Volume-I

SELF STUDY REPORT FOR UNIVERSITY ACCREDITATION



2026

NAAC A+

UNIVERSITY OF AGRICULTURAL SCIENCES
BANGALORE
GKVK, BENGALURU - 560065

Volume-I

SELF STUDY REPORT FOR UNIVERSITY ACCREDITATION

Submitted to

भाकृअनुप
ICAR

National Agricultural Education Accreditation Board
ICAR,New Delhi

2026

NAAC A+

UNIVERSITY OF AGRICULTURAL SCIENCES
BANGALORE
GKVK, BENGALURU - 560065

LIST OF CONSTITUENT COLLEGES AND PROGRAMMES OF UAS BANGALORE SUBMITTING SSR FOR ICAR ACCREDITATION (IEA – ITEM NO. 3)

Sl. No.	College	Courses	UG/PG/Ph.D.
1	CoA, Bengaluru	B.Sc. (Hons.) Agriculture	UG
2	CoA, Bengaluru	B.Sc. (Hons.) Agri-Business Management	UG
3	CoAE, Bengaluru	B.Tech. (Agricultural Engineering)	UG
4	CoS, Chintamani	B.Sc. (Hons.) Agriculture	UG
5	CoS, Chintamani	B.Sc. (Hons.) Sericulture	UG
6	CoA, Bengaluru	M.Sc. (Agri.) in Agricultural Extension Education	PG
7	CoA, Bengaluru	M.Sc. (Agri.) in Agricultural Entomology	PG
8	CoA, Bengaluru	M.Sc. (Agri.) in Agricultural Microbiology	PG
9	CoA, Bengaluru	M.Sc. (Agri.) in Plant Pathology	PG
10	CoA, Bengaluru	M.Sc. (Agri.) in Soil Science & Agricultural Chemistry	PG
11	CoA, Bengaluru	M.Sc. (Agri.) in Agricultural Economics	PG
12	CoA, Bengaluru	M.Sc. (Agri.) in Agronomy	PG
13	CoA, Bengaluru	M.Sc. (Agri.) in Genetics and Plant Breeding	PG
14	CoA, Bengaluru	M.Sc. (Agri.) in Plant Physiology	PG
15	CoA, Bengaluru	M.Sc. (Agri.) in Agricultural Statistics	PG
16	CoA, Bengaluru	M.Sc. (Agri.) in Seed Science & Technology	PG
17	CoA, Bengaluru	M.Sc. (Agri.) in Biochemistry	PG
18	CoA, Bengaluru	M.Sc. (Agri.) in Sericulture	PG
19	CoA, Bengaluru	M.Sc. (Agri.) in Molecular Biology & Biotechnology	PG
20	CoA, Bengaluru	MBA in Agri-Business Management	PG
21	CoA, Bengaluru	M.Sc. (Agri.) in Bioinformatics	PG
22	CoA, Bengaluru	M.Sc. (Agri.) in Agricultural Meteorology	PG
23	CoAE, Bengaluru	M.Tech Processing and Food Engineering	PG
24	CoAE, Bengaluru	M.Tech Soil and Water Engineering	PG
25	CoAE, Bengaluru	M.Tech Farm Machinery & Power Engineering	PG
26	CoS, Chintamani	M.Sc. Entomology	PG
27	CoS, Chintamani	M.Sc. Sericulture	PG
28	CoS, Chintamani	M.Sc. Agronomy	PG
29	CoA, Bengaluru	Ph.D. in Agricultural Microbiology	Ph.D.
30	CoA, Bengaluru	Ph.D. in Plant Pathology	Ph.D.
31	CoA, Bengaluru	Ph.D. in Agricultural Entomology	Ph.D.
32	CoA, Bengaluru	Ph.D. in Soil Science & Agricultural Chemistry	Ph.D.
33	CoA, Bengaluru	Ph.D. in Agricultural Economics	Ph.D.
34	CoA, Bengaluru	Ph.D. in Agricultural Extension Education	Ph.D.
35	CoA, Bengaluru	Ph.D. in Genetics and Plant Breeding	Ph.D.
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37	CoA, Bengaluru	Ph.D. in Plant Physiology	Ph.D.
38	CoA, Bengaluru	Ph.D. in Sericulture	Ph.D.
39	CoA, Bengaluru	Ph.D. in Seed Science & Technology	Ph.D.
40	CoA, Bengaluru	Ph.D. in Molecular Biology & Biotechnology	Ph.D.
41	CoA, Bengaluru	Ph.D. in Agri-Business Management	Ph.D.

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UNIVERSITY OF AGRICULTURAL SCIENCES BANGALORE

Dr. S.V. SURESHA
Vice-Chancellor

Gandhi Krishi Vignana Kendra
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Preface

It gives me immense pleasure to present the Self-Study Report (SSR) of the University of Agricultural Sciences, Bangalore, for the accreditation period **2021-22 to 2025-26** to the Indian Council of Agricultural Research (ICAR). This report reflects the collective efforts, achievements, and aspirations of the University in fulfilling its mandate of teaching, research, and extension for the advancement of agriculture and rural development. Established in 1963 on the US Land-Grant model, UASB has evolved into one of India's premier agricultural universities, with a strong commitment to academic excellence, scientific innovation, and farmer-centric development. Headquartered at Gandhi Krishi Vigyan Kendra (GKVK), Bengaluru, the University has continuously strengthened its educational programmes, research capabilities, extension outreach, and institutional infrastructure to address emerging national and global agricultural challenges.

During the assessment period, the University made significant progress in human resource development by offering high-quality 4 undergraduate, 20 postgraduate, 13 doctoral, and 2 diploma programmes across agricultural and allied disciplines. UASB has adopted innovative teaching methodologies, experiential learning, digital education systems, smart classrooms, modern laboratories, and advanced library services to enhance academic quality and student competence. The University awarded **4,128 Bachelor's, 1,465 Master's, and 474 Doctoral degrees**, along with **159 diplomas during the reporting period**, reflecting its continued contribution to agricultural education. The University has also introduced emerging areas, such as **Artificial Intelligence/ Machine Learning (AI/ML), digital agriculture, and Natural Farming, into its academic programmes** to prepare students for the future of agriculture.

The University has made notable progress in research and innovation by developing **climate-resilient technologies, genomics-based innovations, precision farming systems, AI-enabled agricultural solutions**, **and sustainable farming practices** that directly address the needs of farmers and society. The release of improved crop varieties and hybrids, including nationally significant breakthroughs, reflects the University's scientific strength and commitment to food and nutritional security. During the last five years, the University **developed 33 varieties and 142 technologies, secured 17 national and 10 international patents, and published more than 3,000 research papers in reputed journals**. UASB has also **commercialized 7 hybrids, 11 crop varieties, 4 agricultural machineries, and 27 value-added products** through industry partnerships and technology transfer initiatives.

The University continues to play a pioneering role in digital agriculture through platforms such as ***Dhartimitra***, ***Beej Aadhar***, ***Seed Chain Calculator***, **and pest forecasting systems** providing real-time SMS advisories to farmers. These initiatives are enabling data-driven farming and climate-smart agricultural practices across Karnataka.

Extension education remains one of the strongest pillars of UASB. Through its Krishi Vigyan Kendras (KVKs), extension units, farmer training programmes, digital advisory systems, **Krishi Melas**, and innovative initiatives such as **"*Krishi Santhe*,"** the University has effectively transferred technologies from laboratories to farmers' fields, thereby contributing to improved livelihoods, entrepreneurship, and sustainable agricultural development.

The University has actively promoted innovation, entrepreneurship, and global engagement through the Agri-Innovation Centre, industry partnerships, technology commercialization, and **international collaborations** with reputed institutions across the **USA, Europe, Canada, and Australia**. These partnerships have strengthened academic exchange, collaborative research, faculty development, and international exposure for students and scientists.

The recognitions earned by the University of Agricultural Sciences, Bangalore, including **ICAR accreditation with "A" grade, NAAC "A+" accreditation in 2025**, and the **11th rank in NIRF 2024** under Agriculture & Allied Sectors, reflect the dedication and collective efforts of its faculty, scientists, students, staff, alumni, farmers, and stakeholders. Established in 1989, the UASB Alumni Association, with over 15,500 registered members, continues to bring distinction to the University through exemplary contributions in administration, research, academia, entrepreneurship, industry, and public service across India and abroad.

The University has also strengthened institutional governance through decentralization, digitalization, faculty development, student welfare systems, grievance redressal mechanisms, international student support, skill development initiatives, and modern infrastructure facilities. More than **300 faculty members have received national and international recognition** during the last five years, reflecting the academic excellence and professional competence of the University community.

This Self-Study Report reflects the sustained efforts of the entire University community toward **excellence in agricultural education, research, extension, and institutional governance**. I place on record my sincere appreciation to all faculty members, officers, staff, students, alumni, and stakeholders who contributed to the preparation of this report and to the continued progress of the University.

I am confident that the achievements and initiatives presented in this report demonstrate the **University's commitment to quality, accountability, innovation, inclusiveness, and service to society**. UASB remains dedicated to advancing agricultural science and technology for the benefit of farmers, rural communities, and the nation.

Date:20.05.2026

Dr. S. V. SURESHA
Vice-Chancellor

20/5/-

Vice-Chancellor
University of Agricultural Sciences
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Acknowledgement

The University of Agricultural Sciences Bangalore has made remarkable strides in the overall development of agricultural sciences during nearly six decades of its meaningful existence. The University's stakeholders, including students, faculty members, scientists, extension personnel, supporting staff, and farm workers, have collectively contributed towards achieving excellence in agricultural higher education, research, and extension activities in the field of agriculture and allied sciences.

The compilation of Self-Study Reports (SSRs) for accreditation by the National Agricultural Education Accreditation Board under the Indian Council of Agricultural Research has been undertaken in recognition of the milestones and significant achievements of the University of Agricultural Sciences Bangalore. In this connection, various committees were constituted at the University and College levels to compile and consolidate information pertaining to teaching, research, extension, infrastructure, human resources, financial status, library resources, and other accomplishments of the University for the period from 2021–22 to 2025–26.

It is our privilege to express our sincere and heartfelt gratitude to Dr. S.V. Suresha, Hon'ble Vice-Chancellor, University of Agricultural Sciences Bangalore and Chairman of the Steering Committee on Accreditation, for his invaluable guidance, constant encouragement, and support in the preparation, review, and finalization of the Self-Study Reports (SSRs) for accreditation of the Programmes, Colleges, and the University. I also express sincere gratitude to Dr. K. C. Narayanaswamy, Hon'ble Vice-Chancellor, University of Agricultural Sciences Mandya.

We take this opportunity to thank Officers of the University and member of the Steering Committee on Accreditation such as Dr. K. Madhusudan, Registrar; Dr. Mudalagiriyappa, Director of Research; Dr. Y.N. Shivalingaiah, Director of Extension; Dr. P. Venkataravana, Dean (PGS); Dr. N.B. Prakash, Dean (Agri.), College of Agriculture, GKVK; Dr. Ramakrishna Naika, Dean (Seri.), College of Sericulture, Chintamani; Dr. K.S. Rajashekarappa, Special Officer, CoAE, GKVK; Dr. Mohan I Naik, Dean of Student Welfare, UAS, Bangalore; Dr. S.D. Shivakrishna, University Librarian, Mr. Linganna-Gundalli, Comptroller; Mrs. M.S Prathibha, Administrative Officer; Mr. D. Krishna Murthy, Estate Officer; Dr. K.N. Muniswamy Gowda , Dean (Agri.), College of Agriculture, Hassan; Dr. P.S. Fathima, Dean (Agri.), College of Agriculture, Mandya and Dr. C. Doreswamy., Special Officer, College of Agriculture, Chamarajanagar; Dr. T. K. Nagarathna, Professor Crop physiology and former Nodal Officer, PPMC,GKVK, Bangalore for their constant encouragement and support in preparation of SSRs.

It is our privilege to extend our sincere and profound gratitude to the members of the 'Core Committee for Preparation of SSRs of Programmes, Colleges and the University' for their dedicated involvement in the compilation, cross-verification, and finalization of the Self-Study Reports, in close coordination with the University- and College-level committees.

Our heartfelt gratitude to faculty and non-teaching staff of the University for their all-possible support rendered for compilation of information pertaining to the reporting period.

May 20, 2026

Bangalore

20/05/2026

Dr. SIDDAYYA
Nodal Officers, NODAECC-ICAR & Coordinator, PPMC, UASB
& Member, Steering Committee for Accreditation

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Executive Summary

The University of Agricultural Sciences, Bangalore (UASB) is the first State Agricultural University (SAU) in Karnataka. It was established in 1963 through an Act of the Legislature of the then Mysore State, based on the US Land Grant System, and inaugurated by the then Vice-President of India, Dr. Zakir Hussain, on August 21, 1964. The Governor of Karnataka is the Chancellor of the university, and the Board of Management (BoM) is the policy-making body for its functioning.

The university integrated education, research, and extension activities to promote agricultural development. At its inception, the university comprised the Colleges of Agriculture at Hebbal and Dharwad, the Veterinary College at Hebbal, 35 research stations, and 45 ICAR-supported schemes. A major milestone in the university's development was the establishment of the Gandhi Krishi Vigyan Kendra (GKVK) campus in 1969, inaugurated by Indira Gandhi, which is the current administrative headquarters. During the same period, the university expanded its academic programs by establishing the Fisheries College at Mangalore and the Agricultural Engineering Institute at Raichur. In 1974, the Home Science College at Dharwad was launched, along with postgraduate programs at Hebbal, marking a phase of rapid academic and infrastructural growth. To improve administrative efficiency and regional focus, the university was bifurcated in 1986 into UAS, Bangalore and UAS, Dharwad, with UAS, Bangalore serving the southern districts of Karnataka. Subsequent restructuring led to the establishment of specialized institutions, including the Karnataka Veterinary, Animal and Fisheries Sciences University (2005), the University of Horticultural Sciences (2009), the University of Agricultural and Horticultural Sciences (2012), and the University of Agricultural Sciences Mandya (2025). New affiliated colleges were added during 2024–25, which strengthened the University's academic network. Until 2025, UASB coordinated teaching activities through six constituent colleges comprising 24 departments. The University also maintained an extensive network of research and extension centres, including one Main Research Station, two Zonal Agricultural Research Stations (ZARS), 13 Agricultural Research Stations (ARS), seven Krishi Vigyan Kendras (KVKs), and two Extension Education Units (EEUs), facilitating the effective implementation of its mandates in teaching, research, and extension. Following the establishment of UAS Mandya, UASB's institutional structure and territorial jurisdiction were reorganized. The University's jurisdiction presently extends over the districts of Kolar, Chikkaballapur, Bengaluru Rural, Bengaluru Urban, Bangalore South, and Tumakuru.

The logo of UASB carries the tagline "कृषितो नास्ति दुर्भिक्षम्" (Krishito Nasti Durbhiksham), which translates to "There is no famine where agriculture thrives". This motto reflects the founding mandate and enduring philosophy of the University since its inception in 1964. It signifies the vital role of agriculture in ensuring food security, eradicating hunger, and supporting sustainable livelihoods. The tagline continues to inspire the University's commitment to excellence in agricultural education, research, and extension, with the broader goal of contributing to national food self-sufficiency and rural development. Even in the 21st century, the essence of this quote remains relevant. It highlights the idea that self-reliance in food production is critical. against global supply chain disruptions or economic downturns.

With the vision to become a world-class Farm University, the UASB built a sound knowledge base through its fundamental programmes in human resource development and unique programmes in basic, strategic, and translational research and agriculture extension. The mission of the university is to generate high-quality human resources in the area of agriculture and allied disciplines, evolve cutting-edge Agri-technologies and knowledge dissemination mechanisms to serve the farming community and society.

Teaching - "Teaching is a very noble profession that shapes the character, caliber, and future of an individual". *Dr. A.P.J. Abdul Kalam*

Accredited by the Indian Council of Agricultural Research and accredited with an A+ Grade by National Assessment and Accreditation Council (NAAC), UASB is recognized for its academic excellence and strong institutional framework. The University offers a wide range of undergraduate and postgraduate programmes in agricultural and allied sciences, supported by a robust academic and research ecosystem. Through its focused academic, research, and extension initiatives, UASB continues to create significant value for students, faculty, farmers, and industry stakeholders. Since teaching is one of the major mandates of University of Agricultural Sciences Bangalore, the University has established a well-structured and effectively managed academic support system to ensure quality education and academic excellence. The system is strengthened through statutory academic bodies such as the Boards of Studies (BoS) and the Academic Council (AC), which play a vital role in curriculum development, academic regulation, programme review, and policy formulation. The AC is the highest decision-making body for academic activities, and 12 AC meetings were conducted during the last five years to advise the BoM and the Vice-Chancellor on various issues related to academics and library management. The University considered the major recommendations of the AC for the benefit of undergraduate and postgraduate degree programs.

Since the 2021–22 academic year, UASB has introduced several academic and educational innovations aimed at enhancing teaching quality, student competency, and institutional excellence. These initiatives have contributed to attracting meritorious students through the Karnataka Common Entrance Test (KCET) and the ICAR-All India Entrance Examinations for both undergraduate and postgraduate programmes. Through the adoption of the best practices, UASB has significantly strengthened the quality, relevance, and overall value of its academic programmes. In alignment with the National Education Policy (NEP) 2020 and the recommendations of the 6th *Deans' Committee* of ICAR, UASB implemented four degree programmes with revised UG curriculum framework and adopted the *Broad Subject Matter Area* (*BSMA*) system for 20 PG and 13 Ph.D programmes. The University also revised the *Academic Information and Regulations* for both UG and PG programmes through deliberations and approvals in the BoS and AC meetings. These reforms have ensured greater academic flexibility, multidisciplinary learning opportunities, skill orientation, and alignment with emerging national and global trends in agricultural education.

The University Library is one of the largest agricultural science libraries in Karnataka and serves as a major knowledge hub for students, researchers, and faculty. The library houses an extensive collection of books, journals, and digital resources, supported by a well-connected network linking regional college libraries. The library provides continuous access to leading national and international e-resources and is a member of the Online Computer Library Center (OCLC). Wi-Fi-enabled services supported by the National Knowledge Network and managed through the Agricultural Knowledge Management Unit (AKMU) facilitate seamless digital access. The library has adopted advanced ICT-enabled services and modern library management systems, including RFID technology, DSpace Institutional Repository, VIDWAN faculty database, Krishikosh, Krishi Chitralaya, EZproxy CeRA access, e-books, and OPAC services. Regular upgradation of facilities and services is guided through Library Sub-Committee meetings chaired by the Dean (Post Graduate Studies), ensuring effective and need-based resource management.

The University is committed to delivering high-quality agricultural education that continually evolves in response to the needs of society and the farming community. The faculty possess strong international and multi-institutional experience, with active collaborations with reputed universities

eminent international scientists as Adjunct Faculty, significantly enrich teaching quality and academic exposure. The University's advanced infrastructure, including smart classrooms, modern laboratories, well-equipped field facilities, and a comprehensive library, supports effective knowledge transfer and experiential learning. As a result, UASB graduates consistently achieve strong placement outcomes in both academic institutions and the agricultural and allied industry sectors.

The University has established the Agri-Innovation Centre (AIC) at GKVK to foster innovation and strengthen entrepreneurship across diverse fields of agriculture. The AIC facilitates academia–industry interaction, thereby providing valuable exposure and experiential learning opportunities for students. These initiatives, along with other innovative academic practices, including the well-accepted RAWEP of the University, are yielding tangible outcomes in the form of highly skilled and competent human resources equipped to address emerging challenges in agricultural production, research, extension, and the agri-industry sector.

Over the last five academic years (2021–2026), UASB has continued its tradition of academic excellence by awarding over 6,000 degrees. This includes 4,128 Bachelor's, 1,465 Master's, and 474 Doctoral degrees. The University also celebrated the graduation of 15 international students and the completion of 159 diplomas, reflecting its diverse and growing academic footprint. The conducive academic environment at the UASB encourages students to actively participate in extracurricular activities, including sports and cultural events, enabling them to achieve distinction and bring recognition to the University at the national level.

The University has secured 11th rank under Agriculture & allied sectors, 90th under Overall University category, and 44th in State public University category in National Institutional Ranking Framework (NIRF) for the year 2024. UAS-B has secured ICAR Accreditation with an "A" grade in 2024, under the Ministry of Higher Education. The Government of India initiative UGC has recognized UASB as one of the four Indian Universities for inviting students from abroad to pursue higher education in India during 2024. The University is currently commemorating its 60th Anniversary, and the "A+" Grade awarded by the NAAC for a period of five years from 2025 reflects its commitment to maintaining high standards in education, research, and extension.

Research – *"If agriculture goes wrong, nothing else will have a chance to go right, and that is the art of turning sunlight into food"* - M.S. Swaminathan

UAS Bangalore is one of India's premier agricultural research institutions, with research initiatives strategically aligned to global agricultural priorities and a strong emphasis on location-specific, farmer-centric, and sustainable agricultural innovations. Its research activities extend across four agro-climatic zones of Karnataka, Zone-4 (partly), Zone-5 (entirely), Zone-6 (entirely), and Zone-7 (partly), covering 10 southern districts of the state. The University undertakes basic, strategic, applied, and adaptive research to address emerging challenges in agriculture and allied sectors. Its research programmes foster fundamental scientific inquiry and the generation of new knowledge in frontier areas such as biotechnology, genomics, climate-smart agriculture, precision farming, natural resource management, food science, and agricultural engineering. Through these efforts, the University continues to strengthen the scientific foundation for sustainable agricultural development and future advancements in agricultural research.

The University, through its organizational framework, decentralized research governance, and strong institutional linkages, has established robust mechanisms for effective research planning, coordination, and implementation. The Director of Research leads the University's research activities at 11 Agricultural Research Stations, 30 AICRP schemes, and more than 200 research projects funded through various sources. The research agenda remains aligned with emerging national priorities, stakeholder needs, climate challenges, market dynamics, and policy directions, thereby contributing

significantly to food security, sustainable agriculture, rural livelihoods, and scientific advancement in India. Research priorities are periodically reviewed and refined through Research Councils, Institute Research Committees, Scientific Advisory Committees, Annual Technical meetings of respective AICRPs, and Zonal Research and Extension Programme Committees. Five Research Council meetings were held during the last five years.

Over the years, the UASB achieved major milestones in hybrid breeding by developing the world's first inter-specific cotton hybrid, India's first CMS-based sunflower hybrid (BSH-1), and the KRH-1 rice hybrid. Since its inception in 1965, the University has released 292 high-yielding crop varieties and 38 hybrids, significantly contributing to agricultural growth and sustainability. The release of 104 cereal varieties aligns with national food security goals, while the development of 38 millet varieties complements Karnataka's status as India's leading millet-producing state. Further, the release of 55 pulse and 43 oilseed varieties and hybrids had strengthened crop diversification and sustainable farming systems. Fifteen fodder varieties released have supported the growth of the dairy sector, whereas the release of 36 horticultural crop varieties reflects a strategic shift towards high-value agriculture in the state. The major flag bearers include unique varieties in finger millet (Indaf, MR, and GPU series), Pigeonpea (BRG series), field bean (HA series), and hybrids in rice (KRH series), Sunflower (KBSH series), and Maize (MAH and NAH series). UASB has also oriented its research towards bio-fortification (Bio-fortified Paddy varieties: Paustic-1, 7 and 9) and the development of aerobic rice varieties (MAS-26, ARB-6, and MAS-946-1).

UAS Bangalore has empowered farmers to face the challenges of climate variability, water scarcity, and declining soil fertility with resilience and confidence by developing sustainable farming technologies. In genomics, UAS Bangalore has made world-first breakthroughs by sequencing finger millet, horse gram, *Dolichos* bean, Sandalwood, Little millet and pathogens like *Magnaporthe* affecting millets and rice. UAS, Bangalore, was the first to report the invasive *Fall Armyworm* in maize, later found on sorghum and finger millet. Its rapid response and *ad-hoc* control measures reduced infestation by 48% across Karnataka. On the sustainability front, innovations like reduced runoff farming, drip fertigation, aerobic rice cultivation, direct seeded rice (DSR), alternate wetting and drying, and hydroponic systems are reshaping water and nutrient management. From pest management to climate resilience, energy security to precision farming, UAS Bangalore's high-impact interventions are not only transforming farms but redefining the future of agriculture.

At the forefront of digital agriculture, the UAS Bangalore, is advancing IoT-enabled and data-driven farming solutions to support climate-smart and efficient agriculture. Its flagship platforms, including *Dhartimitra*, provide customized fertilizer recommendations, while next-generation pest forecasting systems deliver real-time *Short Message Service* (SMS) alerts in local languages to help farmers to reduce crop losses and chemical use. The University has also developed digital tools such as *Beej Aadhar*, *Seed Chain Calculator*, and *Farm Calculator* to strengthen seed management and promote precision farming. Through the *e-SAP* platform and weather-based Agromet advisories, the University extended timely agricultural information and decision-support services to more than 1.38 lakh farmers.

In the last five years (2021-22 to 2025-26), UASB has been granted 17 patents by the Government of India and 10 International patents. The University has developed a total of 33 crop varieties and 142 technologies that substantially enhance farm productivity across diverse agro-climatic regions of the state. Nineteen varieties released by UASB, along with 21 farmers' varieties, have been registered with PPV&FRA, New Delhi. UASB has made significant contributions toward strengthening agricultural policy, climate resilience, advanced research, and smart agriculture systems in Karnataka. Major strategic initiatives include the establishment of a plant phenotyping facility at GKVK under the Karnataka State Budget 2024-25, re-delineation of 10 agro-climatic zones, the development of Integrated Farming System (IFS) models, and the establishment of Agriculture Produce Centers

(APCs). The University has also contributed to agricultural market intelligence, cost of cultivation studies, and region-specific smart agro-technologies for sustainable farming. The university also promoted precision and digital agriculture through drone-based nutrient application, AI-integrated hydroponic systems, AI/ML-based crop monitoring using UAV and hyperspectral imagery, smart beehive technologies, and 3D-printed honeycombs. Conservation of germplasm, landraces, and development of MAGIC populations in maize and pigeonpea further strengthened long-term crop improvement and biodiversity conservation efforts.

Significant breakthroughs have been achieved in areas such as genetic transformation, enhancement of water-use efficiency in paddy, disease-resistance breeding, and the identification of fungal pathogens affecting rice. Advanced molecular diagnostics using LAMP and CRISPR-based technologies have been developed for the rapid detection of major crop diseases. Research in nanotechnology has led to the development of biocompatible silver and silica nanoparticles for agricultural applications.

At the grassroots level, the University developed several practical technologies, machines, and value-added products aimed at improving farmer livelihoods, reducing drudgery, and promoting nutrition and entrepreneurship. Innovations supporting urban and small-scale agriculture include soilless farming models, *Bee Nivas*, microgreens cultivation, and small-scale hydroponic systems and towers. In crop protection, portable biosensors, lateral flow immune-strips, recyclable plastic-based diagnostic platforms, and low-cost field-level disease detection kits were developed for rapid and accessible plant disease diagnosis under resource-constrained conditions.

UASB supports private companies and farmers through a wide range of testing and certification services. Bio-efficacy studies of pesticides, seed quality analysis, and seed health testing are carried out through NABL-accredited laboratories on the basis of prescribed standards and policies. The University also undertakes inspection of port-entry consignments and issues the required certificates. In addition, field visits to seed production plots are conducted for monitoring and evaluation. The University also provides analysis and performance evaluation of biofertilizers, as well as testing services. It also offers evaluation of farm machinery and soil and water analysis services for both farmers and for the general public.

The Intellectual Property Management and Commercialization (IPMC) Cell and Institutional Biosafety Committee (IBSC) Cell play a pivotal role in facilitating technology transfer and ensuring biosafety compliance at the University. UASB actively promotes the commercialization and wider adoption of agricultural innovations through Memoranda of Understanding (MoUs), licensing agreements, and collaborative research partnerships with industry. Over the last five years, the University has successfully commercialized seven hybrids, 11 crop varieties, four agricultural machineries, and 27 value-added products. The University has published 3,034 high-impact research papers across diverse scientific disciplines and has earned widespread recognition for its research excellence. Its outstanding contributions have been acknowledged through several national awards, including recognition of 11 AICRP schemes as Best Centers during the last five years.

Extension - *"Technology can advance yield and productivity, but only public policy can advance the income of farmers. There has to be a synergy between technology and public policy."* - M. S. Swaminathan

The UAS, Bangalore, has developed a strong system for extension education and agricultural outreach activities, which has evolved and strengthened over more than six decades since its inception. The University has a well-structured Directorate of Extension that coordinates and implements the University's agricultural extension and outreach activities in an efficient and systematic manner. Drawing upon its extensive expertise in agriculture and rural home science, the University has played a pivotal role in disseminating scientific knowledge, innovative technologies, and best management

practices to farming communities. Through its comprehensive extension network, headed by the Director of Extension, the University effectively bridges the gap between research and field application by organizing farmer training programmes, frontline demonstrations, field visits, capacity-building initiatives, skill development programmes, and community outreach activities. These extension efforts are aimed at enhancing farmers' livelihoods, promoting sustainable agricultural practices, empowering rural women and youth, and improving the socio-economic conditions of rural communities across the region. The Extension Education Council is the advisory body in the University that meets once a year to review the progress and to formulate policies.

The Director of Extension coordinates the activities of different extension units. The Staff Training Unit (STU) of the Directorate is responsible for building professional competence among staff across various organizations. During the last five years, the STU has conducted more than 38 training programmes and field visits for professionals. The Directorate also houses a unit of the State Agricultural Management and Extension Training Institute (SAMETI), which is responsible for organizing Diploma in Agricultural Extension Services for Input Dealers (DAESI) programmes in collaboration with the Nodal Training Institute (NTI). During the reporting period, a total of 139 DAESI programmes were organized, benefiting 5,560 participants, of whom 2,684 established their own enterprises in agriculture and allied sectors. In recognition of its outstanding performance, SAMETI (South) received the Best State Award–2024 for DAESI from the National Institute of Agricultural Extension Management (MANAGE), Hyderabad.

The Farmers' Training Institute conducted over 154 sponsored training programmes during the last five years, benefiting more than 4,690 farmers. The Farm Information Unit (FIU), which is actively involved in the development and dissemination of farm information, organized 21 press conferences and 36 agricultural fairs, and coordinated 810 television and radio programmes. In addition, the unit developed and disseminated several e-information modules, including documentary films, YouTube content, WhatsApp and Facebook-based advisories, and PDF-based technical packages. The Directorate also operates the Agricultural Technology Information Centre (ATIC), which provided 11,017 face-to-face consultations, 5,940 telephone consultancy services, and 18,253 advisory services through WhatsApp and SMS during the last five years. The ATIC also facilitated the sale of nearly four lakh planting materials, 362 quintals of quality seeds, and 2,607 quintals of bio-fertilizers. Furthermore, the unit disseminated 766 technical advisories through the *Vijayavani* newspaper. The Bakery Training Unit conducted fourteen 14-week training courses and 55 four-week certificate courses in Bakery Technology and organized more than 4,330 method demonstrations during the reporting period.

The University has a Distance Education Unit (DEU), which is offering correspondence courses in Kannada for the benefit of the local population. The University has a state-of-the-art museum devoted to agricultural sciences at the GKVK campus. The University has seven Krishi Vigyan Kendras (KVKs) in the districts of Bengaluru Rural, Chamarajanagara, Chikkaballapura, Hassan, Mandya, Bangalore South, Tumakuru, and two Extension Education Units at Kolar and Mysore district, which are assisting in transferring knowledge from laboratory to land and also serving as knowledge resource centers at the district level. During the last five years, the KVKs under the Directorate organized 174 On-Farm Tests (OFTs), 717 Front Line Demonstrations (FLDs), and 2,973 training programmes for the benefit of farmers and extension personnel. The Directorate also felicitated the release of two turmeric varieties, namely *Black Turmeric-01* (*CAK-1*) and *IISR-Prathibha*. Krishi Vigyan Kendra Bangalore South received the prestigious "*Pandit Deendayal Upadhyay Rashtriya Krishi Vigyan Protsahan Puraskar-2021"* during the 94th Foundation Day celebrations of the Indian Council of Agricultural Research held at New Delhi.

The Directorate organizes the annual mega agricultural event *Krishimela* at the GKVK Campus, Bengaluru, and the VC Farm, Mandya. The event serves as one of the largest farmer outreach and

technology dissemination platforms in the region, attracting nearly 50–60 lakh farmers, stakeholders, and members of the public every year. With more than 750 stalls exhibiting advanced agricultural technologies, innovative farming practices, improved crop varieties, farm machinery, agri-inputs, value-added products, and extension services, *Krishimela* plays a pivotal role in bridging the gap between research and field application. The event provides a unique platform for scientists, extension personnel, entrepreneurs, policymakers, and farmers to interact, exchange knowledge, and promote the adoption of sustainable and modern agricultural technologies, thereby significantly contributing to agricultural development and technology transfer. The Directorate launched "*Krishi Santhe*" as a novel initiative in the history of Farm Universities in the state in 2024 at the GKVK campus. The event is now being organized on every fourth Saturday, providing a direct marketing platform for farmers. On average, each *Santhe* attracts more than 18,000 visitors and records business transactions worth approximately Rs. 15–18 lakhs. So far, 13 *Krishi Santhe* have been successfully conducted. These innovative activities demonstrate that the Directorate of Extension plays a vital role in transferring agricultural technologies and knowledge to farmers and end-users.

Management and Coordination of Activities

The University has a well-planned channel to combine education, technology, management, and social service. This is achieved through the decentralization of administrative and management functioning powers, which is reviewed from time to time. The administrators and staff are being recruited as per the set guidelines of ICAR and the State Government. The staff members are encouraged to participate in symposia, conferences, seminars, brainstorming, and workshops to enrich their knowledge in the respective fields. The University has set procedures to honour or reward the teachers/scientists and supporting staff, some of which are the ICAR-Best teacher award, Best Research Award, Best Extension worker award, etc., which have resulted in quality improvement. Over 300 faculty members received national and international recognition in different disciplines during the last five years.

For the benefit of students and staff, the University is maintaining supporting units such as Maintenance Cell, SC/ST cell, Health Care Centre, University Examination Centre, Communication Centre, Study Centre, Grievance Redressal Cells, Student Welfare Cell, Differently abled student welfare Committee, Internal Complaint Committee, Intellectual Property Rights & Commercialization Unit, Agriculture Knowledge Management Unit, Agri. Innovation Centre, Cafeteria, Guest House, International Centre, Foreign Students Advisory Cell, Foreign Students Centre, Bank, Post Office, Skill Development Centre. Most of the sub-campuses are also equipped with sub-centers of these supporting units. All these facilities are making University life very attractive and comfortable for students and staff.

The University has allocated Rs. 27832.73, 28846.48, 30531.27, 28395.01, and 26457.96 lakhs towards salaries, contingency, and ICAR development grants, respectively, to the constituent Colleges and the University headquarters during the last five years. A sum of Rs. 28403.15 lakh was generated as internal receipts during the reporting period (2021-22 to 2025-26). The University has raised Rs. 10340.00 lakhs through corporate funding during the last five years (2021-22 to 2025-26) for the establishment of the CIDSA lab, solar electricity production, establishment of modern seed storage facilities, UASB-HAL Advanced Centre for Bio-Energy Research at GKVK Campus.

The UASB was accredited with an A+ grade by NAAC on February 13 2025. The University, along with its constitute colleges and academic programmes were accredited three times by the ICAR-NAEAB, New Delhi *i.e.,* from 25.08.2004 to 24.08.2009 (*27-2/98-Acdn. / Edn. dtd. August 25, 2004*), from 28.03.2016 to 27.03.2021 (*F. No. ed. 27/2/98-EQR dtd. 05 May 2016*), and 28-03-2021 to 27-03-2026 (*F. No. 1/15/2021'EQR. Edn. dated 12 January 2022*). Since 2021-22, UASB has adopted and implemented all observations and recommendations made by the ICAR-NAEAB, New Delhi. Most of the observations/recommendations were satisfactorily undertaken in action mode. In addition to PRT

observations, other issues were also systematically implemented by the University, *viz.*, digitalization of examination, the establishment of COVID-19 testing centers, proper disposal of hazardous waste, and development of open gym facilities. During the year 2022-23, UASB started B.Sc (Hons) Food Nutrition and Dietetics at the GKVK campus. In recent years, the University has also approved affiliation for two agricultural colleges within its jurisdiction. UASB has emerged as a front-runner in introducing new-age courses such as AI & ML and B.Sc. (Hons.) in Natural Farming, along with newly launched programs, including B.Sc. (Hons.) Forestry and B.Tech. in Biotechnology.

The Alumni Association of UASB was established on 1st September 1989, and has over 15,500 registered members comprising graduates in agriculture, horticulture, veterinary, dairy science, fisheries, agricultural marketing and cooperation, forestry, agri-biotech, food science, agricultural engineering, and sericulture. Over 1,500 graduates are currently serving as officers/administrators in the cadre of IAS, IFS, IPS, allied Civil Services, Karnataka Administrative Service Officers, Line Department, Civil Departments in Government of Karnataka and Government of India, and the majority of the graduates are serving as scientists in ICAR, Central Silk Board, and other research organizations, professors, and extension specialists in the Universities and agri-related institutions. Most graduates are well placed in State Development Departments, banks, NGOs, and private organizations. Many are successful entrepreneurs, progressive farmers, and policy makers, with some serving in key positions at the international level.

Over the past five years, the University has made significant contributions in teaching, research, extension, and outreach activities. With the recruitment of qualified faculty and supporting staff, the University has strengthened its capacity to deliver high-quality education, research, and extension services in key areas. The availability of adequate resources and modern facilities have further enabled the University to achieve its academic and developmental goals while effectively addressing emerging challenges in agriculture and allied sectors.

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6.6 Self-Study Report of the University of Agricultural Sciences, Bangalore

Genesis and Evolution of the University of Agricultural Sciences, Bangalore

Genesis (1899–1965)

The foundation of the University of Agricultural Sciences, Bangalore (UAS, Bangalore) dates back to **1899**, when Her Excellency Maharani Kempa Nanjammanni Vani Vilasa Sannidhiyavaru, Regent of Mysore, donated 30 acres of land at Hebbal, Bangalore, for the establishment of an Experimental Agricultural Station. This marked the beginning of organized agricultural research in the region. In 1899, Dr. Adolf Lehmann was appointed as the first agricultural chemist in Mysore State (now Karnataka). He was pivotal in establishing early agricultural research, including a Soils Laboratory at Hebbal, initiating studies on soil-crop responses, and laying the groundwork for scientific farming in the region.

In 1906, under the leadership of Dr. Leslie Coleman, the research station expanded significantly and evolved into a reputed research centre. A major step forward came in 1913, when Sir M. Visvesvaraya, then Diwan of Mysore, established the Mysore Agricultural Residential School at Hebbal, offering Licentiate in Agriculture programs and attracting students from across India and abroad. Further progress occurred in 1946, when the Agricultural College at Hebbal was established under the guidance of Mr. M. A. Srinivasan, the then Minister of Agriculture, offering a four-year degree program affiliated with the University of Mysore. Infrastructure and institutional capacity continued to grow through the 1950s, including the establishment of a Veterinary College in 1958 and the expansion of academic facilities. The idea of a full-fledged agricultural university gained momentum after a committee led by Dr. Ralph Cummings recommended its formation in 1961. Acting on this, the Government of Mysore passed the Karnataka Universities of Agricultural Sciences Act in 1963 under the leadership of Shri. S. Nijalingappa. The University of Agricultural Sciences, Bangalore, was formally inaugurated on 21 August 1964 by Dr. Zakir Husain and began functioning on **1 October 1965**, with **Dr. K. C. Naik** as its first Vice-Chancellor.

Growth and expansion (1965–1985)

After its establishment, UAS, Bangalore was modelled on the **Land-Grant System** of the United States, integrating education, research, and extension activities. At its inception, the university included the Colleges of Agriculture at Hebbal (Bengaluru) and Dharwad, Veterinary College at Hebbal, 35 research stations at different regions of the state of Karnataka, and 45 ICAR-supported schemes. A landmark development in the institution's history occurred in 1969 with the inauguration of the Gandhi Krishi Vignana Kendra (GKVK) campus in Bangalore by the then Prime Minister of India, Smt. Indira Gandhi. This event marked a significant step toward strengthening agricultural education, research, and extension services in the region. Spanning an expansive area of approximately 1,320 acres, the GKVK campus was envisioned as a hub for scientific innovation and sustainable farming practices. Over the years, it has evolved into a vibrant center of academic and research excellence. In recognition of its rich biodiversity and ecological importance, a portion of the campus was later designated as a Bio-Heritage Site in 2009, further highlighting its role in conserving valuable plant and animal resources while promoting environmental awareness.

The university steadily diversified its academic programs and infrastructure over the years. In 1969, it established the Fisheries College at Mangalore and the Agricultural Engineering Institute at Raichur. This was followed by the launch of the Home Science College at Dharwad and the introduction of postgraduate studies at Hebbal (Bangalore) in 1974. Further expansion continued, and this period marked a phase of rapid academic growth along with the strengthening of research and extension services.

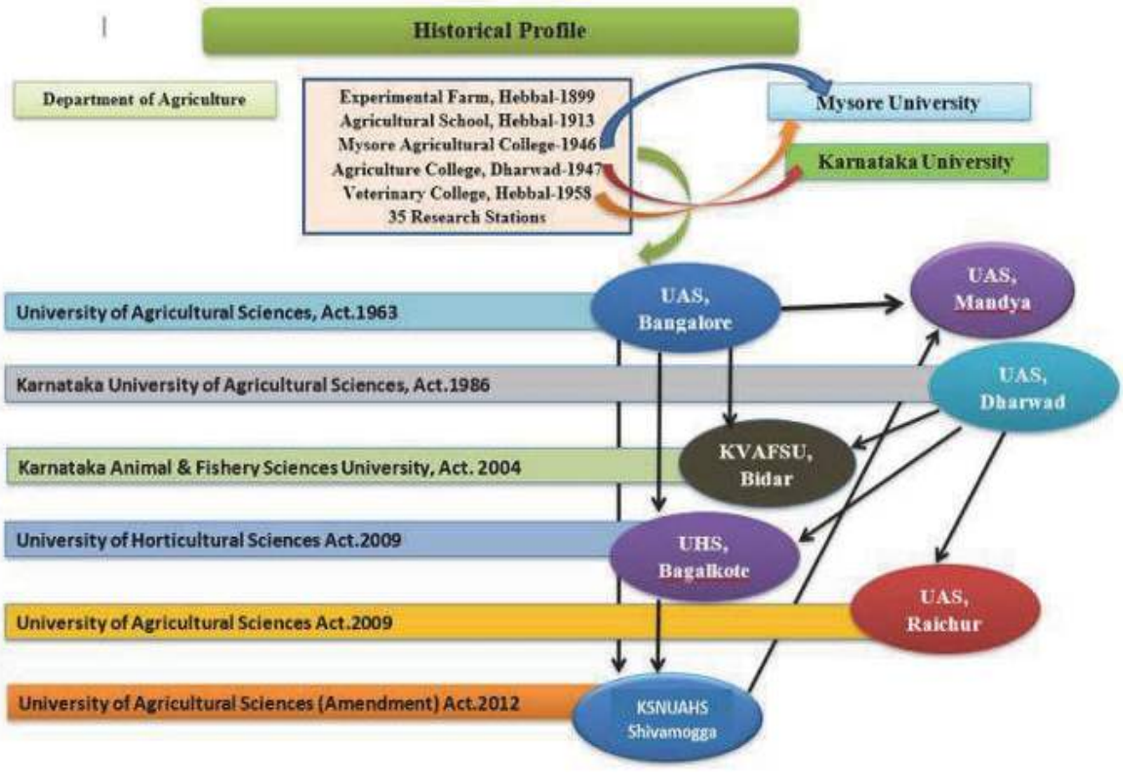
Institutional reorganization and continued growth (1986–Present)

Due to its vast scope and regional diversity, the University of Agricultural Sciences (UAS) underwent bifurcation in 1986, leading to the formation of UAS, Bangalore and UAS, Dharwad, with UAS, Bangalore being assigned responsibility for the southern districts of Karnataka. Further restructuring in the following years enhanced specialization in agricultural education. This included the formation of the Karnataka Veterinary, Animal and Fisheries Sciences University, Bidar in 2005, the establishment of the University of Horticultural Sciences, Bagalkot in 2009, the creation of the University of Agricultural and Horticultural Sciences at Shivamogga in 2012, and the establishment of the University of Agricultural Sciences at Mandya in 2025. In addition, two new affiliated colleges were added during 2024–25, further strengthening the university's academic network.

Legacy and vision

From a modest experimental farm established in 1899, the University of Agricultural Sciences, Bangalore has evolved into a premier institution and a cornerstone of agricultural education, research, and rural development in India. Over more than six decades, the university has played a pivotal role in advancing scientific agriculture and transforming farming practices. It has consistently contributed to the global body of knowledge by publishing cutting-edge research in high-impact journals, addressing critical challenges in crop production, sustainability, and resource management. The university also developed a wide range of need-based technologies tailored to the diverse agro-climatic conditions of the region, ensuring their practical relevance and adoption in the field. The university achieved a historic milestone by releasing the world's first cotton hybrid, and it was also the first in the country to develop hybrids in rice and sunflower. In addition, it has released over 300 improved crop varieties characterized by higher yield potential, enhanced resistance to diseases, and better adaptability to diverse and changing environmental conditions.

The university has also hosted numerous prestigious scientific events, including the Indian Science Congress in 2020, attracting eminent scientists, including Nobel Laureates. Many of the university's faculty members have emerged as pioneers in their respective fields, serving on several national- and state-level scientific committees. The university is widely regarded as the "mother" of agricultural universities in Karnataka, having made significant contributions to the development of human resources in agriculture at the national level. Guided by the visionary principles articulated by Zakir Husain, UAS, Bangalore has consistently emphasized the integration of education, research, and outreach to transform rural livelihoods. Today, the university continues to make substantial contributions to sustainable agriculture, food security, and socio-economic development. It upholds its legacy as a leader, innovator, and benchmark institution in teaching, research, and extension, while actively integrating modern and innovative tools to advance the agricultural sector. The university's vision is aligned with the goals of Viksit Bharat and closely resonates with the United Nations Sustainable Development Goals (UN SDGs).



Historical development and bifurcation of UAS Bangalore into separate State Agricultural Universities



Sl. No.	District	Geographical Area (ha.)
1	Bengaluru Urban	2,17,410
2	Bengaluru Rural	2,29,519
3	Chikkaballapura	4,04,501
4	Kolar	3,74,966
5	Bengaluru South	3,55,912
6	Tumakuru	10,64,755
	Total	**26,47,063**

Jurisdiction and Geographical Coverage of UAS Bangalore (Current Status)

6.6.1. University Governance

The University of Agricultural Sciences (UAS), Bangalore, was established under Section 3 of the Karnataka Universities of Agricultural Sciences Act, 1963 (Karnataka Act 22 of 1963), which was subsequently amended by Karnataka Act No. 10 of 2010, with territorial jurisdiction as specified therein. The UAS, Bangalore, having headquarters at Bengaluru, functions with territorial jurisdiction (as on April 2026) extending over the district of Kolar, Chikkaballapur, Bengaluru (Rural), Bengaluru (Urban), Bangalore South, and Tumkuru (Fig).



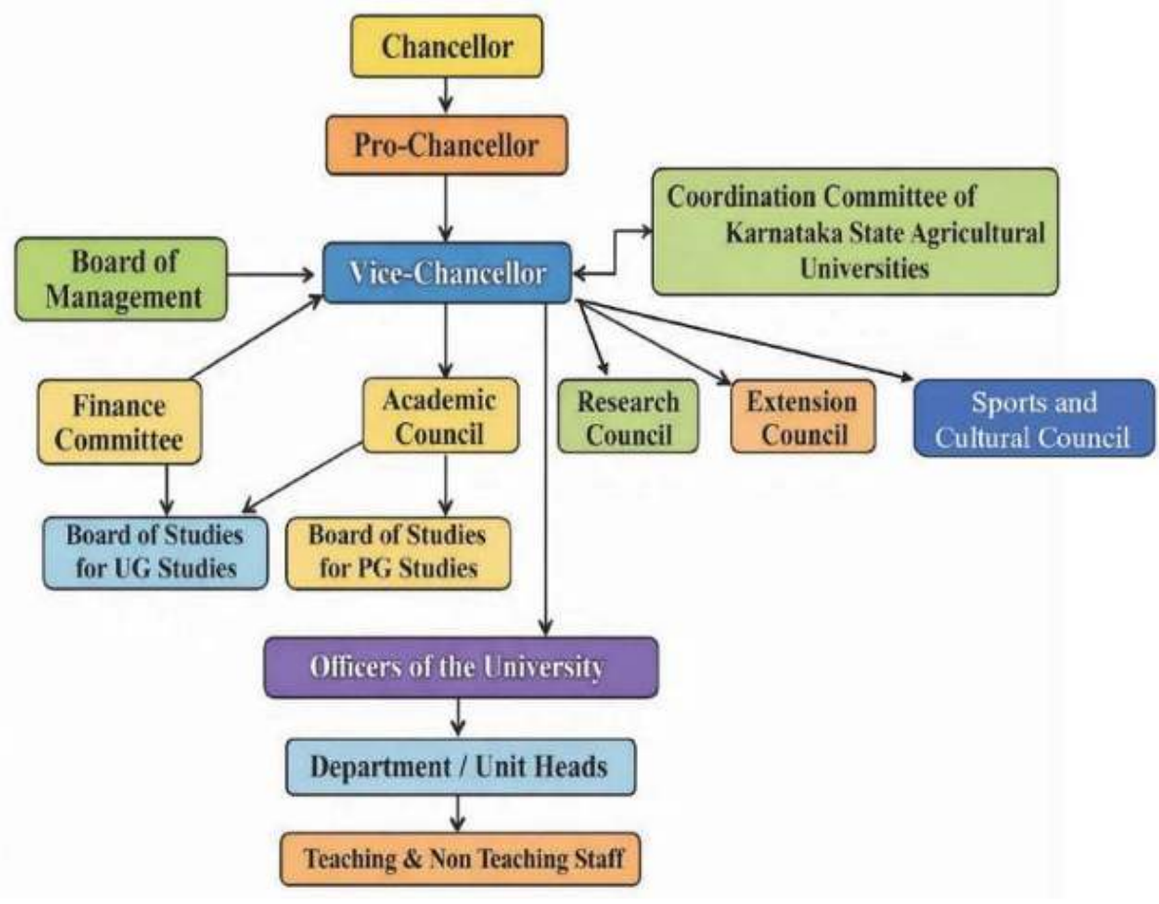
Jurisdiction 06 Districts	**Bengaluru South, Bengaluru Rural, Chikkaballapura, Kolar, Bangalore South, and Tumakuru**
Geographical Area (ha)	**26,47,063**

Jurisdiction of Colleges under UAS, Bangalore (as on April 2026)

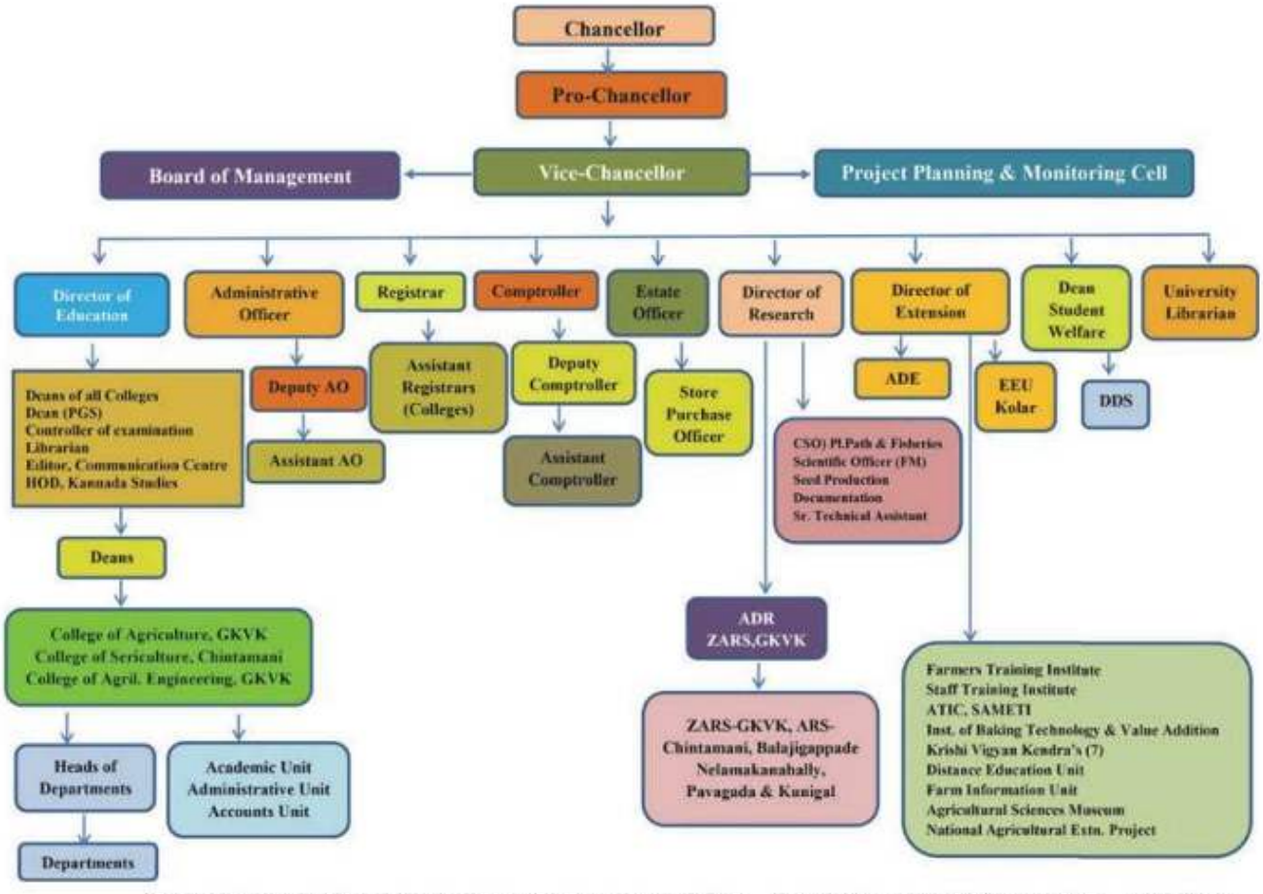
The University of Agricultural Sciences, Bangalore, is deemed to have been established and incorporated for the following purposes, namely: -

a) Making provision for imparting education towards the development of quality human resource in different branches of study specified in sub-section (3) of section 2;
b) Furthering the advancement of learning and conducting of research, particularly in agriculture and other allied sciences;
c) Undertaking the extension education of such science and technologies, especially for the rural people of the State;
d) Such other purposes as the State Government may, by notification in the official Gazette, specify from time to time and
e) Promoting partnership and linkages with National and International educational, industries, research, and other institutions.

The governance and organizational structure are outlined in Fig. below



Governance of UAS Bangalore (*UG: Undergraduate; PG: Postgraduate*)



Organisational Structure of UAS, Bangalore (*AO – Administrative Officer; ADE – Associate Director of Extension; ADR – Associate Director of Research; EEU- Extension Education Unit; DDSW – Deputy Director Students Welfare; CSO- Chief Scientific Officer; ZARS- Zonal Agricultural Research Station; ARS- Agricultural Research Station; ATIC – Agricultural Technology Information Center; SAMETI- State Agriculture Management & Extension Training Institute; HOD – Head of the Department*)

i) Authorization

The Karnataka Act No.22 of 1963 subsequently amended vide Karnataka Act No.10 of 2010, vests with powers the University of Agricultural Sciences, Bangalore, to institute various degrees, diplomas, and other academic distinctions. Accordingly, the University has the power to give instruction in agriculture, sericulture, and other allied sciences and in such other branches of learning as the University may deem to fit. The University has been authorized to establish and maintain colleges relating to agriculture, sericulture, agricultural engineering, agricultural marketing & cooperation, and other allied sciences, institute courses of study, and hold examinations leading to conferment of degrees, diplomas and other academic distinctions on persons who pursued a course of study or carried out research in the University or in an institution recognized in this behalf by the University. The University is empowered to award fellowships, scholarships, medals, prizes, and to confer honorary degrees or other distinctions as deemed fit. The University is also authorized to make provision for research and dissemination of the findings of research and technical information through an extension education programme. Keeping in view the wider objective of taking agricultural education to the farming community in the State, the

University has made provision to provide lectures and instructions for field workers, village leaders, and other persons not enrolled as regular students of the University and to grant certificates to them. The Academic Council and Board of Studies, which are statutory authorities of the University, oversee all the educational programmes.

ii) Statutory Authorities

The following shall be the authorities of the University.;

(1) Board of Management
(2) Finance Committee
(3) Academic Council
(3) Research Council
(4) Extension Education Council
(5) Faculties including postgraduate studies and their Board of Studies;
(6) Such other Bodies of the University as may be declared by the Statutes to be authorities of the University

(The copy of the Universities of Agricultural Sciences Act -2009 is enclosed)

iii) Co-ordination Committee for Agricultural Education, Research and Extension

As per Sec 67 of the UAS Act-2009, a Committee, "State Co-ordination Committee for Agricultural Education, Research and Extension" came in to force under the Chairmanship of Hon'ble Minister for Agriculture of the State for effective coordination in the activities of all the Agricultural Universities in the State, particularly in relation to teaching, research, extension education and other matters of common interests.

The Coordination Committee consists of the following members:

Sl. No.	Name & Designation	Position
1.	The Minister in charge of Agriculture, Government of Karnataka	Chairperson
2.	The Vice-Chancellors of all Agricultural Universities in the State	Member
3.	The Directors of Education, Research, and Extension of all Agricultural Universities in the State	Member
4.	The Registrars of all the Agricultural Universities in the State	Member
5.	The Secretary to the Government, Agriculture Department in the State	Member Secretary

Composition of the Present Coordination Committee

Sl. No.	Name & Designation	Position
1.	Sri N. Chaluvarayaswamy, Honorable Minister for Agriculture, Government of Karnataka, Bengaluru	Chairperson
2.	Dr. S. V. Suresha, Vice-Chancellor, University of Agricultural Sciences, Bangalore	Member
3.	Dr. P. L. Patil, Vice-Chancellor, University of Agricultural Sciences, Dharwad	Member

4.	Dr. M. Hanumanthappa, Vice-Chancellor, University of Agricultural Sciences, Raichur	Member
5.	Dr. R. C. Jagadish, Vice-Chancellor, Keladi Shivappa Nayaka University of Agricultural and Horticultural Sciences, Shivamogga	Member
6.	Dr. Vishnuvardhan, Vice-Chancellor, University of Horticultural Sciences, Bagalkot	Member
7.	Dr. K. C. Veeranna, Karnataka Veterinary, Animal and Fisheries Sciences University, Bidar	Member
8.	Dr. K. C. Narayanaswamy, Vice-Chancellor, University of Agricultural Sciences, Mandya	Member
9.	Dr. K. Madhusudan, Registrar, University of Agricultural Sciences, Bengaluru	Member
10.	Dr. Gururaj Tumakad, Registrar, University of Agricultural Sciences, Raichur	Member
11.	Dr. Shamarao Jahagirdar, Registrar, Keladi Shivappa Nayaka University of Agricultural and Horticultural Sciences, Shivamogga	Member
12.	Dr. P. T. Ramesh, Registrar, Karnataka Veterinary, Animal and Fisheries Sciences University, Bidar	Member
13.	Dr. P. S. Fathima, Registrar, University of Agricultural Sciences, Mandya	Member
14.	Dr. G.M. Devagiri, Director of Research, University of Agricultural Sciences, Mandya	Member
15.	Dr. B. M. Dushyant Kumar, Director of Research, Keladi Shivappa Nayaka University of Agricultural and Horticultural Sciences, Shivamogga	Member
16.	Dr. B. Fakruddin, Director of Research, University of Horticultural Sciences, Bagalkot	Member
17.	Dr. B. V. Shivaprakash, Director of Research, Karnataka Veterinary, Animal and Fisheries Sciences University, Bidar	Member
18.	Dr. N. Shivashankar, Director of Extension, University of Agricultural Sciences, Raichur	Member
19.	Dr. G. Ravishankar, IAS, Secretary to Government, Department of Agriculture, Multi-storey Building, Bengaluru	Member-Secretary

The details of the Coordination Committee meetings held from 2021-22 to 2025-26

Sl. No.	Year	Details of the meeting
1.	2021	29th Coordination Committee Meeting held on 22/01/2021
2.	2021	30th Coordination Committee Meeting held on 29/06/2021
3.	2022	31st Coordination Committee Meeting held on 23/02/2022
4.	2022	32nd Coordination Committee Meeting held on 22/12/2022
5.	2024	33rd Coordination Committee Meeting held on 01/02/2024
6.	2025	34th Coordination Committee Meeting held on 24/02/2025

iv) Board of Management

The Board of Management of the University is the policy-making body for the functioning of the University in all its spheres. The Board of Management exercises its power to establish and review basic policies that govern the institution based on Acts and Statutes, besides Regulations / Guidelines formed from time to time.

Composition of present Board of Management: As per Sec.12 (2) of the UAS Act-2009, the Board of Management consists of the following members:

U/Sec.	Criteria for Nomination	Position
12(2)(i)	The Vice-Chancellor	Chairman
12(2)(ii)	The Principal Secretary or Secretary to Government, Agriculture Department, or their nominee not below the rank of Joint Secretary	Ex-officio Member
12(2)(iii)	The Principal Secretary or Secretary to Government, Finance Department, or their nominee not below the rank of Deputy Secretary	Ex-officio Member
12(2)(iv)	The Principal Secretary or Secretary to Government, Horticulture Department, or their nominee not below the rank of Joint Secretary	Ex-officio Member
12(2)(v)	Three progressive farmers from the jurisdiction of the university, of whom one person shall belong to the Scheduled Caste or the Scheduled Tribes to be nominated by the State Government	Members
12(2)(vi)	One Member of the Karnataka State Legislative Assembly or Legislative Council on a rotation basis, nominated by the Speaker	Member
12(2)(vii)	One eminent educationist or expert in the Agriculture sector to be nominated by the Chancellor	Member
12(2)(viii)	One agro-industrialist or a woman social worker to be nominated by the Chancellor	Member
12(2)(ix)	One representative from the Indian Council of Agriculture Research to be nominated by the Director General	Member
12(2)(x)	One Dean to be nominated by the Vice-Chancellor, by rotation for a term of two years	Member
12(2)(xi)	Registrar of the University	Member-Secretary

The list of Board of Management meetings held from 2021-22 to 2025-26

Sl.No.	Year	Meeting Detail	Held on
1.	2021	388th Regular BoM Meeting	17/04/2021
		389th Regular BoM Meeting	06/07/2021
		389th Adj. Adjourned BoM Meeting	30/08/2021
		390th Special BoM Meeting	20/09/2021
2.	2022	391st Regular BoM Meeting	12/01/2022
		392nd Regular BoM Meeting	26/04/2022
		393rd Regular BoM Meeting	13/07/2022
		394th Special BoM Meeting	08/09/2022
		395th Regular BoM Meeting	16/12/2022
3.	2023	396th Emergent BoM Meeting	18/03/2023

		397th Special BoM Meeting	03/05/2023
		397th Extended BoM Meeting	18/05/2023
		398th Regular BoM Meeting	07/07/2023
		399th Emergent BoM Meeting	12/09/2023
		400th Regular Board Meeting	06/11/2023
4.	2024	401st Regular BoM Meeting	29/02/2024
		401st Extended BoM Meeting	06/03/2024
		402nd Regular BoM Meeting	20/06/2024
		403rd EMERGENT BoM Meeting	15/07/2024
		404th BoM Meeting	03/09/2024
5.	2025	405th Regular BoM Meeting	30/01/2025
		406th Special BoM Meeting	23/04/2025
		407th Regular BoM Meeting	14/05/2025
		408th EMERGENT BoM Meeting	23/05/2025
		409th Regular BoM Meeting	15/07/2025
		410th Regular BoM Meeting	20/09/2025
6.	2026	411th Regular BoM Meeting	13/01/2026

6.6.1.1. Vision, Mission, and Goals

In 1963, the Government of Mysore enacted the Karnataka University of Agricultural Sciences Act under the leadership of Shri S. Nijalingappa, laying the foundation for a dedicated agricultural university in the state. The University of Agricultural Sciences, Bangalore, was formally inaugurated on 21 August 1964 by Dr. Zakir Husain, former Vice President of India, and commenced its academic and research activities on 1 October 1965, marking a significant milestone in advancing agricultural education, research, and extension services across Karnataka.

Due to its wide scope and regional diversity, the University was bifurcated in 1986 into UAS, Bangalore and UAS, Dharwad, with UAS, Bangalore serving the southern districts of Karnataka. Subsequent restructuring further strengthened specialization in agricultural education, leading to the establishment of separate universities at Bidar (2005), Bagalkot (2009), Shivamogga (2012), and Mandya (2025). Additionally, two affiliated colleges were added to UAS, Bangalore, during 2024–25, further strengthening its academic network. Following these developments, UAS, Bangalore continues to maintain a broad geographic presence, with its teaching, research, and extension activities spread across multiple campuses covering six districts of Karnataka.

Vision

The University of Agricultural Sciences, Bangalore (UASB) focuses its vision on being a leader in agricultural education and research to ensure food security and rural prosperity. The main vision is to make the University a premier institution for higher education and research in agriculture and allied sciences for enhancing the productivity and profitability of the farming community of Karnataka and the country. The main goal is to transform the University into a world-class farm University by establishing a robust knowledge ecosystem through its unique programmes in teaching, translational research, and strategic extension activities.

Complementing the vision, the University's mission is to provide leadership in agricultural education, research, and extension by integrating these three components to provide holistic solutions for the agricultural sector.

Mission

The University's mission is to provide leadership in agricultural education, research, and extension by developing quality human resources in agriculture and allied disciplines, generating cutting-edge and competitive technologies, and evolving efficient dissemination mechanisms to serve the farming community of the State and the Country.

Recognized nationally and internationally for its academic excellence, UAS Bangalore remains dedicated to its mission of revolutionary research and extension services. By modernizing agriculture across the state, the University is committed to ensuring the prosperity and well-being of the farming community.

Goals

a) To provide education for the development of quality human resources in various branches of agriculture and allied subjects.

b) To advance learning and promote research, particularly in agriculture and allied sciences.

c) To undertake extension education in agricultural science and technologies, especially for the rural population of the State.

d) To carry out such other purposes as may be specified by the State Government through notifications in the Official Gazette from time to time.

e) To promote partnerships and linkages with national and international educational institutions, industries, research organizations, and other relevant bodies.

f) To promote sustainable, technology-driven, and inclusive agriculture by strengthening education, research, and extension, enhancing farmers' income, and contributing to the vision of a developed India (Viksit Bharat) by 2047.

The UAS, Bangalore, has been bestowed twice with the prestigious 'Sardar Patel Outstanding ICAR Institution Awards'. The University has achieved sixth rank during 2020 in the Agricultural University Ranking System (AURS), ICAR, New Delhi. During the last decade, consistently, the University is among the top three State Agricultural Universities for the maximum number of Junior Research Fellowships.

The University has maintained a commendable 11th rank among 145 agricultural universities in India and is also ranked 95th overall. Furthermore, it holds the 37th position among State Public Universities, according to the 2025 NIRF rankings.

The University is accredited by the National Agricultural Education Accreditation Board (NAEAB) under ICAR, with an 'A' Grade (score- 3.261). UAS is also a participant in the prestigious ASEAN-Indian Fellowship Programme, further enhancing its international collaboration.

GKVK campus at Bengaluru is dedicated to *in-situ* conservation, preservation of landraces and indigenous breeds. Spanning 559 hectares, with 167 hectares designated as a biodiversity heritage site,

the campus is recognized as one of the greenest areas in Bengaluru. Mahatma Gandhi Botanical Garden within the campus houses a diverse collection of 1,009 significant plant species. The campus's rich biodiversity includes 13 mammals, 10 reptiles, 165 birds, and 520 plant species. The University has planned, developed, implemented, and evaluated intentional and purposeful programs/services facilitated by students, faculty, farmers, industrialists, and other stakeholders of the University in the areas of Teaching, Research, and Extension by reorienting the Vision of the University time and again.

Vision-2025

The University's Vision-2025 focused on empowering farmers in Karnataka by enhancing productivity and income security through climate-resilient technologies, value addition, and improved market systems for sustainable livelihoods. The key goals and targets of Vision-2025 are guiding principles and key drivers as follows:

a) To increase farmers' income by enhancing production, reducing the cost of cultivation, and strengthening market infrastructure for sustainable livelihoods.

b) To ensure long-term sustainability of agriculture and allied sectors by promoting improved soil fertility and efficient feeding practices in animal-based enterprises.

c) To establish strong forward linkages that enable farmers to store, process, and market their produce efficiently at remunerative prices with minimal losses.

d) To diversify farmers' income sources to ensure stability and year-round income generation.

e) To generate employment for both skilled and unskilled labour, engage farm family labour more effectively, and develop a pool of skilled technicians to support farmers.

f) To reduce rural migration by making agriculture more attractive and profitable, thereby encouraging rural youth to remain in villages.

g) To address the issue of farmers' distress, including suicides, by promoting better social security through assured and stable income.

Vision-2030

The Vision-2030 plan focuses on streamlining agricultural education to impart quality education and to encompass frontier sciences to develop agricultural scientists with global competitiveness. The vision aims to take up research for the development of cutting-edge technologies, identifying production and marketing environments. Priority will be to take developed technologies closer to the farmers to reap the benefits of the University's efforts during the vision period. The major goals of Vision-2030 are in the following key areas:

a) Generate new knowledge and quality of human resources in support of the sector.
b) Develop end-use technologies to resolve farmer issues and foster research conceptual advances in agricultural disciplines.
c) Evolve a mechanism for sustainable utilization and management of natural resources.
d) Develop innovative outreach systems for knowledge transfer at all levels of the supply chain

e) Establishment of state-of-the-art infrastructure for effective teaching and research programmes.
f) Promoting partnerships and linkages with national and international educational institutions, industries, research, and other institutions.

Vikasit Bharat 2047 (विकसित भारत 2047; ಅಭಿವೃದ್ಧಿ ಹೊಂದಿದ ಭಾರತ 2047):

The Viksit Bharat initiative of the Government of India represents an ambitious vision to transform the nation into a developed country by 2047, coinciding with the centennial of its independence. In alignment with the vision of Viksit Bharat 2047, the University aims to transform agriculture into a sustainable, technology-driven sector that enhances farmers' income and ensures long-term food and nutritional security. To achieve this, the following objectives are proposed:

Core objective:

- To develop and promote climate-resilient, high-yielding crop varieties and sustainable farming practices that support productivity, resilience, and nutritional security.

Specific goals:

Short-Term (2026–2030):

- Advance technology-driven agriculture through the integration of precision farming, biotechnology, artificial intelligence, and digital tools to improve productivity and resource-use efficiency.
- Promote inclusive agricultural development by strengthening Farmer-Producer Organizations (FPOs), supporting agri-startups, and encouraging the participation of youth and women in agriculture.
- Strengthen education, research, and extension systems to build skilled human resources and ensure effective transfer of innovations to farmers.

Medium-Term (2030–2040):

- Enhance farmers' income and rural livelihoods through value addition, improved post-harvest management, agri-processing, and stronger market linkages.
- Scale up inclusive, technology-led agricultural interventions for broader adoption and greater impact.

Long-Term (2040–2047):

- Develop integrated and diversified farming systems supported by improved infrastructure, efficient supply chains, and export-oriented strategies to achieve sustainable agricultural growth.

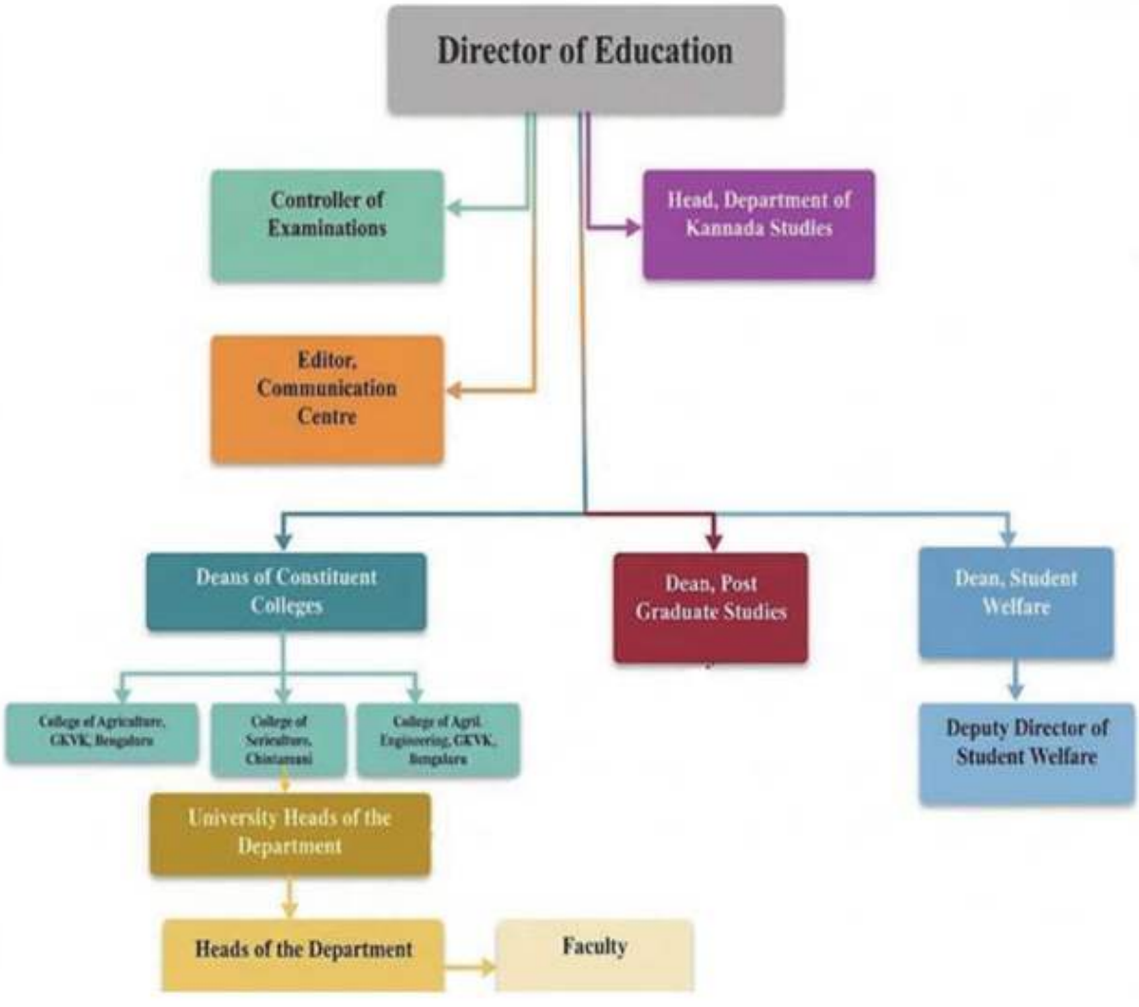
Directorate of Education

The Directorate of Education plays a central role in ensuring the effective functioning and academic excellence of a University. As per the Government of Karnataka Act, it is primarily

responsible for coordinating teaching, research, and extension programmes, thereby maintaining a balanced integration of academic activities. The Directorate focuses on policy formulation and system development related to resident instruction, educational technology, and teacher training programmes. In addition, it oversees the conduct of examinations, ensuring transparency and efficiency in the evaluation process. The organizational structure of the Directorate of Education is presented in Fig 4.

Objectives of Teaching and Academic Programmes

a) To make agricultural education responsive to the growing and changing needs of society in general and the aspirations of the farming community in particular.
b) To establish a dynamic system of agricultural education to train highly skilled and competent manpower to address the challenging tasks with new emerging areas of research, extension, and industry.

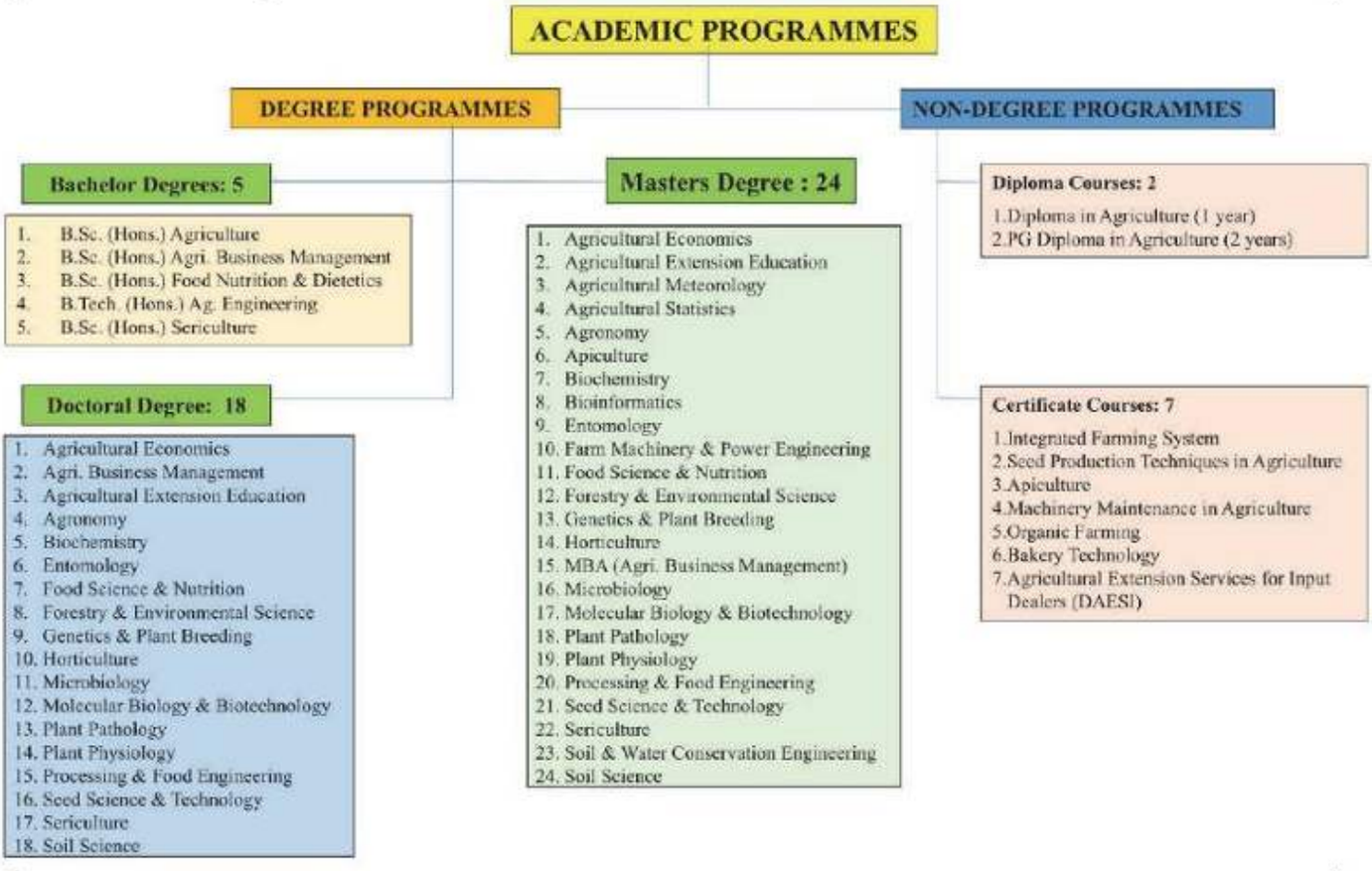


Organisational Structure of Directorate of Education

The University has expanded its academic programs to meet the diverse human resource requirements arising from the changing agricultural scenario, in line with the recommendations of the 5th and 6th Deans' Committees (for undergraduate programs) and the BSMA Committee (for postgraduate

programs). The Directorate coordinates a range of new, technology-oriented undergraduate and graduate degree programs in the disciplines of Agriculture, Sericulture, Food Nutrition and Dietetics, Agribusiness Management, and Agricultural Engineering. In addition, the University offers postgraduate programs in 24 disciplines and doctoral programs in 18 disciplines (Fig. 5). The Directorate also oversees two diploma and eight certificate courses offered across the University's three campuses.

The University has three constituent colleges, namely, the College of Agriculture at GKVK, the College of Sericulture at Chintamani, and the College of Agricultural Engineering at GKVK, Bengaluru. The Directorate monitors the academic activities of these colleges, as well as two affiliated colleges.



Degree, Diploma, and Certificate programs offered by UAS, Bangalore

The University implemented the Student READY programme for final-year students across all degree programmes. The programme includes Rural Agricultural Work Experience, Agro-Industrial Attachment, Experiential Learning, Cross-Learning, and a Finishing School component. These elements are designed to be interactive, fostering experiential and participatory learning while strengthening students' problem-solving skills. The University gives significant importance to extracurricular activities and soft skills development. The Skill Development Centre at UAS, Bangalore, funded by ICAR, supports students in competitive exam preparation, with special focus on SC/ST students. The University also has a robust academic support system, including a proactive Mentor-Mentee Scheme, where dedicated mentors monitor students' academic performance and provide continuous guidance.

UAS, Bangalore, collaborated with Western Sydney University, New South Wales, Australia in 2022 to offer a Dual Doctoral Degree programme, jointly administered and examined by both Universities under a dual arrangement, leading to separate degrees upon successful completion of the respective requirements. So far, one student from the Department of Entomology has completed the Dual Degree Doctoral Programme, and two students from the Department of Agronomy joined Western Sydney University, Australia in 2024.

UASB strengthens its student-friendly academic environment by training faculty through national and international programmes and maintaining an optimal student–faculty ratio, thereby ensuring personalized attention and effective learning. All these academic activities are coordinated and monitored by the Directorate of Education.

Directorate of Research

The Directorate of Research is the apex coordinating body for agricultural research activities in the university system. The Directorate of Research plays a pivotal role in steering, coordinating, and strengthening the university's research ecosystem in agricultural and allied sciences. Its primary importance lies in providing strategic direction for planning, implementing, and monitoring research activities across various disciplines to address region-specific, national, and global agricultural challenges. The Directorate ensures effective coordination of research projects funded by national and international agencies, promotes interdisciplinary and problem-oriented research, and facilitates the development of innovative technologies for sustainable agriculture. It also oversees the functioning of research stations, laboratories, and All India Coordinated Research Projects (AICRPs) associated with the University.

A key function of the Directorate is to facilitate collaboration with national and international research institutions, industries, and farmers' organizations, thereby enhancing the relevance and impact of research outputs. It also supports capacity building of scientists through training, workshops, and exposure visits, and encourages publication of research findings in reputed journals. In addition, the Directorate plays a crucial role in technology generation, validation, and dissemination, ensuring that research outcomes reach farmers and other stakeholders for practical adoption.

Objectives of Research

a) To plan, coordinate, and conduct research for developing location-specific, innovative, and sustainable technologies in agriculture and allied sectors that address farmer needs and emerging challenges.

b) To effectively manage research projects, infrastructure, funding, and human resources, while promoting advanced facilities, capacity building, and ensuring quality research output across the university system.

c) To validate and refine technologies, strengthen research–extension linkages, promote collaboration with national and international institutions, and ensure effective dissemination of research findings for farmer adoption and agricultural development.



Organisational Structure of Directorate of Research (*ZARS- Zonal Agricultural Research Station; ARS- Agricultural Research Station*)

The University has established a strong legacy of excellence and innovation and celebrated its Diamond Jubilee in 2025, marking 60 years of significant contributions to the agricultural sector. Over the six decades, it has earned numerous national and international accolades for its achievements in agricultural research, technology development, and human resource generation. Currently, the Directorate of Research primarily caters to the agricultural research needs of six southern districts of Karnataka. These regions fall under diverse agro-climatic zones, including the Eastern Dry Zone (Zone 5), parts of the Southern Dry Zone (Zone 6), and the Central Dry Zone (Zone 4). Through region-specific research and technology development, the University addresses the unique challenges of these zones, contributing to sustainable agricultural growth and improved farmer livelihoods (Fig. 6).

The Directorate coordinates location-specific, strategic, and participatory research programmes through five Agricultural Research Stations and one Organic Farming Research Station, which are monitored by the Zonal Research Station at GKVK. These coordinated efforts are primarily aimed at addressing the challenges faced by small and marginal farmers, improving their standard of living, and ensuring food security by enhancing productivity and efficient utilization of agricultural resources without causing adverse environmental impacts. Concerted efforts are continuously being made to develop and refine sustainable technologies that address location-specific problems in agriculture and allied sectors, thereby promoting resilient and eco-friendly farming systems.

Directorate of Extension

The Directorate of Extension plays a pivotal role in bridging the gap between agricultural research and field-level application. The Directorate has a statutory mandate to provide extension services. Its significance lies in ensuring that scientific innovations developed by the University reach farmers in a timely and usable form, thereby improving agricultural productivity and rural livelihoods. A key importance of the Directorate is its function as a linking agency between researchers and farmers. It facilitates the transfer of proven technologies from research stations to farming communities through systematic extension programmes.

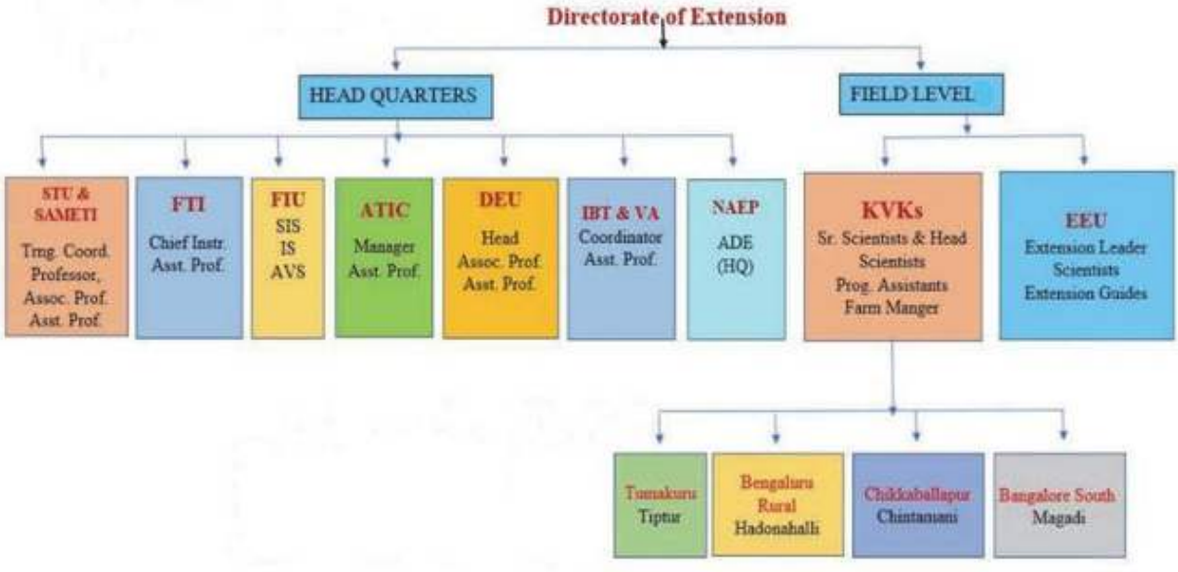
Through its various units, the Directorate serves as a key support system for farmers, enabling them to access solutions to their field-level problems. It also plays an important role in enhancing their

knowledge, improving farm productivity, and ultimately strengthening their economic status and livelihoods.

Objectives of Extension

a) To ensure that the research findings and innovations, after their proven demonstration, are communicated to the farmers on a logistically feasible scale. This mechanism acts as an interface between farmers and researchers and enables the identification of problems through positive feedback.

b) To reach the knowledge and technology to farmers on a wider scale by training the grassroots level workers and officers of the state departments of agriculture, horticulture, and sericulture on recent advances in the respective fields through Subject Matter Specialists.



INDEX		
STU-Staff Training Unit	SAMETI- State Agriculture Management Extension Training Institute	IBT&VT- Institute of Baking Technology and Value Addition
FIU -Farm Information Unit	DEU- Distance Education Unit	FTI - Farmers Training Institute
SIS -Senior Information Specialist	ASM- Agriculture Sciences Museum	ATIC - Agricultural Technology Information Centre
IS - Information Specialist	ADE- Associate Director of Extension	NAEP - National Agricultural Extension Project
AVS - Audio-Visual Specialist	TOT- Transfer of Technology	KVK- Krishi Vigyan Kendra

Organisational Structure of the Directorate of Research

The Directorate has played a pivotal role in implementing frontline extension activities by actively involving all stakeholders in technology dissemination, as well as in identifying field-level problems that require appropriate technological interventions. The Directorate manages several key outreach and extension units, including the Agricultural Technology Information Centre (ATIC), UAS Agri-portal, Krishi Vigyan Kendras (KVKs), Extension Education Units (EEU), Bakery Training Unit (BTU), Staff Training Unit (STU), Farm Information Unit (FIU), National Agricultural Extension Project (NAEP), Distance Education Unit (DEU), State Agricultural Management and Extension Training Institute (SAMETI), Agricultural Sciences Museum (ASM), and Farmers' Training Institute (FTI). Through efficient coordination and integration of these units, the Directorate has significantly strengthened its extension outreach. As a result, these initiatives have received national recognition and commendation for their effective contribution to agricultural extension activities at both the State and National levels.

6.6.1.2 Statutes and Regulations

Subject to the provisions of this Act, the Statutes of the University may provide for any matter connected with the affairs of the University.

i) List of Statutes and Regulations published in the gazette notification and implemented (year-wise from 2021-22 to 2025-26)

Sl. No.	Title	Year of Publication
1.	The Statutes 1991 (As amended up to 31/12/1988) (*Annexure-6*)	1991
2.	The Statutes 2008 (Amendments incorporated up to 31/07/2008) (*Annexure-7*)	2008
3.	The Statutes Governing Qualifications and Scorecard for direct recruitment of Assistant Professor (entry level) posts (*Annexure-8*)	04/08/2021
4.	The Statutes Governing Qualifications and Score-card for Direct Recruitment and Promotions of Teachers, Library & Physical Education Faculty in Agricultural Universities of Karnataka (*Annexure-9*)	15/03/2023

ii) Regulations

As per Sec.54 of the UAS Act-2009, the authorities of the University may make regulations consistent with the Act and Statutes for various purposes such as;

- For laying down procedures for meetings of higher authority and the conduct of meeting business,
- Providing for matters which by this Act or the Statutes are to be regulated by Regulations subject to such direction as the Board may from time to time give in this behalf.
- For making provisions through the Academic Council towards;

  (a) holding of convocations to confer degrees and diplomas;

  (b) conferment of honorary degrees, academic distinctions, and withdrawal of degrees;

  (c) Courses of study to be laid down for all degrees, diplomas, and certificates of the University;

  (d) Institution of fellowships, scholarships, stipends, bursaries, medals, and prizes, and the conditions of award thereof;

  (e) Entrance or admission of the students of the University and their enrolment and continuance as such, and the conditions and procedures for dropping students from enrolment, *etc.*

The regulations made by any authority of the University shall be subject to such directions as the Board of Management from time to time gives on this behalf.

a) List of Regulations (published by the University since its inception)

Sl. No.	Title	Year of Publication
1.	The Regulations Governing Qualifications and Scorecard for direct recruitment of Assistant Professor (entry level) posts	04/08/2021
2.	The Regulations Governing Qualifications and Score-card for Direct Recruitment and Promotion of Teachers, Library & Physical Education Faculty in Agricultural Universities of Karnataka	15/03/2023
3.	Undergraduate Degree Programmes Academic Information and Regulations	1995 2001 2005 2006 2007 2008 2011 2013 2014 2015 2016 2018 2020 2022-23 2024-25
4.	Postgraduate Degree Programmes Academic Information and Regulations	1994 1995 1999 2000 2004 2006-07 2007-08 2008-09 2009-10 2010-11 2011-12 2013-14 2015-16 2016-17 2017-18 2020-21 2021-22 2022-23 2024-25 2025-26

6.6.1.3. University Statutory Officers and their Selection Process

The Officers of the University, as specified in clauses (iv) to (ix) of Section 24 of the UAS Act-2009, shall be appointed by the Vice-Chancellor with the approval of the Board of Management on such terms and conditions as may be prescribed. Provided that, the Vice-Chancellor may make appointments of

such officers as a temporary measure for a period of six months under intimation to the concerned authority of the University.

Sl. No.	Name of the Officers	Date of Appointment	Date of duty Report	Tenure	Mode of Appointment (Selection/Nominee)
1.	Dr.S.V.Suresha Vice-Chancellor UASB, GKVK, Bengaluru	28-10-2022	28-10-2022	4	Appointed
2.	Dr.S.V.Suresha Director of Education (Addl. Chg.), UAS, GKVK, Bengaluru	30-08-2024	30-08-2024	3	Nomination
3.	Dr. H. S. Shivaramu Director of Research (Ind. Chg.), UASB, GKVK, Bengaluru	31-05-2024	31-05-2024	3	Nomination
4.	Dr. Y. N. Shivalingaiah Director of Extension (Concurrent Chg.) UASB, GKVK, Bengaluru	30-10-2024	30-10-2024	3	Nomination
5.	Dr. P. Venkataravana Dean (PGS) (Concurrent Chg.) UASB, GKVK, Bengaluru	02-03-2026	02-03-2026	3	Nomination
6.	Dr. N. B. Prakash Dean (Agri.) (Ind. Chg.) College of Agriculture, UASB, GKVK, Bengaluru	30-08-2024	30-08-2024	3	Nomination
7.	Dr. Ramakrishna Naika Dean (Seri.) (Ind. Chg.) College of Sericulture, Chintamani	02-03-2026	02-03-2026	3	Nomination
8.	Dr. K. Madhusudhan Registrar (Concurrent Chg.) UASB, GKVK, Bengaluru	02-02-2026	02-02-2026	3	Nomination
9.	Dr. Shivakrishna. S. D University Librarian (Addl. Chg.), UASB, GKVK, Bengaluru	31-01-2026	31-01-2026	3	Nomination
10.	Dr. Mohan I. Naik Dean (Student Welfare) (Concurrent Chg.) UASB, GKVK, Bengaluru	29-07-2024	29-07-2024	3	Nomination
11.	Smt. Surekha Reddy. B Comptroller (Addl. Chg.) UAS, GKVK, Bengaluru	31-01-2026	31-01-2026	3	Nomination

12.	Smt. Prathibha. M. S. Administrative Officer (Addl. Chg.) UASB, GKVK, Bengaluru	31-07-2023	31-07-2023	3	Nomination
13.	Mr. D. Krishnamurthy Estate Officer (Ind. Chg.) UASB, GKVK, Bengaluru	31-03-2020	31-03-2020	3	Nomination
14.	Dr. Rajashekarappa Special Officer, College of Agriculture Engineering, UASB, GKVK, Bengaluru	31-05-2025	31-05-2025	3	Nomination

i) Selection Process of University Statutory Officers and the reasons for those statutory officers who have not been appointed so far

The State Government had earlier issued a circular instructing that no notifications be published or issued for direct recruitment. However, the Government has now withdrawn these instructions. Accordingly, necessary action will be taken to proceed with the appointment of the officer.

ii) Details of the selection process

The Selection Process of the Officers' Posts will be done as per the Guidelines & Score-Card published in the Notification No. AO/RT/Qualification & Score-card (Officers Posts)/2019-20 dt: 29-11-2019 (Published in the Karnataka Gazette on 26-12-2019) of UAS, Bangalore (Copy enclosed).

iii) The allocation of marks out of 100 marks for the Recruitment of Director of Education, Director of Research, Director of Extension & Dean's Post

Sl. No.	Particulars	Marks allotted
1	Academic Qualifications	12
2	Academic/Administrative Experience (in the cadre of Professor & above).	15
3	Externally funded projects operated (in the cadre of Professor & above).	10
4	Organizing Symposia/Seminars/Summer Institutes/ Winter Institutes/Refresher courses/Workshops/Training programmes/ Krishimela's/ Extension Field days/ Exhibitions (in the cadre of Professor & above).	05
5	Scientific publications (in the cadre of Professor & above).	15
6	Outstation experience	05
7	Special Awards/Medals/Fellowships/Recognitions only for Professional Excellence in Teaching/ Research/ Extension (in the cadre of Professor & above).	05
8	Discipline Contribution/Institution Building/Special Attainment in Teaching/Research/Extension (in the cadre of Professor & above).	15
9	International exposure	03
10	Confidential reports of the preceding 5 years (in the cadre of Professor & above).	05
11	Performance in the interview	10
Total Marks		**100**

iv) The allocation of marks out of 100 marks for the Recruitment of University Librarian

Sl. No.	Particulars	Marks allotted
1	Academic Qualifications	14
2	Academic/Administrative Experience in the field of Library and Information Science/Documentation Science (in the cadre of Librarian and above)	10
3	Externally funded projects (in the cadre of Librarian and above)	05
4	Organizing Symposium/Seminar/ Summer Institute / Winter Institute / Refresher Course/Workshop & Training Programme (in cadre of Librarian and above)	10
5	Scientific publications (in the cadre of Librarian and above)	20
6	Outstation experience.	03
7	Special Awards/ Medals/ Fellowships/ Recognitions only for Professional excellence in Teaching/ Library and Information Science/Documentation (in the cadre of Librarian & above).	05
8	Discipline Contribution/Institution Building/ Special Attainment in Library and Information Science (in the cadre of Librarian & above).	15
9	International Exposure.	03
10	Confidential reports of the preceding 5 years. (in cadre of Librarian and above)	05
11	Performance in the interview	10
	Total Marks	**100**

v) Reason for not been appointing Statutory Officers so far:

The selection process for officer posts is currently in progress.

6.6.1.4 Decentralization of Powers

The University has been focusing on decentralization for the effective implementation of plans and policies. The details of the decentralization of powers to the Directors and Deans of UAS, Bangalore, are indicated below.

Details of Decentralization of Powers

Sl. No.	Statutory officer	List of Financial Autonomy	List of Administrative Powers
1.	**The Chancellor**	The Chancellor shall exercise such other powers and discharge such other duties as are conferred or imposed on him by this Act or the Statutes.	1) The Governor of the State of Karnataka shall, by virtue of his office, be the Chancellor of the University. 2) The Chancellor shall be the Head of the University and shall, when present, preside at the convocation of the University. 3) Every proposal to confer an honorary degree shall be subject to the confirmation of the Chancellor, with the approval of the Board of Management.

Sl. No.	Statutory officer	List of Financial Autonomy	List of Administrative Powers
			4) The Chancellor may by an order in writing annul any order or proceeding of the officer or authority of the University which is not in conformity with this Act and Statutes: Provided that before making any such order he shall call upon the officer or authority concerned to show cause why such an order should not be made and if any cause is shown within the time specified in this behalf, he shall consider the same. 5) The Chancellor shall exercise such other powers and discharge such other duties as are conferred or imposed on him by this Act or the Statutes.
2.	**The Pro-Chancellor**	The Pro-Chancellor shall exercise such powers and discharge such functions of the Chancellor as may be conferred on him by or under this Act or under the Statutes.	1) The Minister for Agriculture for the State of Karnataka shall, by virtue of his/her office, be the Pro-Chancellor of the University. 2) The Pro-Chancellor shall exercise such powers and discharge such functions of the Chancellor as may be conferred on him by or under this Act or under the Statutes. He shall also exercise such other powers and discharge such other functions of the Chancellor as the Chancellor may by order in writing delegate to the Pro-Chancellor, and such delegation may be subject to such restrictions as may be specified in such order. 3) She/he shall preside over the convocation in the absence of the Chancellor
3.	**Vice-Chancellor**	• To consider and approve the financial estimates and the budget of the University; • To hold and control the property and the funds of the University and	1) The Vice-Chancellor shall be the principal executive academic officer of the University and ex officio Chairperson of the Board of Management, Academic Council and other authorities, and shall, in the absence of the Chancellor and Pro-Chancellor, preside at the Convocation

Sl. No.	Statutory officer	List of Financial Autonomy	List of Administrative Powers
		issue any general directive on behalf of the University; • With the prior approval of the Government, to accept or transfer any movable or immovable property on behalf of the University; • To administer funds placed at the disposal of the University for the purpose intended; • To arrange for the investment and withdrawal of the funds of the University; • To borrow money for capital investments with prior approval of the Government and make suitable arrangements for its repayment; • To accept on behalf of the University trust, bequests and donations;	of the University and confer degrees on persons entitled to receive them. 2) Shall exercise general control over the affairs of the University and shall be responsible for the maintenance of discipline in the University. 3) Shall convene meetings of the Board, Academic Council, Research Council, and Extension Education Council. 4) Shall ensure observance of the provisions of this Act, Statutes, and Regulations. 5) Shall be responsible for the presentation of the annual financial estimates and the annual accounts to the Board. 6) May take any action in any emergency, which, in his opinion, calls for immediate action. He shall, in such case, and as soon as may be thereafter, report his action to the authority or body, which will ordinarily have dealt with the matter. If the authority or body disagrees with the action of the Vice-Chancellor, the matter shall be referred to the Chancellor, whose decision thereon shall be final. Where any action taken by the Vice-Chancellor affects any person in the service of the University, such person may prefer an appeal to the Board within thirty days from the date on which such person has been served with a notice of the action taken. 7) Subject to the provisions of the preceding sub-sections (7, 8 & 9) the Vice-Chancellor shall give effect to the decisions of the Board regarding the appointments, promotions and dismissal of officers, teachers and other employees of the University. 8) Shall be responsible for the proper administration of the affairs of the University and for a close Co-

Sl. No.	Statutory officer	List of Financial Autonomy	List of Administrative Powers
			ordination and integration of teaching, research and extension education. 9) Shall exercise such other powers and perform such other duties as are conferred or imposed upon him under the provisions of this Act and Statutes.
4.	**Director of Education**	Dedicated financial provisions have been made for the Directorates, and the Director of Education has financial sanctioning powers up to Rs.2.00 lakh for each activity	1) Shall be responsible for the coordination of teaching, research, and extension programs of the University. He will be concerned with the policy matters and system regarding resident instruction in the University, and development of educational technology and teachers' training programme and also oversee examinations. 2) Shall be responsible for maintaining permanent records of the Academic Council, Board of studies Under Graduate and Post Graduate Studies and maintaining students' discipline. 3) Shall function as Member Secretary of the Academic Council and chairman of Board of Studies for under graduate and post graduate programs. 4) Shall Co-ordinate and review all research and extension education programs in the university. 5) Shall oversee the activities of communication centre and University Publications. 6) Shall perform such other duties as may be prescribed or as may be assigned to them from time to time, by the Vice-Chancellor.
5.	**Director of Research**	Dedicated financial provisions have been made for the Directorate of Research, and the Director of Research has financial sanctioning powers up	1) Shall be responsible for the direction and Co-ordination of research programmes in the University and efficient working of research stations. 2) Shall co-ordinate planning and prosecution of research conducted by the University, excepting research done by the students to meet degree

Sl. No.	Statutory officer	List of Financial Autonomy	List of Administrative Powers
		to Rs.2.00 lakh for each activity	requirements and by teachers to improve their teaching ability; 3) Shall prepare annual budget estimates for such research as many be required by the University and supervise the publication of research results; 4) Shall responsible for promoting team approach to research problems and foster project-wise rather than Division-wise research and for this purpose. 5) Shall be responsible to the Vice-Chancellor in the exercise of the powers and discharge of duties under the Act and Statutes.
6.	**Director of Extension**	Dedicated financial provisions have been made for the Directorate of Extension, and the Director has financial sanctioning powers up to Rs.2.00 lakh for each activity	1) Shall be responsible for the Agriculture Extension Education programmes of the University. 2) Shall be responsible for preparation of yearly programmes and budget needs for the education of cultivators and other non-students in connection with extension schemes; 3) Shall supervise off-campus programmes of the University dealing with agricultural co-operatives, rural youth programmes, short courses for cultivators, training of non-students of extension education; 4) Shall be responsible for the development of information materials such as publications, films, etc., for use in all phases of the extension work; 5) Shall coordinate all agricultural extension education work in the State with the assistance and guidance of the Extension Council. 6) Shall supervise the conduct of demonstrations and training programmes for the benefit of various stakeholders with the assistance of agencies of the Centre and the State.

Sl. No.	Statutory officer	List of Financial Autonomy	List of Administrative Powers
			7) Shall assist the Vice-Chancellor in the exercise of powers and discharge of duties under the Act and Statues.
7.	**Dean of Post Graduate Studies**	Dedicated financial provisions have been made for the Dean (PGS)	1) Shall be responsible for the organization and conduct of postgraduate teaching in all the constituent colleges of the University. 2) Shall, in collaboration with the Director of Research, be responsible for the coordination of research of postgraduate students and integration with the research programme of the University. 3) Shall preside over the meetings of the postgraduate Board of Studies and forward recommendations to the Vice - Chancellor in consultation with Director of Education. 4) Shall be responsible for maintenance of proper standards of postgraduate instructions in consultation with Heads of Departments especially for periodic evaluation of effective curricula. 5) Shall be a member of the Advisor Committee for Research Council, and Extension Education Council. 8) Shall perform such other duties as may be entrusted by the Vice-Chancellor from time to time.
8.	**Deans of constituent Colleges**	Dedicated financial provisions have been made for the Dean (Agri)	1) Shall perform the function of co-ordinating and supervising the under graduate academic activities of the constituent colleges, which are under the control of the Directors of Education. 2) Shall perform timely preparation and publication of the University Catalogue and Time Table, assisted by the Registrar and Director of Education 3) Shall responsible for organization and conduct of teaching in the Departments comprising the College and for that purpose shall pass such

Sl. No.	Statutory officer	List of Financial Autonomy	List of Administrative Powers
			orders as may be necessary in consultation with concerned Heads of Departments. 4) Shall preside over the meetings of the Board of Studies of the College and formulate and present policies to the Board of Studies for its considerations. 5) Shall assume such other duties and powers as the Vice-Chancellor may assigned to him.
9.	**Registrar**	Dedicated financial provisions have been made for the Registrar	1) Shall be Member Secretary of the Board of Management and shall be permanent member of all councils. 2) Shall be responsible for the due custody of records and common seal of the university. 3) Shall receive applications for entrance to the University, and shall keep a permanent record of all courses, curricula and other information as may be necessary. 4) Shall be responsible for human resource development and general administration in the university as prescribed. 6) Shall act as liaison officer between the University and the State and Indian Governments and other bodies under the instructions of the Vice-Chancellor.
10.	**University Librarian**	Dedicated financial provisions have been made for the University Librarian	1) Shall be responsible for the maintenance and management of the University Library information system and to guide and coordinate library activities of all the constituent units of the University under the supervision of Director of Education. 2) Shall be responsible for the maintenance and management of the University Library Information System and to guide and co-ordinate library activities of all the constituent units of the University.

Sl. No.	Statutory officer	List of Financial Autonomy	List of Administrative Powers
			5) Shall perform such other duties as may be prescribed or as may be assigned to him from time to time, by the Vice-Chancellor.
11.	**The Dean of Student Welfare**	Dedicated financial provisions have been made for the DSW	1) Shall plan and direct the programme of students counselling and to enlist the co-operation of employers/employment agencies to assist in placement of graduates of the University. 2) Shall plan and organize students' extra-curricular activities such as sports, cultural and other recreational activities, NCC, NSS and communication skill improvement and other allied activities at University. 3) Shall assist the Deans in supervision and management of students' hostel, cafeteria, and conduct of sports and cultural events. 4) Shall supervise and control medical and health services and other welfare measures of students in the University. 5) Shall perform such other duties as may be prescribed or as may be assigned to him from time to time by the Vice-Chancellor.
12.	**The Comptroller**	• To examine the annual accounts and budget estimates of the University and to advice the Board thereon; • To review the financial position of the University from time to time; • To make recommendations to the Board on all matters relating to the finances of the University;	1) Shall, have the control of Finance Committee, exercise such powers and perform such functions as may be prescribed in the Statutes and the Regulations or Act. 2) Shall be the ex-officio Member of the Academic Council, and the ex-officio Member Secretary of the Finance Committee. 3) Shall be responsible for the management of all funds of the University including Pension, Gratuity, Provident Fund and other funds in accordance with the Statutes, Regulations and provisions of the Act, subject to overall directions of the

Sl. No.	Statutory officer	List of Financial Autonomy	List of Administrative Powers
		• To make recommendations to the Board on observing utmost economy, bringing out austerity measures and suggesting curbs on wasteful expenditure. • To make suitable recommendations to the Board for cost recovery mechanism for both research and teaching to further improve the financial strength of the University.	Board of Management and the Vice-Chancellor from time to time.
13.	**Administrative Officer**	Dedicated financial provisions have been made for the Administrative Officer	1) Shall serve as administrative assistant to the Vice-Chancellor on recruitment, selection, and appointment of Officers, Teachers, and Service personnel with approval of the Board of Management in the manner prescribed under guidelines/score card for such purpose. 2) Shall maintain all service records of the appointed Officers, Faculty, and Service Personnel. 3) Shall assist the Vice-Chancellor in granting leave to Officers and teachers of the University as permissible under the Act and Regulations
14.	**Estate Officer**	Dedicated financial provisions have been made for the Estate Officer	1) Shall maintain buildings and physical facilities of the University and provide for protection against theft, fire, and other hazards 2) Shall supervise the supply of electricity, water, telephone, and other services and operation and maintenance of the University vehicles;

Sl. No.	Statutory officer	List of Financial Autonomy	List of Administrative Powers
			3) Shall supervise for providing cleanliness, sanitary, and aesthetic facilities and supervise the allotment and use of rooms, houses, buildings, and grounds of the University 4) Shall assist the Vice-Chancellor for proper functioning of the physical facilities of the University, in collaboration with other Officers responsible for assignment of hostel rooms, maintenance and operation of cafeteria, canteen, stores, gymnasium, and other recreational facilities including club houses, auditoria, and similar service agencies. 5) Shall have assistance of Stores Purchasing Unit for maintaining University Stores inventory of properties, purchases through tender's as may be required and repair of all University property. 6) Shall perform such other duties as may be prescribed or as may be assigned to him from time to time, by the Vice-Chancellor.

6.6.1.5. Supporting Units of the University

University has maintained well established supporting units such as Maintenance Cell, SC/ST cell, Health Care Centre, Equipment's, University Examination Centre, Communication Centre, Study Centre, Grievance Redressal Cells for students and Staff, Student Welfare Cell- other States, Differently abled student welfare Committee, Internal Complaint Committee, Intellectual Property Rights & Commercialization Unit, Agriculture knowledge Management Unit, Agri. Innovation Centre, Cafeteria, Guest House, International centre, Foreign Students Advisory Cell, Foreign Students Centre, Bank, Post Office, Skill Development Centre. Most of the -sub-campuses also equipped with sub-centres of these supporting units. However, the detailed report on various activates of these at different campuses are summarised in the following Table.

Sl. No.	Supporting Units	Established (Yes/No)	Mode of functioning for student / Staff/ University infrastructure
1.	Maintenance Cell	Yes	• Day-to-day maintenance of water supply and electrical works in the University Buildings, hostels etc.,

Sl. No.	Supporting Units	Established (Yes/No)	Mode of functioning for student / Staff/ University infrastructure
			• Supply of uninterrupted electrical power with the support of Solar power grid & Generator. • Providing upkeeping and segregation of dry & wet wastes at source and recycling, security arrangements to safeguard all property belonging to UAS, Bangalore including farm lands. • Motor vehicle workshop for minor repair and maintenance of all officers and other University vehicles.
2.	SC/ST cell	Yes	• SC and ST Cell is established in the University to watch the periodical implementation of the State and Central Govt. Policies Orders in favour of SC & ST candidates (students & Employees). • Under the Chairmanship of Vice-Chancellor, it was decided to pool the entire money available in the "SCP and STP" project, into a corpus fund entitled "Revolving fund for UAS B, SC/ST students' welfare".
3.	Minority Cell	Yes	• Minority cell of UASB is established in the University to ensure the effective redressal of the grievance of minority students and employees of the university. Meetings were conducted with respect to the scholarship by the students and almost all eligible minority students are receiving the same. They were also informed to report if any grievances are there. The students were informed to perform well academically by including more study time and by attending the classes regularly. They were also asked to attend the Personality development programmes and capacity building programmes as and when it is organized by the university.
4.	Women Safety Cell	Yes	• Rooted in the landmark 1997 Supreme Court judgment that recognized sexual harassment as a human rights violation and further formalized by the enactment of the Sexual Harassment of Women at

Sl. No.	Supporting Units	Established (Yes/No)	Mode of functioning for student / Staff/ University infrastructure
			Workplace (Prevention, Prohibition and Redressal) Act of 2013, the Women Safety Cell was established to ensure a secure, cohesive, and non-retributive environment for all female members of the university community. Guided by the University Grants Commission's (UGC) mandate that a safe climate is a prerequisite for quality education, the Cell's primary objectives are to educate students across all strata on gender justice, enhance the self-esteem of girl students and women employees, and foster a work culture grounded in dignity and personal security. To achieve this, the Cell actively coordinates a range of activities, including disseminating knowledge of legal rights, conducting awareness programs on youth-specific issues, and facilitating participation in conferences and seminars, thereby empowering women to excel within a healthy and supportive academic ecosystem.
5.	IPM Cell	Yes	• The IPMC cell was established in 2016 with the following functions. Scrutiny of the applications for IPR claims and coordinates the applications of notified varieties and farmers' varieties for registration with PPV and FRA, New Delhi. Further, the cell also coordinates the awareness/training programmes to Scientists/ farmers on PPV and FRA act, its applications and benefits to scientists and farmers in safeguarding the IPR rights. Till date, the IPMC has helped in registration of 23 varieties released by the University and 46 farmers varieties
6.	Health Facility	Yes	• The dispensary has seven beds and is equipped with a laboratory, pharmacy, casualty / first aid room, Medical record room, Observation room, consultation rooms for examining the patient and a waiting lounge for patients, and Female and Male washrooms. The dispensary is

Sl. No.	Supporting Units	Established (Yes/No)	Mode of functioning for student / Staff/ University infrastructure
			equipped with specialized equipment *viz.*, ECG, • All constituent College campuses of the University have a dispensary. • All students are covered by health Insurance of Rs.2 Lakh (at the time of death) by United India Insurance Company Ltd., Malleshwaram Branch, Bangalore. • The centre is delivering health care facilities to the students (UG, PG, PhD, International students and their families), staff, faculty and the families of the employees residing in the quarters of the campus. • Medical reimbursement is provided for all students with a maximum limit of up to Rs. 50,000/- per student through the Student Aid Fund. • Cases of a severe nature are referred to major hospitals for diagnosis and advice. In addition to Government Hospitals, some well-established private hospitals are also recognised for providing treatment. Hospitals are available within a radius of 5 km. • Hired services of doctors are provided at all constituent Colleges on scheduled days.
7.	University Examination Centre	Yes	The University has established the 'University Examination Centre (UEC)' at the GKVK campus during the academic year 2011-12. Over a period of time, separate External Examination Cells have been established at each of the constituent colleges of the University, as a consequence of the introduction of an external examination system during 1999-2000, mainly to co-ordinate the examination-related activities. The UEC is responsible for conducting centralized common examinations across the constituent Colleges, which has resulted in maintaining uniformity in offering courses,

Sl. No.	Supporting Units	Established (Yes/No)	Mode of functioning for student / Staff/ University infrastructure
			complete coverage of syllabus by the teachers, centralised evaluation of answer scripts, and the speedy announcement of results. This has also minimized the cost of the examination process. Issuing of a digital degree certificate in electronic mode.
8.	Communication Centre	Yes	The Communication Centre, headed by the Editor with the Dean as the honorary Director, was established on 1 May 1972. Publishing Journal, Newsletter, Magazine and other needed texts deemed fit for publication in the University, both in Kannada and English. The Centre now functions directly under the administrative control of the Director of Education.
9.	Study centre	Yes	Different student Clubs (Fine Arts, Social Service, Adventure, Literary & Science Club) are formed at each College & have been nominated to represent students in organizing various student activities. Class Representatives at each College to represent students in organizing various student activities. In the timetable, Wednesday afternoon is reserved exclusively for students' activities. The fee collected from the students towards the Association, Sports, and Magazine are kept at the disposal of the respective Dean's for conducting the College-level students' activities. Accordingly, college days and college-level sports and cultural activities are being conducted at each College and souvenirs / Magazines are brought out every year regularly.
10.	Grievance redressal Cells for students and staff	Yes	Address the issues on students and staff in coordination with HQ
11.	Student welfare cell-other states	Yes	Directorate of Students' Welfare. The Dean of Student Welfare who is heading, is vested with all powers in consultation with NODAEC and manpower to redress the issues associated with students of other states. Issues are addressed at the appropriate time and resolved.
12.	Differently-abled student welfare	Yes	The issues related to differently-abled students are resolved by constituting a

Sl. No.	Supporting Units	Established (Yes/No)	Mode of functioning for student / Staff/ University infrastructure
	Committee		committee including their parents at the appropriate time.
13.	Internal Complaint Committee (ICC)	Yes	The University has ICC, including constituent Colleges. To look after women's safety at workplace. At the Chairman level, consoled and resolved.
14.	Intellectual Property Rights & Commercialization Unit	Yes	The structure of the IPR Cell was established in 2016. Intellectual Property Advisory Committee (IPAC), headed by the Vice-Chancellor of the University as Chairman. IPAC shall monitor and guide the functioning of the Intellectual Property Management Cell (IPMC). Intellectual Property Management Cell (IPMC) is coordinating all the IP issues in the University
15.	Agriculture knowledge Management Unit (AKMU)	Yes	Maintenance of UAS, Bangalore Website, Training Programme on "Managing Digital Resources Using Open-Source Software". Providing statistical consultancy to the staff and students for their statistical analysis. Enabled the institution to get electronically connected and have an email facility. All the campuses were connected with Wi-Fi and Local Area Networks (LANs), including hostels.
16.	Agri. Innovation Centre (AIC)	Yes	Agri. Innovation Centre serves as a hub for agriculture graduates, farmers, and innovators with transformative ideas. With a focus on empowering entrepreneurs, rural youth, and researchers, AIC promotes emerging technologies and translational programmes to develop innovative, market-ready agri solutions that enhance the economic growth of the sector.
17.	Cafeteria	Yes	Two cafeterias are operated at GKVK Campus, (i) UAS Canteen-1 and (ii) UAS Canteen-2. Only vegetarian food items are served in the Cafeteria. The Cafeteria facilities are for 1000 students and staff. Timings of the cafeteria are: Monday to Friday: 8.00 am to 6.00 pm, Saturday: 8.00 am to 4.0pm, Sunday holiday.

Sl. No.	Supporting Units	Established (Yes/No)	Mode of functioning for student / Staff/ University infrastructure
			The following committee, under the Chairmanship of Dean (PGS), supervises the cafeteria • Dean (PGS) UAS, GKVK- Chairman • Director of Research, UAS, GKVK- Member • Dean Student Welfare, UAS, GKVK – Member • Dean - Agri., CoA, GKVK – Member • Estate Officer, UAS, GKVK- Member • Deputy Director - Student Welfare, UAS, Bangalore • Senior Farm Superintendent, GKVK, Bangalore • Director, SC&ST cell, GKVK, Bangalore • Secretary, ATUASB, UASB, GKVK, Bangalore • General Secretary, Employees Association • Two Students representative PG Boys Hostel and PG Girls Hostel, GKVK, Bangalore • Warden of the UAS Cafeteria – Member Convener • Any circumstantial grievances about the cafeteria are sorted through periodical meeting(s).
18.	Guest House	Yes	Providing accommodation to farmers, parents, faculties, VIP & VVIP's those who are attending the University meetings, functions and trainings in the UAS, GKVK, Bangalore with a capacity of 110 and other campuses with 50 each.
19.	International Student Centre	Yes	International Centre established in 2019 to facilitate the students & faculty exchange to different International Organizations and to increase International awareness and improve the quality of teaching and research. • Strengthen/inflate International awareness among students & faculty

Sl. No.	Supporting Units	Established (Yes/No)	Mode of functioning for student / Staff/ University infrastructure
			• Refine the quality of teaching and research through international mobility programmes. • Foster International Co-operation and capacity building • Promote internationalization of the curriculum. • International networking by faculty and researchers. • International placements for higher education and jobs in MNCs of food processing/ fertilizers/seeds/pesticides/world bank/ Universities/ other Institutes. • The international centre has collaboration for education and research with National and International Institutes (Purdue University, USA, IOWA State University, USA, University of Bremen, Germany, McGill University, Canada, Ghent University, Belgium, IARI, ICRISAT etc.). • The International Centre has facilitated the students & faculty exchange to different International Organizations. A dual degree programme has been initiated with Western Sydney University, supporting two students (Sanjay Pradhan, PhD (Agri. Entomology & Naveen. B.M, Ph.D (Agronomy). • Facilitated the representatives from Western Sydney University and the International Centre, UAS, Bangalore, for collaborative research and student exchange. • Initiated collaboration with Taiken University to have collaboration in higher education and provide employment opportunities to UAS(B) students in Japan.
20.	Foreign Students Advisory Cell	Yes	The University also admits foreign students for both UG and PG Programmes. The University has redeployment / assigning additional assignment to faculty as Foreign

Sl. No.	Supporting Units	Established (Yes/No)	Mode of functioning for student / Staff/ University infrastructure
			Student Advisor and Assist Foreign Student Advisor under Dean Student Welfare to facilitate their admission, stay on the campus and their welfare with nominated faculty to perform the defined activities of the cell.
21.	Foreign Students Centre	Yes	The Foreign Students Centre is established to promote, facilitate and coordinate academic interactions of the University with other universities outside India to establish a global research network in the area of agriculture and allied sciences. The centre would also assist international students who may wish to pursue their studies at the University. The University already has a sizeable number of international students studying in various degree programmes. Currently UG/PG/Ph. D students from Kenya, Rwanda, Botswana, Uganda, Afghanistan, Myanmar, Mozambique, Nepal, Angola, are pursuing their courses at the University of Agricultural Science, Bangalore as full-time students
22.	Bank	Yes	Exclusive banking facility from Canara Bank, GKVK branch, to facilitate the employees and students bank accounts, financial transactions, credit requirements, lockers and deposits.
23.	Post Office	Yes	Provided space for the Post Office to facilitate the employees and students of UAS (B) for their mail services on the Campus. Dispatch of speed posts, registered letters, parcels and airmails of the University and banking and insurance facility.
24.	UAS Dispensary	Yes	To ensure the good health of the students and the staff of the University, the University has established a Dispensary with two resident doctors, with basic medicines, equipment and an ambulance to meet the health emergencies at the campus. The University is providing minimum medical facilities to the students and staff at all the campuses for the treatment of common ailments. Cases of a severe nature are referred to major hospitals for diagnosis and advice. There is well-qualified medical, paramedical, and assisting staff, who

Sl. No.	Supporting Units	Established (Yes/No)	Mode of functioning for student / Staff/ University infrastructure
			coordinate well for smooth delivery of health care. In addition to Government Hospitals, some well-established private hospitals are also recognised for providing treatment. Hospitals are available within a radius of 5 km. Hired services of doctors are provided at all constituent colleges on scheduled days. In the University headquarters, a health facility is provided to the UG, PG, Ph.D., International students and their families, staff, faculty, and the families of the employees residing in the quarters of the campuses. The facilities available are:12 Lead ECG machine – basic investigation for heart diseases. • Biothesiometer (VPT)- to find out the sensitivity in the foot (diabetic neuropathy) • Otoscope- aids in the examination of the external ear. • Direct Ophthalmoscope- Retinal examination (the posterior segment of the eye) • Glucometer- for estimation of capillary glucose • Tuning forks for basic hearing tests (Rennes / Weber's) • Autoclave – For autoclaving wound dressings, instruments of suture removal, wound debridement *etc.*, Nebulizer –For nebulizing acute bronchial asthma, X-Ray viewer – paste photo, Vein viewer- used in obese individuals and children for finding vein
25.	Skill Development Centre	Yes	The University has established Skill Development Centre (SDC) under ICAR- SC-SP: 2019-20 at UAS, GKVK, Bangalore from the academic year 2019-20 vide AO order No. AO/Gen/SDC/3824/2019-20 dtd. 31.12.2019. SDC is focusing on "Development of graduates with skills of fundamental and contemporary technology and gross root work force of agricultural production processes with multi skills"

Sl. No.	Supporting Units	Established (Yes/No)	Mode of functioning for student / Staff/ University infrastructure
			Mission: • Imparting skills to graduating students and transforming rural unskilled youth workforce to the skilled workforce for self-sustained agro-ecosystem with entrepreneurship for livelihood. • Student-centric and farmer-centric training programmes were conducted for upscaling of skills in SC/ST students of UASB and SC/ST farmers of University jurisdiction. • The assets created while conducting trainings in different departments, such equipment for Mushroom Lab, Horticulture Tool Kit, Cow Mats, Sewing Machines and accessories, Milk cans, the establishment of Ragi reaper & Small Millet Processing Unit, procurement of livestock and procurement of feed for animals. • SDC competitive examination zone was created in UAS(B) Library and Purchased printed books for resource materials. • Under University support, "Phala Sampada" a Model perennial fruit orchard was established at GKVK, Bangalore.
26.	Faculty House	Yes	Dr. Trilochan Mohapatra, Secretary (DARE) and Director General, ICAR, New Delhi, in the presence of Dr. S Rajendra Prasad, Hon'ble Vice-Chancellor, UAS, Bangalore, inaugurated the well-established Faculty House conveniently located beside the College of Agriculture, GKVK, on 20.03.2021. The Faculty House aims at providing congenial environment for creating a friendly and healthy atmosphere for fitness programmes and recreational activities. It is going to provide inexpensive and convenient access to high-quality fitness equipment. It will be open on all working days from 4.00 to 6.00 PM. The Faculty House is equipped with modern fitness equipment such as: 1. Treadmills - to improve cardio fitness 2. Four Station multi-gym- to improve

Sl. No.	Supporting Units	Established (Yes/No)	Mode of functioning for student / Staff/ University infrastructure
			functional strength (Specific parts of the body, such as the upper body and lower body) 3. Dumbbells – to improve muscular strength 4. Stationary bicycles- to improve e strength and endurance 5. Carom board- for recreation / fine motor skills and concentration 6. Table Tennis Board- improves agility, speed, and reaction ability 7. Snooker Table – Recreation and to improve aiming, focus, and accuracy.
27.	National Academic Depository (NAD) Cell	Yes	During the academic year 2017-18, the University established an NAD Cell in accordance with UGC and MHRD guidelines. Initially, a Service Level Agreement was signed with CVL Ventures Ltd., Mumbai, to obtain depository facilities in accordance with the recommendations of the MHRD, GOI, New Delhi. The UEC staff participated in a series of training programmes and workshops on uploading and creating academic databases hosted by the UGC in New Delhi and CVL Ventures Ltd. Academic certificates (OGPA cards, PDCs, and degree certificates) of students who graduated from UAS, Bangalore, have been uploaded to the NAD. Subsequently, the University has registered with the National e-Governance Division (NeGD), Ministry of Electronics and Information Technology (Meity), GOI's Digi Locker, and academic certificates are being uploaded.
28.	Internal Quality Assurance Cell (IQAC)	Yes	The Internal Quality Assurance Cell (IQAC) at the University of Agricultural Sciences, Bangalore, was established on 2nd May 2023 at the Office of the Vice Chancellor, to ensure continuous quality enhancement in education, research and institutional governance. IQAC plays a vital role in maintaining academic

Sl. No.	Supporting Units	Established (Yes/No)	Mode of functioning for student / Staff/ University infrastructure
			excellence, transparency, and accountability across all university functions.
29.	Alumni Association	Yes	The Alumni Association of the University of Agricultural Sciences, Bangalore (UASB), established in 1989, has over 14,000 members, including graduates from agriculture, horticulture, and veterinary sciences. More than 300 alumni hold key positions in IAS, IFS, IPS, and Karnataka Administrative Service, while many serve as scientists, professors, extension specialists, or work in government departments, banks, NGOs, and private organizations. Several alumni have also become entrepreneurs and policymakers, with some holding international roles. These successful alumni are associated with the alma mater to guide and motivate the graduating students towards achieving their Carrier Goals. The association actively supports university activities, contributing generously to student initiatives.

6.6.1.6 Technology Support

A. College of Agriculture, GKVK Campus

The College of Agriculture is equipped with ICT-enabled classrooms designed to enhance the teaching–learning experience through modern digital infrastructure. These classrooms are fitted with LCD/LED projectors, interactive smart boards, audio systems, and computers/laptops, enabling the effective use of multimedia content and e-learning resources in academic delivery. In addition, high-speed internet and Wi-Fi connectivity are available across both the North Block and main academic buildings, ensuring seamless access to online educational platforms, digital libraries, and research resources.

The Agriculture Knowledge Management Unit (AKMU) plays a key role in strengthening the technological infrastructure and digital support systems on the GKVK campus. The Unit is responsible for facilitating the effective deployment and maintenance of technology-based services that support academic, research, and administrative functions of the University. AKMU provides comprehensive technical assistance related to computers, networking, internet connectivity, and the installation and maintenance of relevant software applications. It ensures the smooth functioning of digital platforms and supports users in troubleshooting technical issues, thereby enabling uninterrupted academic and research activities. In addition, the Unit contributes to the promotion of e-governance and digital information management systems within the University, enhancing the efficiency and accessibility of

information resources. The details of the available technology resources and services supported by AKMU are provided below.

i. Technology in Classrooms

- Each of the 17 lecture halls (South Block - 9 and North Block - 8) has a computer, AV, LCD projectors, UPS, and a teacher's collar microphone.
- Created three Smart/Model Classrooms:
  1) *Lecture Hall 3 (Virtual Classroom) in South Block*: featuring an LED TV, a computer with internet access, wireless microphones and speakers, and a UPS Document Camera Wide Angle Webcam;
  2) *Dr. Jalihal Hall*: LCD Projector, CDx2510, Hitachi Projector, Visual Presenter, Promethean LCD Projector screen 7'x6', Interactive Board, In Focus Projector, Computer with internet access, and wireless microphones and speakers.
  3) *Dr. R. Dwarakinath Hall (Model Class Room*: Automatic slide projector screen, LCD Projector PLC XW 250, 'T' square, LCD TV Model KEV 32S400A, Computer with internet access, wireless microphones and speakers.

These lecture halls and smart classrooms are utilized for UG and PG theory classes, instruction, postgraduate seminars, workshops, and training initiatives

ii. Computer laboratories

The College of Agriculture, GKVK, houses 28 computer labs equipped with 344 systems dedicated to practical instruction, student coursework, professional training, and digital communication, *etc*.

iii. Technology in laboratories

The following section details the department-wise laboratory availability for UG/PG teaching, faculty research, training, and Student READY programs.

- **Department of Agril. Entomology**: A research suite comprising laboratories dedicated to Soil Biology, Arthropod Taxonomy, Insect Molecular Biology, and Chemical Ecology.
- **Department of Agril. Engineering:** Laboratories for Food Processing, Soil and Water Conservation, Computer Science, Engine Technology, Engineering Physics, and the Pilot Plant facility.
- **Department of Agril. Microbiology:** Bio-control Lab, Food Processing and Value addition Lab, Mushroom Lab, Bio-fertilisers mass production and quality control lab, DST Hub Laboratory on Finger Printing of Edible Mushrooms, Molecular Biology Lab.
- **Department of Apiculture:** Honey Processing-cum-Testing Lab
- **Department of Agronomy:** Water Management lab, Soil Testing lab, Analysis of soil samples for pH, EC, N, P, K, and S content, Plant analysis lab PG
- **Department of Plant Biotechnology:** Laboratories for Biotechnology Studies, Genome editing lab, Biochemistry lab, and Tissue culture lab
- **Department of Crop Physiology:** Central Instrumentation laboratory, Plant Phenomics Facility, Plant molecular biology laboratory, and Molecular marker laboratory,
- **Department of Food Science and Nutrition:** Food Processing, Food Chemistry, Food Sciences and Hands-on Training Laboratory.

- **Department of Forestry and Environmental Sciences:** Tissue Culture Lab.
- **Department of Genetics and Plant Breeding**: Marker-Assisted Lab (Rock Feller Foundation), Kirk House Trust Lab, Tissue Culture Lab, Molecular Biology Lab and Common MAS lab.
- **Department of Plant Pathology:** Mycology Lab (DST-FIST), Bacteriology Lab (RKVY) and Virology Lab (RKVY), Seed Health Testing Lab.
- **Department of Sericulture:** Silkworm Rearing Lab, Silk Technology Lab (World Bank), Silkworm Pathology Lab (World Bank).
- **Department of Soil Science and Agril. Chemistry:** Chemical analysis for soil, plant fertilizers, and manures.

iv. Online learning tools

The University effectively utilizes different digital learning platforms, including Learning Management Systems (LMS), virtual meeting tools, digital repositories, e-content modules, MOOCs (SWAYAM/NPTEL), and recorded lectures. These resources support blended learning, flipped classroom approaches, and continuous academic engagement beyond traditional classroom settings. Extended lecture outlines are hosted on the cloud, and access is provided. In addition, a plagiarism detection facility (Drill bit) is also integrated into the website to support postgraduate students in maintaining academic integrity in their research work. The Undergraduate Academic Management (UGAM) software further streamlines the entire student lifecycle by enabling cashless fee payments, paperless registration, and efficient academic record management. These digital initiatives enhance transparency, efficiency, and accessibility across academic and research activities in the University.

v. Digital Evaluation Hall

The University has implemented a digital evaluation system for UG answer booklets to ensure quick, transparent, and accurate processing of examination results. Under this system, answer scripts are evaluated by teaching faculty through OTP-based secure login on their respective systems. The Digital Evaluation Facility is centrally managed by the University Examination Centre (UEC) at the GKVK campus, where coded answer booklets are digitally assigned to nominated faculty, ensuring confidentiality and unbiased evaluation.

Before the academic year 2016–17, answer scripts were evaluated manually. From 2016–17 onwards, the University adopted the UGAM digital platform for evaluation. Evaluators are informed in advance about the courses and schedule, and faculty members access the answer scripts online to carry out the evaluation efficiently.

The system features automated counting and tabulation of marks, significantly reducing human errors and saving time, thereby improving overall efficiency. Additionally, the facility allows faculty to evaluate answer scripts remotely from their personal computers using secure credentials, with 24/7 access. This ensures flexibility while maintaining data integrity, confidentiality, and faster result processing.

vi. Internet Wi-Fi connectivity

To support academic, research, and administrative activities, the University provides high-speed internet connectivity with a bandwidth of 1 Gbps. This robust digital infrastructure ensures reliable and

seamless access to online resources and services across the campus. Wi-Fi connectivity at 1 Gbps speed is made available throughout all major areas of the University, including academic blocks, hostels, libraries, laboratories, and administrative offices. This extensive coverage enables students, faculty, and staff to access e-learning platforms, research databases, digital libraries, and institutional systems without interruption.

vii. Student Systems

Thirty-five computer systems are placed in the Central Library at GKVK for students' academic usage.

viii. Setup for email

Email address with an exclusive domain name has been provided by NICeMail Services to the faculty and students across all the colleges, KVKs, and other departments. The University has a centralized and secure email infrastructure with adequate storage, spam filtering, and backup mechanisms.

ix. Exclusive domain name with an email address

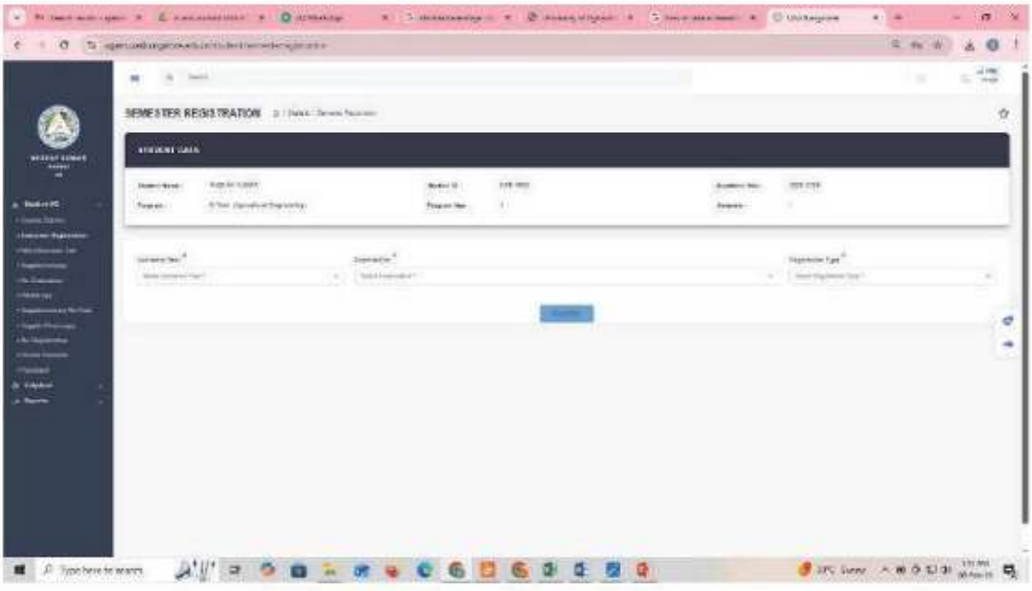
For security, a user password reset facility is available in both the email and e-notes/lecture outlines. The Domain details are given below:
https://accounts.mgovcloud.in/signin?servicename=VirtualOffice&serviceurl=https%3A%2F%2Fmail.mgovcloud.in%2F
https://icar.org.in/en/state-agricultural-universities
https://www.uasbangalore.edu.in/en/college-of-agriculture-bangalore-departments/

x. Firewall

A firewall has been installed in the University Examination Centre's server room to protect sensitive data from unauthorized access and to manage internet traffic and usage.

xi. Apps Developed

The UGAM Android app enables students to complete cashless fee payments and paperless semester registration. Additionally, it serves as a platform for students to provide feedback on course content and teaching quality, helping the faculty drive continuous improvement. The University developed the ISC2020 UASB Mobile App. Called Beej Aadhar - A platform that contains all the information related to new plant varieties, the best package of practice, availability of seeds, cost and latest research. Web-based and Mobile App "Dhartimitra" is developed for fertilizer prescription through STCR approach based on geo coordinates or survey number for ten districts of Karnataka (Bengaluru rural, Chamarajanagara, Chikkaballapura, Chitradurga, Hassan, Kolar, Mandya, Mysore, Ramanagara and Tumkur).



UGAM Software for Students Registration

xii. The following is a brief overview of the technological support facilities provided

- **Online Learning Tools**
  Digital platforms are used to record lectures, enabling students to access the recorded sessions at any time for better understanding and revision.

- **Computer Lab**
  The computer lab facilitates the conduct of undergraduate practical classes, providing students with essential hands-on training.

- **Student System**
  Computer systems are available for students to attend practical sessions, browse academic resources, and access library services, including e-journals for both students and staff.

- **Firewall**
  A firewall system is deployed on campus to enhance network security by monitoring traffic and blocking unauthorized access to specific IP addresses.

B. College of Agricultural Engineering, GKVK

The College of Agricultural Engineering has ICT-enabled classrooms equipped with LCD/LED projectors, interactive smart boards, audio systems, and computers/laptops, internet and Wi-Fi facility. These facilities support blended teaching-learning methods, multimedia presentations, virtual demonstrations, and online academic interactions, enhancing student engagement and learning outcomes. LCD projectors with screens are provided in the classrooms for effective delivery of information and knowledge to students.



South Block LH-8



South Block LH-7

i. Computer Labs

Well-established computer laboratories are available across facilities with an adequate number of desktop systems, licensed software, printers, scanners, and uninterrupted power supply. The labs cater to academic instruction, practical training, research work, online examinations, and skill development programs.

The College of Agricultural Engineering has two computer labs with 40 computer systems to cater to the needs of UG, PG, and Ph. D course curricula, including Arc-Gis, CAD, CAM, Solid Works and other programmes.





Computer Laboratory

ii. Technology in Laboratories (Department-wise)

Department-specific laboratories are equipped with modern instruments, digital sensors, automated systems, simulation software, and data acquisition tools. These facilities support advanced experimentation, research activities, precision analysis, and exposure to industry-relevant technologies.

Currently, the College of Agricultural Engineering (CoAE) is functioning with the following six departments and offers UG, PG, and Ph. D programmes.

1) Department of Soil and Water Engineering (SWE)
2) Department of Irrigation and Drainage Engineering (IDE)
3) Department of Processing and Food Engineering (PFE)
4) Department of Renewable Energy Engineering) REE)
5) Department of Farm Machinery and Power Engineering (FMPE)

6) Department of Basic Engineering and Applied Sciences (BEAS)

The department-wise availability of major laboratories for UG and PG teaching, faculty research, trainings, and Student READY programmes is presented hereunder.

1. Soil and Water Conservation Engineering Laboratory

Under this laboratory, the students are exposed to the various laboratory and field instruments. Students analyse the Physical and Chemical properties of soil, *In-situ* measurement of soil moisture and density, Water quality testing and Modelling Hydrological System using the instruments like Infiltrometer, rain gauge, Symons type rain gauge, Cone penetrometer, soil moisture meter, Soil Sampler, Sun Shine Recorder, Soil Testing kit, Permeability Apparatus, digital pH meter with Electrode, Micro pH meter with electrodes, Sieve shaker, also the lab has image processing and GIS Software.

Surveying Laboratory: This laboratory is equipped with the instruments such as Auto level with stand, Plane Table set with brass accessories, Cross staff, Metric chain (20m and 30m), Levelling staff, Ranging Rods, Metallic Tape, Prismatic compass, Surveyor Compass, Vernier Theodolite with stand, Dumpy level with stand, Total Station, Telescopic alidade, Spirit level, and Abney Level.

Soil Mechanics Laboratory: This is laboratory equipped with Pycnometer, Liquid limit device, Sieves and sieve shaker, Variable head permeameter, Universal or combination permeameter, Permeability apparatus, Field density apparatus (Sand pouring cylinder), Liquid limit, plastic limit, shrinkage limit devices, Proctor compaction apparatus, Hot air oven, Tensiometer, Stop watch, Speedy soil moisture meter, Depth-wise soil bulk sampler, Soil sampling steel Screw auger, Soil core sampler, Hand held Conductivity meter, Hand held pH meter, Electronic balance, Water-meter 2" enclosed type, Lux meter, UV light scout quantum meter, Soil Thermometer (30 cm), Humidity and Temp-sensor, Hydrometer, Double ring infiltrometer, Digital Turbidity meter, Water and soil Analysis kit with LCD display and rechargeable battery, Microprocessor based D.O. meter LCD display unit with printer model, Hygrometer- Thermo-hygrograph (Recording type), Hygrometer – Analog Dial, Wet and Dry bulb hygrometer, Whirling Hygrometer and Digital thermo-hygrometer.

GIS Laboratory: This is laboratory equipped with Arc GIS software installed on computer systems, Handheld GPS (GARMIN and TRIMBLE) with an accuracy range from 1 – 5 m, Light table for visual interpretation, Mirror and Pocket stereoscope with parallel axis bar for Aerial photographic analysis, Toposheets by Survey of India, Satellite imagery IRS-LISS III and LISS IV.

Strength of Materials: This is laboratory equipped with Simply supported beam, Cantilever beam, Fixed Beam, Universal Testing Machine, Torsion Testing Machine, Izod Impact Testing Machine, Slump Cone test, and Tension Testing Machine.

Quality Testing Micro Irrigation Component Lab (QTMIC): The students of B. Tech (Ag. Engg) and M. Tech (Soil and Water Engineering) are being trained in the field of testing of micro irrigation components. The students will acquire knowledge and skills in testing micro irrigation. components, namely mechanical, thermal, and physical testing. Based on the knowledge of testing, students can work in the field of testing and quality control of micro irrigation components. The above newly established micro irrigation laboratory, the following laboratories, and the equipment are set up.





Leaf area index meter





Laboratory analysis of the silt concentration of runoff water





Determination of moisture content using rapid moisture meter





Image intrepretation and soil profile study





Study of Irrigation Components

2. Department of Processing and Food Engineering

In the Department of Processing and Food Engineering, students are exposed to various laboratory instruments as per the courses offered during each semester.

Engineering properties of biological materials: Under this course, students will study different equipment's and instruments such as hot air oven, Kett-moisture meter, digital precision balances, digital-calliper, digital-screw gauge, digital tachometer, bulk density boxes, angle of repose apparatus, colorimeter to measure different physical properties such as shape, size, angle of repose, volume, bulk density, colour estimation and food-grain moisture estimation.

Processing lab (dry lab): Students will, be exposed to different drying equipment's such as cabinet tray dryer, eazy tray dryer, spray dryer with compressor, fluid bed dryer with oil free compressor, vacuum grain storage bin, spiral separator, air screen cleaner, aspirator, rubber roll rice husker, rice sheller, rice polisher, Ashirwad mini mill, burr mill, hammer mill, Engleberg huller.

Thermodynamic and refrigeration lab: Students will learn about different instruments and equipment's, working principle and hands on usage, which include one tonne indoor walk-in cold room, humidifier, dehumidifier, refrigerator, Peltier cooling module, parallel-flow and counter flow heat exchanger, Plate heat exchanger, Stephan-Boltzmann apparatus, wet bulb and dry bulb thermometers, maximum and minimum thermometer, Hair hygrometer, Try-sense, Anemometer, Thermo hygrometer and infrared thermometer, cooling ball and Peltier milk cooling module.

Renewable energy and green technology: Under this laboratory, students will be exposed to various biogas digesters (field lab), commercial biogas power generation units, gas flow meter, domestic biogas digesters, portable HDPE biogas digesters, solar dryers, and solar cookers.

Grain processing lab: Students will be exposed to different grain cleaning, milling, sieving, grading, packing, and value addition in the laboratory "Centre of Excellence for Nutri cereals." The equipment includes vibratory screen cleaners for finger millet, little millets, de-husking equipment, pearling equipment, hammer mills, vibro-sifter, form-fill-sealing machine, band sealer, Extruder, masala coating machine, and pasta making machine.

Pilot-lab: Under the pilot processing laboratory, students gain hands-on experience in horticultural crop process engineering. Students will be exposed to different machineries such as squash unit, vacuum filling machine, industrial mixer, fruit pulping machine, hydraulic press, juice pasteuriser, digital filling machine, crown corking machine, cup sealing machine, table top pasta maker, band sealer, soda maker, candy floss maker, amla grater, fruit mill etc., students also learn plant layout design, HACCP control measures, food safety measures.



Sub-Baric Storage Bin



Spray Drier



Spray-Fluid Bed Dryer cum Agglomerator



Image Processing System



3D Bio-printer



Food Texture Analyzer

3. Farm Machinery and Power Engineering (FMPE)

Farm Machinery and Power (FMP) Engineering laboratories are critical hubs for modern agricultural production, linking the gap between theoretical engineering and practical field application by reducing human drudgery. They serve three primary roles: education, timely technology application, and consistent testing for durability. Students are exposed to different equipment, machinery, operations, and safety precautions.

Workshop practice: Students will get first-hand experience on various cutting, grinding, welding tools and machinery, also different workshop hand tools like carpentry tools and fitting tools, smithy, students love to work and to improve their practical skills in the manufacture of small tools required for weeding, crop harvesting, soil working, threshing, winnowing, etc., by minimizing human drudgery. Drilling machine, welding machine, cutting machine, Bench vise, Grinding machine, Smithy work, Compressor
Machine shop: In this laboratory, metal and other materials are shaped, cut, and finished using machine tools like Lathe machine, slotting machine, milling machine, shaping machine and pipe-bending machine
Farm Machinery Testing Centre: This centre has Brinell hardness tester, Draft measurement, and Rockwell hardness tester

VST Training Centre:

The centre has Three Cylinder Engine, Four Cylinder Engine, partially constant mesh gearbox, Special tools for tractor and tiller, Tiller, Tractor, Reaper cut section models, Weeders for operation and practical, Reaper for operation and practical.





UAS[B] –VST Center of Excellence on Farm Mechanization and Skill Development





Engineering Workshop

Centre For Innovation & Development in Smart Agriculture (CIDSA) labs

Agri. Automation Lab	Adams Studio Package (Adams View, Adams Exchange, and Adams Solver), Adams Structures Bundle (Flex and DurabiAdams Controls Bundle (Controls, Mechatronics, and Vibration), ity), Adams Ground Vehicle Bundle (Tire Handling and 3D Road), Automated Fertilizer Broadcaster, Automated Boom Sprayer, Auto Steering Tractor
FEDM Lab	MSC Apex Modeler, MSC Apex Structures, MSC Apex Generative Design Studio, Actran/Acoustics (Generic Solution for Acoustics - Includes Actran/VI), Actran/Vibro-Acoustics (Generic Solution for Vibro-Acoustics), Simufact Forming Hub, Simufact Forming Sheet Metal, Simufact Forming Heat Treatment, Simufact Forming Parallel Core, Simufact CAD Parasolid, Simufact Welding Hub, Simufact Welding Resistance Spot Welding, Simufact Welding Parallel Cores (4 core package), Advanced Free Form CAD (VISI), CREO 6.0 (University plus academic lab pack)
Agri. Drone Lab	MSC Nastran LS Productivity Bundle (MSC Nastran LS + Patran Basic + Patran Generic geometry translators), MSC Nastran MD Implicit NL Package (NL and MD Analysis with SOL 400), MSC Nastran Aeroelasticity I, GIS, Remote Sensing & Photogrammetry Education Kit (Imagine, Photogrammetry, Easy5 Electrical System, Easy5 Fluid Power Package, scFLOW & sc/Tetra - Standard Pre-Post, scFLOW & sc/Tetra - Standard Solver, Geomax Zenith Pro GNSS Receiver, Expansion Pack GeoMedia) - 5 User, ERDAS Imagine UAV, GNSS Survey, Agri. Spray Drone, Multi Spectral Drone, RGB Drone, Weather Monitoring Drone



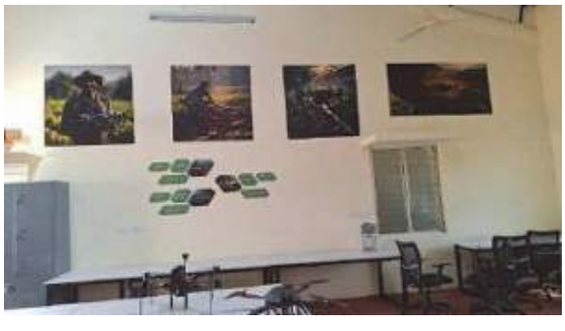






Agri Automation Laboratory









Agriculture Drone Laboratory





Farm Equipment Design and Manufacturing Laboratory

- **Online Learning Tools**

The University utilizes Learning Management Systems (LMS), virtual meeting platforms, digital repositories, e-content modules, MOOCs (SWAYAM/NPTEL), and recorded lectures. These tools facilitate blended learning, flipped classrooms, and continuous academic engagement beyond physical classrooms.

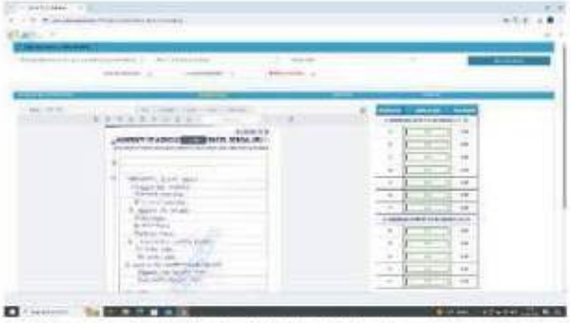
Undergraduate Academic Management (UGAM) software has been developed at the university level, which covers the entire study cycle of the student, including cashless fee payment and paperless registration by the students. E notes and lecture outlines are hosted in the cloud, and a link is provided with credentials on the University website. Plagiarism check (Drill bit)-link is also provided on the website for the benefit of PG students.

- **Digital Evaluation Hall**

A centralized Digital Evaluation Hall is established with secured computer systems, scanning devices, and evaluation software. It enables confidential, efficient, and timely digital valuation of answer scripts, ensuring transparency and accuracy in examination processes.

One digital evaluation hall equipped with 30 PCs and other required infrastructure is established in the University for the centralized digital evaluation of answer scripts of UG courses for quick and accurate processing of results.

Further, the digital evaluation facility was extended to individual teachers, who can access it from their personal computers using the provided valid ID and passwords, at any convenient time. A teacher can access and evaluate the answer books uploaded by the centralized examination centre, and marks can be uploaded by the teacher at 24/7 time frame.



Screenshot of the Digital Evaluation page

- **Internet Wi-Fi Connectivity**

The campus is enabled with high-speed internet connectivity through leased lines and optical fibre networks. Wi-Fi access is provided across academic blocks, hostels, libraries, laboratories, and administrative offices to support academic, research, and administrative activities.

- **Student Systems**

Integrated Student Information Systems (SIS) are implemented for admissions, enrolment, attendance, internal assessment, examination registration, result processing, and grievance redressal. These systems ensure transparency, efficiency, and easy access to student-related information. Thirty-three systems are placed in the main university Library for the benefit of students' academic usage, and students can access facilities every day from 8.30 am to 12 pm.

- **Setup for Email**

The University has a centralized and secure email infrastructure with adequate storage, spam filtering, and backup mechanisms. Email services are used for official communication, academic coordination, administrative notices, and student correspondence.

- **Email Address with Exclusive Domain Name**

All faculty members, staff, and students are provided official email IDs with the University's exclusive domain name. This ensures authenticated communication, institutional identity, data security, and professional digital presence.

- **Firewall**

A robust firewall and network security system is in place to protect institutional data and digital resources from cyber threats. It includes intrusion detection, access control, content filtering, and regular security updates to ensure safe digital operations.

- **Apps Developed**

The University has developed and deployed mobile and web-based applications for academic management, student services, examination processes, library access, feedback collection, and administrative workflows, promoting digital governance and user-friendly access to services.

The Android-based UGAM App has been developed and deployed for cashless fee payment and paperless semester registration by the students at the university level. This App also helps in the collection of feedback on the course contents delivered and the quality of teaching imparted by the faculty for further improvement.

C. College of Sericulture, Chintamani Campus

The College has a sufficient number of classrooms and functional laboratories for conducting theory and practical components of the B.Sc. (Hons.) Agriculture course curricula with advanced teaching

materials, audiovisual aids and smart classrooms. There are seventeen departments, in which 20 departments have functional laboratories and 4 (Plant biotechnology, Crop physiology, Horticulture, Forestry and Environmental science) are integrated laboratories and 2 departments (Agricultural Economics and Agricultural Extension) function in integrated lecture hall and listed in Food processing, nutrition and value addition coerces will be conducted using ODOP unit. Totally 1348 different equipment /instruments are available to offer 76 and 104 credit hours of practical and theory classes, respectively. The list of functional class rooms, laboratories, major equipment, workshops, and other instructional units available at different departments is presented below table with justifications to meet the curricula requirements for the award of the degree programme.

Details of classrooms and functional laboratories at CoS, Chintamani

Sl. No.	Particulars	No.	Capacity (No. of Students)	Justification for meeting curricula requirements
1	Classrooms (Lecture hall 5-8)	04	100	All the classrooms are well furnished with a podium, table, desks, boards and other teaching aids like, LCD projectors, CPU, hand held/collar mike, server and other multimedia audiovisual aids for effective conduct of classes using all types of presentations (PPT, documentary video, audio etc.). CC Camera fitted for monitoring of the conduct of class.
2	Functional Laboratories	20	50	All the laboratories are well equipped with podiums, tables, benches, chairs, stools, and printers, miniatures and models, charts, specimens, chemicals, equipment, implements, and ICT tools like cameras, computers, and an LCD projector connected to the internet for the effective conduct of practical classes.
3	Lecture capturing facility	01	50	Lecture capturing facility: The lectures delivered by faculty are recorded and uploaded to the website.



Classrooms with audio-visual tools



Classrooms



Well-maintained laboratory



Student activities: Entomology lab



Exam hall -1



Exam hall - 2



Classrooms with audio-visual tools



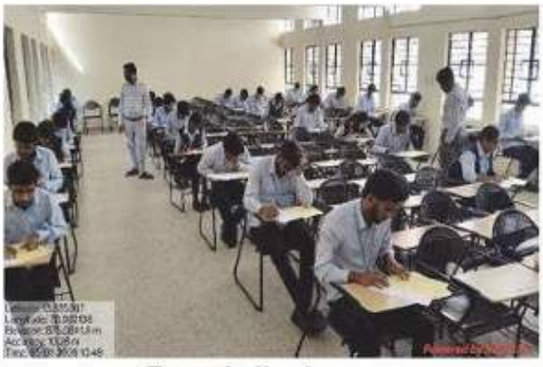
Classrooms



Well maintained laboratory



Student activities Silkworm pathology laboratory



Exam hall – 1



Exam hall - 2

i. Computer labs

The college has a computer laboratory with 30 computers, 300 Mbps internet access, and air conditioning for students and faculty. This lab offers computers with free internet so users can access e-resources, academic work, and research databases. Through this facility, students can also access electronic resources, such as e-books, e-journals, online databases, and university services like CeRA and AgriCat for academic use. In addition to the lab itself, the college offers broader IT infrastructure to support teaching and learning as part of its facilities, which includes internet-enabled resources and digital learning support.

ii. Online learning tools

The college utilizes Learning Management Systems (LMS), virtual meeting platforms, digital repositories, e-content modules, MOOCs (SWAYAM/NPTEL), and recorded lectures to support blended learning, flipped classrooms, and continuous academic engagement beyond the classroom. The University has also developed the Undergraduate Academic Management (UGAM) software, which streamlines the entire student lifecycle, including cashless fee payment and paperless registration. This facility is being used by the College. In addition, e-notes are hosted on the cloud and accessed through secure credentials provided via the University website.

iii. Digital Evaluation Hall:

The dedicated Digital Evaluation Facility is managed by UEC at the GKVK campus. The coded answer booklets are assigned to the faculty nominated by UEC. Before 2016-17, the answer books were evaluated by the teacher. From 2016-17 academic year, the university introduced a digital evaluation system for the evaluation of answer booklets. The evaluators are informed in advance about the course and date of the evaluation. Faculty evaluate the papers by accessing them online on the UGAM digital platform. As the counting and tabulation of marks is automated in the system, in addition to ease in assessment of answer sheets, considerable time is saved due to automated counting and tabulation. Further, this system also reduces counting errors.

iv. Internet Wi-Fi connectivity:

The college campus has campus-wide internet connectivity covering all departments, computer labs, hostels, and the library with Wi-Fi access. Internet bandwidth has been progressively upgraded to 300

Mbps, allowing assignments, research, presentations, and lecture uploads. Hostels and library computers provide seamless internet access for students and staff.

v. Student Systems:

Admission & enrolment Systems, Academic Management Systems, Student Support & Mentoring Systems, Co-Curricular & Extra-Curricular Management, Student Welfare & Financial Support Systems, Digital & Technology-Enabled Systems, and Alumni & Career Tracking Systems through UGAM software.

vi. Setup for email:

The College of Sericulture has established a dedicated email communication system to ensure effective, secure, and timely information flow between administration, faculty, staff, students, and external stakeholders.

- Faculty & Staff: Every faculty member and administrative staff is provided with an official college /university email ID
- Students: Students are assigned university-based email IDs for academic communication, access to online resources, and notifications
- These official IDs ensure secure, authenticated communication and integration with other college systems

- Email address with the exclusive domain name: www.uasbangalore.edu.in and deanseri@uasbangalore.edu.in

vii. Firewall

The College of Sericulture, Chintamani is equipped with robust internet connectivity and Wi-Fi coverage across the entire campus, ensuring seamless access to digital learning and administrative resources for students, faculty, and staff. However, no publicly available documentation specifically identifies or names a dedicated firewall device exclusively deployed for this campus in isolation. Network security and connectivity infrastructure are typically managed at the institutional or university level to ensure standardized protection, monitoring, and compliance across all campuses.

viii. Apps Developed

From the second semester of the first year onwards, until the completion of the degree programme, students are required to pay their fees online through the UGAM software developed by UAS, Bengaluru. This Apps-based system facilitates a transparent, secure, and cashless payment process, ensuring ease of transaction and efficient management of student fee records throughout the academic tenure.

6.6.1.7 Institutional Database and Website Updates

The UAS, Bangalore, has developed a comprehensive IT infrastructure to support its academic, research, and extension activities. Managed by the Agricultural Knowledge Management Unit (AKMU), the network infrastructure is built on a 12 km fibre optic network, providing reliable and fast connectivity across campus to facilitate seamless collaboration among faculty, students, and

researchers. The university has implemented a Unified Threat Management system (Sophos XG 430 appliances) for security, with packet filtering, malware protection, intrusion detection and prevention, and application control, for a safe environment for academic research and data exchange. The LAN at the GKVK campus connects all divisions, administrative blocks, hostels, and student accommodations. Campus-wide Wi-Fi network, powered by D-link Big DAP-2660 and Aruba access points, provides reliable wireless internet across academic buildings and hostels. Major upgrades to the Wi-Fi infrastructure were made in 2022 and early 2024, particularly in Undergraduate and postgraduate hostels, through the installation of TP-Link routers, D-link, and Aruba devices. The campus is connected to the 1 Gbps National Knowledge Network (NKN), offering high-speed internet for research collaborations, video conferencing, and digital resource sharing. Core switches, a Sophos firewall, and a Juniper M10i router ensure secure and efficient internet delivery throughout the campus.

University Examination Center (UEC) has a dedicated IT infrastructure, including LAN connectivity and 20 Mbps internet access. The UEC has adopted digital evaluation methods using specialized software such as UGAM and PGAM for managing undergraduate and postgraduate processes, supported by Kodak scanners, Captcha pro software for scanning and barcoding answer sheets, and Verificar software for OMR sheet reading, enabling efficient exam processing.

The Agricultural Knowledge Management Unit (AKMU) maintains and hosts the University website, providing critical IT services including internet, e-mail, and web server management. The UAS Bengaluru website is updated on a daily basis, and often multiple times per day as required. Since 1997, the ARIS (Agriculture Research Information System) has served as the university's central data hub, linking all constituent colleges and research directorates to a unified network. This connectivity drives global productivity and allows for real-time collaboration. The system's speed was further improved in 2010 through a partnership with ERNET, which provided an additional 8 Mbps of bandwidth.

Launched by the Government of India in 2010, the National Knowledge Network (NKN) was established to create a secure, high-speed internal network for reliable connectivity across the country. Designed to link all Indian research and educational institutions via high-bandwidth, low-latency infrastructure, the initiative also led to the rebranding of **ARIS** as the **AKMU,** with the following features

- Establishing high-speed backbone connectivity.
- Facilitating distance education.
- Virtual Library.

The network features a one Gbps link with 120 Mbps internet bandwidth, provided by the NKN through NIC. All hostels and offices are fully connected via LAN and Wi-Fi, with inter-building connections established using Optical Fiber Cable (OFC). Below are the campus-wise internet facilities and user details.

Internet Facilities with Bandwidth at Different Campuses

SL. No.	Institution	Type of institution	Place with District	Bandwidth	No of Users
1	Administrative Block	Head Office	GKVK, Bengaluru	1 Gbps	130

SL. No.	Institution	Type of institution	Place with District	Bandwidth	No of Users
2	North Block	Dean Post Graduate studies	GKVK, Bengaluru	1 Gbps	350
3	College of Agriculture, UAS, GKVK, Bangalore	College and Dean's Office	GKVK, Bengaluru	1 Gbps	250
		Library		1 Gbps	80
		PhD Boys Hostel		1 Gbps	230
		PhD Girls Hostel		1 Gbps	210
		PG Boys Hostel		1 Gbps	120
		PG Girls Hostel Block I		1 Gbps	150
		PG Girls Hostel Block II		1 Gbps	80
		UG Boys Hostel Block I		1 Gbps	90
		UG Boys Hostel Block II		1 Gbps	95
		UG Boys Hostel Block III		1 Gbps	105
		UG Girls Hostel Block I		1 Gbps	70
		UG Girls Hostel Block II		1 Gbps	75
		UG Girls Hostel Block III		1 Gbps	85
		UG Girls Hostel Block IV		1 Gbps	90
		UG Girls Hostel Block V		1 Gbps	120
		International students hostel Block I		1 Gbps	14
		Institute of Agri-Business Management		1 Gbps	65
		Dept. of Sericulture		1 Gbps	15
		Staff Training Unit		1 Gbps	12
		ZARS		1 Gbps	40
		Dept. of Horticulture		1 Gbps	20
		AICRP on Dryland Agriculture		1 Gbps	10
		AICRP on Agro-Forestry		1 Gbps	5
		National Seed Project Unit (NSP)		1 Gbps	25
		Bio-Fuel		1 Gbps	5
		Organic Building		1 Gbps	35
		Plant Bio-Technology		1 Gbps	40
		Dept. of Economics		1 Gbps	25
		Communication centre		1 Gbps	12
		Farmers Training Institute		1 Gbps	10
		CoE Watershed		1 Gbps	13
		Botanical garden		1 Gbps	3

SL. No.	Institution	Type of institution	Place with District	Bandwidth	No of Users
4	College of Agri. Engineering	College of Agri. Engineering	GKVK, Bengaluru	1 Gbps	65
5	University Examination Centre	Examination & Evaluation	GKVK, Bengaluru	p2p network with 4Mbps	60
6	Krishi Vigyan Kendra, Hadonahalli, Bengaluru Rural Dist.	Krishi Vigyan Kendra	Hadonahalli, Bengaluru Rural Dist.	Broadband	10
7	Krishi Vigyan Kendra, Chandurayanahalli, Magadi, Bangalore South Dist.	Krishi Vigyan Kendra	Chandurayanahalli, Magadi, Bangalore South Dist.	Broad band	12
8	College of Sericulture	College of Sericulture	Chintamani, Chikkaballapura Dist.	Lease Line 300Mbps	120
9	Agricultural Research Station, Chintamani	Agricultural Research Station	Chintamani, Chikkaballapura Dist.	Broadband	15
10	Krishi Vigyan Kendra, Chintamani, Chikkaballapura Dist.	Krishi Vigyan Kendra	Chintamani, Chikkaballapura Dist.	Broadband	13
11	Agricultural Research Station, Balajigapade, Chikkaballapura	Agricultural Research Station	Balajigapade, Chikkaballapura Dist.	Broadband	6
12	Agricultural Research Station, Nelamakanahalli, Chikkaballapura	Agricultural Research Station	Nelamakanahalli, Chikkaballapura Dist.	Broadband	5
13	Agricultural Research Station, Kunigal, Tumakuru	Agricultural Research Station	Kunigal, Tumakuru Dist.	Broadband	9
14	Agricultural Research Station, Pavagada, Tumakuru	Agricultural Research Station	Pavagada, Tumakuru Dist.	Broadband	10
15	Krishi Vigyan Kendra,	Krishi Vigyan Kendra	Konehalli, Tiptur, Tumakuru Dist.	Broadband	15

SL. No.	Institution	Type of institution	Place with District	Bandwidth	No of Users
	Konehalli, Tiptur, Tumakuru Dist.				
16	College of Sericulture, Chintamani	Government institution	Chintamani, Chikkaballapura district	300 MBPS	620 users

To boost network performance and maximize bandwidth efficiency, the University has swapped the Cisco 1700 for a Juniper M-10i router.

Network System in the University

The Sophos XG430 firewall is deployed to secure the network against external threats while optimizing bandwidth through priority-based distribution. By restricting non-academic internet usage and maintaining comprehensive user logs, it ensures network resources are utilized efficiently and appropriately.

Internet Distribution Pattern

The University network infrastructure has been upgraded to Layer 3 (L3) technology to enhance LAN management. By replacing unmanaged switches with managed L2 switches, the university can now monitor traffic more effectively and quickly resolve technical issues. Every classroom now features wired LAN access to support IT-based learning, while high-traffic campus areas are covered by Google-powered Wi-Fi. To ensure reliable communication, all staff and officers have been assigned dedicated domain email accounts. This robust network facilitates real-time distance education, the digital sharing of class presentations (E-notes), and a virtual library for exchanging academic journals and research papers across institutions. The University website, which was in HTML format upgraded to CMS with the latest features. The website is updated daily. For the benefit of local people/farmers, the website is made available in the local language.



Home Page of the University website and database: University of Agricultural Sciences, Bangalore (https://www.uasbangalore.edu.in/en/home/)

The University website acts as a centralized digital hub designed to meet the multifaceted informational needs of its primary stakeholders: students, faculty, researchers, and the farming community. By organizing its interface around the core pillars of education, research, and extension, the platform ensures seamless access to specialized resources.

Academic and Student Support: For prospective and current students, the website provides a transparent roadmap for academic progression:

- **Admissions and Courses:** Detailed sections cover Undergraduate (UG), Post Graduate (PG), Diploma, and Certificate courses, alongside specific information on non-degree programs.
- **Examination and Management:** The University Examination Centre and dedicated portals for Academic Management (UGAM and PGAM) allow students to track their educational milestones and convocation details.
- **Student Welfare:** Comprehensive details regarding scholarships, stipends, hostel facilities, health services, and the University Placement Cell ensure that non-academic needs are addressed.

Research and Innovation Hub: The website serves as a critical repository for scientists and global collaborators by documenting the university's contributions to agricultural science:

- **Research Infrastructure**: Information is provided on various Research Stations, the Central Instrumentation Facility, and specialized ICAR and RKVY projects.

- **Intellectual Output**: Stakeholders can access breakthrough research, research papers, books, and faculty publications, as well as information on patents and various adhoc projects.

- **Collaboration**: A dedicated section for MoUs/MoAs and international activities facilitates global partnerships.

Extension and Farmer Outreach: True to its mandate of community service, the site provides extensive resources for the farming public and extension workers:

- **Direct Support:** The Directorate of Extension offers information on the Agricultural Technology Information Centre (ATIC), Krishi Vigyan Kendras (KVKs), and the annual Krishimela.
- **Training Units:** Specialized sections for Bakery Training, the Farmers Training Institute, and Distance Education Units empower stakeholders with vocational skills.
- **Practical Resources:** Farm information, cropping plans, and farm trials are readily available to bridge the gap between lab research and field application.

Governance and Transparency: The website also addresses the needs of the general public and administrative bodies through a robust transparency framework:

- **Administrative Clarity**: It outlines the organizational setup, including the Board of Management and the offices of the Chancellor, Vice-Chancellor, and Registrar.
- **Public Accountability:** Key sections are dedicated to RTI (Right to Information), tenders, notifications, circulars, and the university budget.

- **Accessibility:** Modern features such as a language toggle, font adjustments, and accessibility standards for the differently-abled ensure that information is inclusive for all users.

By integrating real-time updates—such as weather reports, news, events, and social media feeds—the UAS Bangalore website functions as a dynamic tool that supports the growth of the agricultural sector in Karnataka.

6.6.1.8 Interdepartmental Linkages

The University supports strong interdepartmental linkages through its three constituent colleges till 2025, and presently comprises three constituent colleges, each comprising departments with closely aligned academic and functional mandates. The academic programmes of these colleges have been structured and implemented in accordance with the recommendations of the Fifth Deans' Committee (FDC) till 2023-24 and Sixth Dean's Committee (SDC) from 2024-25 of ICAR.

A) College of Agriculture (CoA), GKVK Campus

Undergraduate programmes are effectively supported through interdepartmental collaboration with the various departments of the College of Agriculture, providing academic support to the UG programmes of Agriculture and Agri-Business Management.

The academic programmes of the degree programmes are in close coordination with the Directorate of Research and Extension to undertake research in identified priority areas, thereby strengthening the University's research and extension ecosystem. The University administers and coordinates academic programmes across three constituent Colleges comprising 23 departments. Its integrated research and extension system is supported by the Zonal Agricultural Research Station (ZARS), 13 Agricultural Research Stations (ARS), an Organic Farming Research Station, 30 All India Coordinated Research Projects (AICRP), four Krishi Vigyan Kendras (KVKs), one Extension Education Unit (EEU), and four Centers of Excellence.

To strengthen research governance and enhance scientific output in priority areas, the University has created and filled the position of Associate Director of Research (ADR) under the Directorate of Research. This position supports effective management and advancement in the domains of Crop Improvement, Horticulture and Food Science, Natural Resource and Plant Health Management, Farm Machinery, and Bio-energy. The ADR assists the Director of Research in the systematic planning, coordination, and monitoring of research activities across colleges, the main campus and outstations. They play a key role in strengthening research planning and implementation, promoting interdisciplinary collaboration and motivating faculty to develop and submit competitive research project proposals.

A dedicated Project Planning and Monitoring Cell operates under the direct supervision of the Office of the Vice-Chancellor, ensuring strategic planning, effective implementation, and continuous monitoring of academic, research, and extension activities in alignment with the University's mandate. The University has constituted interdisciplinary groups of scientists to address emerging and region-specific challenges in agriculture and allied sectors. These groups bring together expertise from relevant disciplines to develop integrated and need-based solutions. Notable initiatives include an interdisciplinary water management group comprising scientists from the Departments of Agronomy,

Soil Science and Agricultural Chemistry and Soil and Water Conservation. Such interdisciplinary initiatives strengthen collaborative research, enhance technology development, and ensure alignment of research outcomes with regional agricultural priorities.

The Directorate of Extension facilitates strong linkages between the University and progressive farmers, entrepreneurs, and industry stakeholders, while the Directorate of Education periodically invites domain experts from industry and allied sectors to deliver special lectures to Undergraduate and Postgraduate students in the relevant disciplines.

Under the Rural Agricultural Work Experience Programme (RAWEP), Undergraduate students across all programmes engage closely with progressive farmers, Krishi Vigyan Kendras (KVKs), the State Department of Agriculture, the State Forest Department, food processing units through RAWE, Experiential Learning Programme (ELP), and Agro-Industrial Attachment (AIA) training. These structured engagements enable students to establish functional linkages with cooperative societies, Panchayati Raj Institutions, industries, and government departments. In addition, exposure visits are organized for students of various UG programmes to relevant industries, production units, and field situations to meet curriculum requirements. Mandatory educational tours provide opportunities for interaction with farmers, industries, students and faculty of national and international institutions outside the state. Undergraduate students gain real-world experience through internships and research projects with local and international organizations. By inviting industry experts to teach and basing research on actual market needs, universities strengthen their ties to the business world and help students get hired faster.

B) College of Agricultural Engineering (CoAE), GKVK Campus

The Department of Soil and Water Engineering (SWE), College of Agricultural Engineering (CoAE), follows a collaborative working culture within the department as well as across disciplines. In this context, the Department of SWE was sanctioned a multidisciplinary project entitled "Establishment of a Laboratory for Quality Testing of Micro-Irrigation Components under the Precision Farming Development Centre (PFDC)", with the objective of testing micro-irrigation components supplied to farmers by the Government, particularly under the Pradhan Mantri Krishi Sinchayee Yojana (PMKSY) through the Department of Horticulture. The project involves multidisciplinary collaboration with premier institutions, notably the Central Institute of Petrochemicals Engineering and Technology (CIPET), Devanahalli, Bangalore. A Memorandum of Understanding (MoU) was signed between the two institutes on 25-04-2023 to undertake interdisciplinary research and testing activities. This collaboration is expected to significantly benefit students, researchers, and farmers across the state.

C) College of Sericulture, Chintamani Campus

The sericulture degree programme is highly interdisciplinary and integrates knowledge from multiple scientific and socio-economic disciplines. In agricultural sciences, sericulture is closely linked with agronomy through mulberry cultivation practices and soil management, with soil science for nutrient management of mulberry gardens, with agricultural extension for technology transfer to farmers, and with plant protection for managing pests and diseases in mulberry.

In biological and life sciences, sericulture is strongly connected with entomology for understanding silkworm biology, life cycle, and genetics, microbiology for studying silkworm diseases and their microbial control, genetics and breeding for developing high-yielding silkworm strains, and

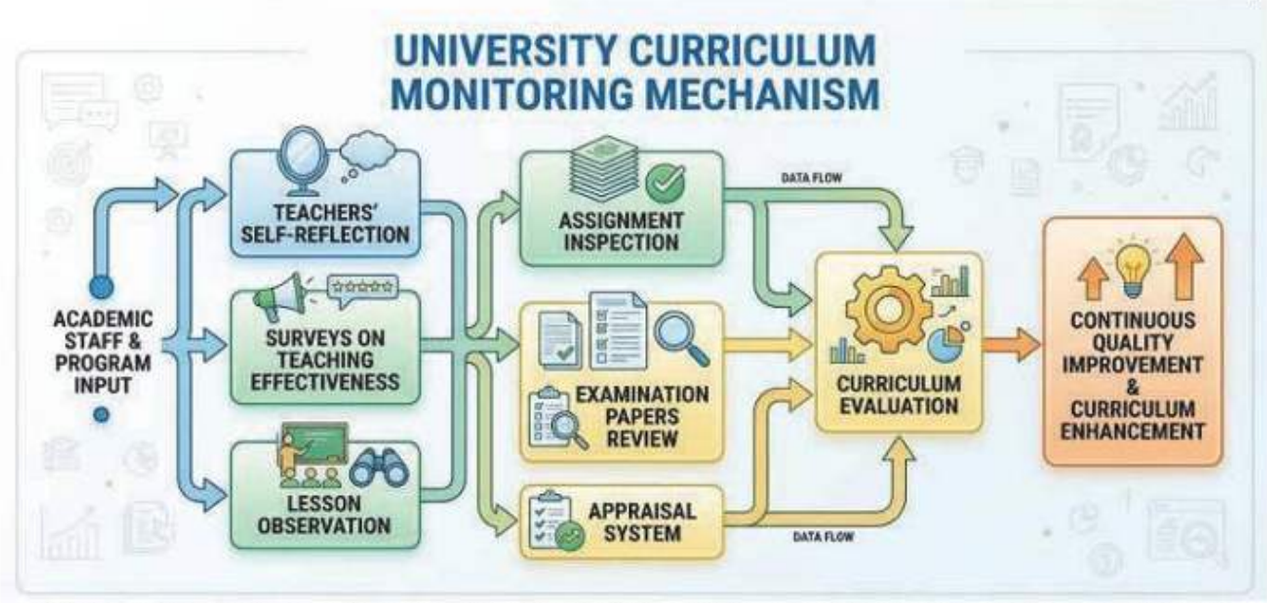
biochemistry for silk protein formation and metabolic processes. These linkages help in improving cocoon quality and disease resistance.

Although sericulture is primarily insect-based, it is also linked with veterinary and animal sciences through concepts of nutrition and growth comparison, disease management approaches similar to livestock systems, and integrated farming systems that combine livestock with mulberry cultivation. The programme also connects with horticulture and forestry through agroforestry systems involving mulberry, nursery techniques for propagation, soil and water conservation practices, and biodiversity and ecosystem management. In engineering and technology, it involves sericulture machinery such as reeling, spinning, and cocoon processing units, post-harvest technologies like storage, drying and grading of cocoons, farm tools and irrigation systems, and the use of ICT in agricultural advisory services.

In economics, marketing, and management, the programme includes cost–benefit analysis of sericulture enterprises, silk marketing systems involving APMC and cooperatives, supply chain and value chain management, and entrepreneurship development in the silk industry. In social sciences and extension, it covers rural sociology, agricultural extension for technology dissemination, the role of SHGs and cooperatives in rural development, and participatory rural appraisal activities conducted during RAWE programmes. Environmental science linkages focus on sustainable sericulture practices, water conservation in mulberry cultivation, the impact of climate change on silkworm production, and organic and eco-friendly pest management methods. Finally, industry and institutional linkages are established through interactions with silk reeling units, the Karnataka State Sericulture Department, NGOs, SHGs, cooperatives, APMC markets, and research institutions under the UAS system.

6.6.1.9 Monitoring Mechanism

The University follows a comprehensive curriculum monitoring mechanism that integrates multiple layers of review and feedback. This includes teachers' self-reflection, surveys on teaching effectiveness, structured lesson observations, systematic inspection of assignments, thorough review of examination papers, a formal appraisal system, and periodic curriculum evaluation. The curriculum is periodically reviewed by the Board of Studies (BoS) and the Academic Council based on feedback received from students, alumni, employers, and faculty members. The progress of syllabus coverage and teaching–learning activities is monitored through departmental meetings, academic calendars, and periodic review by the Dean/Director of Education. Together, these components create a continuous



Schematic representation of comprehensive curriculum monitoring. The continuous loop ensures the curriculum is not a static document but a dynamic process that evolves based on classroom data, academic outcomes, and feedback. Insights are used to refine the curriculum through the Board of Studies

feedback loop that supports quality assurance, promotes reflective teaching practices, and enables timely improvements to enhance student learning outcomes.

A) College of Agriculture (CoA), GKVK Campus

i. Teachers' self-reflection

Staff and student interaction meetings are conducted to collect feedback regularly. Feedback from the students about the performance of teachers in delivering effective and quality teaching of all courses in the preceding semester is taken through the UGAM App while registering for the present semester. The same is analysed by the University, and the results are forwarded to the Deans for further improvements.

ii. Surveys on teaching effectiveness

- Surveys on teaching effectiveness are being done periodically by the concerned Deans and Heads of the Departments
- Teaching in classrooms and practical halls will be monitored by the concerned Dean, and necessary corrective measures, if any are required, are communicated to the concerned teacher. Further, Dean also makes surprise inspections to see the implementation of the curriculum and evaluation system approved by the university.
- At the end of each semester, feedback on all the courses taught by every teacher is obtained in a structured proforma from the students, which is confidential, and any deficiencies will be noted to the concerned teacher with appropriate advice
- Teachers are also taking students' feedback at the end of the course. Students can give course delivery feedback at the end of the course in the online tool 'UGAM' developed by the University Examination Centre.
- Feedback from alumni is also obtained for the improvement of teaching periodically.

- Students' feedback by the outgoing students for the teacher and course is being collected as the standard operating procedure for the selection of the best teacher.
- Student counsellors conduct meetings at regular intervals at least once in a semester to listen and redress the grievances of the students; and to discuss academic and co-curricular performance to mould their overall personality.

iii. Lesson observation

Teaching in classrooms and practical halls is monitored by the concerned Dean, and necessary corrective measures, if any, required are communicated to the concerned teacher. Further, Dean also makes surprise inspections to see the implementation of the curriculum and evaluation system approved by the university. At the end of each semester, feedback on all the courses taught by every teacher is obtained. The progress of the course and syllabus covered is reviewed at the department level during the monthly staff meeting.

iv. Assignment inspection

In line with the lesson plan, course instructors select assignment topics and handle the subsequent evaluations

v. Examination papers review

- Internal assessments, including quizzes, midterms, and practical, are designed, reviewed, and graded by the course instructor based on the taught material. In contrast, the 50-mark external exam is created by an outside expert and undergoes a rigorous quality review by university subject specialists to ensure syllabus alignment and standard patterns.
- The examination and evaluation for UG students is being monitored by the centralised examination cell located at the university headquarters in consultation with the concerned Deans.
- The whole system of evaluation is highly transparent with a provision for photocopy of answer scripts and an appeal for re-totalling and revaluation.
- All classrooms and examination halls are fitted with CCTV coverage with internet connectivity and monitored at the university level.
- Digital evaluation for the external examination papers is adopted through UGAM

vi. Appraisal system

Annual evaluation system for employees is a regular feature being adopted in university with a purpose of evaluating employees' skills, achievements and overall contribution to the organization. The Annual Evaluation reports and confidential reports are evaluated by the respective controlling officers. Annual performance evaluation is seen as an opportunity to provide feedback on areas for improvement and address behavioural problems, if any.

vii. Curriculum evaluation

Academic information and regulations (AI and R's) are prepared based on ICAR Dean's committee and Board of Studies recommendation are strictly followed. UG Academic Management (UGAM) is a web-enabled application Software for the management of various academic activities. The System caters to

the requirements of different users Dean, Registrar, Heads, Guides, Faculty, Teachers, Students, Administrators and officials for performing their assigned tasks. The System is user friendly and can be accessed ubiquitously. The online capabilities of the system allow the students, faculty members, and administrators to publish and retrieve information from their respective disciplines.

The University adopted the ICAR-6th Dean committee syllabus form the academic year 2024-25. To incorporate local curriculum requirements, proposals for syllabus modifications are first reviewed during the department's Annual Technical Meeting. These proposals are then submitted to the Board of Studies and finally approved by the Academic Council.

B) College of Agricultural Engineering (CoAE), GKVK Campus

The College of Agricultural Engineering (CoAE), GKVK Campus, has established structured mechanisms to evaluate students in engineering sciences in accordance with the University's prescribed guidelines. These mechanisms include continuous internal assessment, practical and laboratory evaluations, assignments, project work, and end-semester examinations. The evaluation process is designed to ensure fairness, transparency, and consistency, while effectively measuring both theoretical understanding and practical competencies. Regular reviews and moderation further help maintain academic standards and support student progression. Continuous internal assessment, student performance analysis and course outcome attainment are regularly reviewed to ensure achievement of programme objectives. As mentioned above, the University also monitors the effectiveness of curriculum delivery through structured student feedback, faculty appraisal and internal quality assurance processes, and suitable corrective actions are taken wherever required.

The College of Agricultural Engineering has a functional internal quality assurance system for total quality management to achieve high standards in academic performance, administration, accounts, research, and extension.

i. Monitoring Mechanism for Teaching:

- **CCTV surveillance system:** The visits of students to classrooms, different laboratories and library are being monitored through digital means with the help of CCTV surveillance system. Conduct of classes and examinations are monitored by the college administration through online and CCTV surveillance system.

- **Under Graduate Academic Management (UGAM) system:** The University has implemented Under Graduate Academic Management (UGAM) system which includes planning semester-wise courses, fee payment and registration for the semester, obtaining question papers for the final examinations from the external examiners, digital evaluation of answer scripts, finalization of grade reports and issuing final marks card, provisional degree certificate (PDC) and migration certificate at the end of the degree programme and feedback. The UGAM system is effectively implemented in the college, which is assisting in monitoring quality education online

- **Wi-Fi jammers:** The examination halls are equipped with Wi-Fi jammers to prevent malpractices, which resulted in zero malpractices over the years.

- **Course Outlines:** A detailed course outline is submitted as per the syllabus in the beginning of the semester by respective teachers, and study materials/e-notes are also provided to the students.

- **Counselling System:** Students on their admission shall be divided into 10 to 12 students by the Special Officer/Dean (Agril. Engg.). The head of the Departments concerned is assigned to one of the teachers, who is designated as the counsellor. The counsellor shall maintain the record of the student in the format prescribed by the university.
  The counsellor will establish and foster close personal relationships with the students assigned to him by periodical meetings with individual batch of students, in order to understand their problems and to provide remedial actions as may be necessary in consultation with the course teacher(s) and the head concerned.
  Among other things, the counsellors are helping students in planning their academic programmes. All representations from the students should be routed through their respective counsellor. The counsellor shall report the progress of the counselee to the parent / guarding progress in the prescribed format.

- **Career counselling for competitive examinations:** Interactive classes and coaching classes by the experts are conducted for the GATE and JRF examinations for the III and IV B. Tech. (Agril. Engg.) students under the Skill Development Centre and regular interaction on career counselling after the UG, PG, and Ph.D regarding higher studies and placement. Special coaching for JRF, SRF, ARS, CAT, GRE, GATE, TOEFL, UPSC, KAS, etc. examination is arranged for the students.

- **Guest Lectures and Personality Development Classes:** Guest lectures from the various professors and professionals are organised for the students, which will help them to get more Knowledge in the respective area. Motivational speeches and personality development classes are organized to make students stronger.

- **Finishing School Programme:** The finishing school programme were organised for the final year B. Tech. (Agril. Engg.) students.

- **Anti-Ragging System**: To prevent any ragging and intimidation of the newly admitted students, an anti-ragging squad of the college and campus level has been formulated for strict monitoring in the college as well as in the hostel.

- **Exposure Visit:** Students undergo an exposure visit to industries/ institutes as per the course curriculum to get practical knowledge in the relevant core area.

- Additionally, faculty and students were informed through online messages for examinations, specific academic activities, meetings, seminars and examination result alerts.

ii. Teachers' Self-Reflection

Faculty members regularly engage in self-reflection through academic diaries, course files, and end-of-semester reflections. This enables teachers to evaluate the effectiveness of lesson delivery, syllabus coverage, student participation, and learning outcomes, and to identify areas for improvement.

iii. Surveys on Teaching Effectiveness

Student feedback on teaching effectiveness is systematically collected through structured questionnaires at the end of each semester. The feedback covers teaching methodology, subject clarity, interaction, evaluation methods, and overall course delivery. The feedback is analyzed and communicated to faculty for academic improvement.

iv. Lesson Observation

Classroom teaching is periodically observed by Heads of Departments and Deans. Lesson observation focuses on teaching methodology, use of ICT tools, content delivery, student engagement, and time management. Constructive feedback is provided to faculty members.

v. Assignment Inspection

Assignments, practical records, and project reports are periodically inspected by the Head of the Department and course coordinators to ensure relevance to the syllabus, uniformity in evaluation, and attainment of course outcomes.

vi. Examination Papers Review

Question papers for internal and end-semester examinations are reviewed and moderated by subject experts and Boards of Studies to ensure syllabus coverage, appropriate difficulty level, and alignment with course outcomes and Bloom's taxonomy.

vii. Appraisal System

The University follows a structured faculty appraisal system based on teaching performance, research contributions, student feedback, academic responsibilities, and extension activities. Annual Performance Evaluation Reports are used for performance assessment and professional development.
In addition, based on feedback received from students, the University also recognizes outstanding teaching performance by conferring the **"Best Teacher Award"** to deserving faculty members, thereby encouraging quality teaching and continuous improvement.

viii. Curriculum Evaluation

Curriculum evaluation is carried out through feedback from students, employers, academic peers, and subject experts. The Board of Studies and Academic Council periodically review the curriculum to incorporate emerging technologies, industry needs, and societal requirements.

C) College of Sericulture, Chintamani Campus

The College of Sericulture adheres to the University's prescribed guidelines to systematically monitor the academic activities of both undergraduate (UG) and postgraduate (PG) students. This process includes regular tracking of attendance, continuous internal assessments, evaluation of assignments and practical work, and periodic review of academic progress. Faculty members actively engage in mentoring and provide feedback to support student learning, while departmental reviews and academic audits ensure consistency, transparency, and alignment with institutional standards. The College

established an internal quality assurance cell to ensure high standards in academic performance. The movement and activities of staff, students, and visitors are monitored through CCTV cameras installed at the entry, exit, and strategic areas of the college campus, including all lecture halls, examination halls, library. Competent authorities conduct inspections during ongoing classes to ensure the quality and effectiveness of teaching. The college has a well-structured counselling system where in each teacher is assigned 10-20 students to mentor the curricular and co-curricular activities of the students.

The University has implemented the Undergraduate Academic Management (UGAM) software at the college level to streamline academic administration. It supports semester-wise course planning, fee processing, student registration, question paper management, digital evaluation, and the issuance of mark cards, Provisional Degree Certificates (PDC), and migration certificates. The system also facilitates timely communication by notifying faculty and students about examinations, academic activities, meetings, seminars, and results, thereby enhancing efficiency and supporting quality education

The physical, financial, and strategic roadmaps of both internal and externally funded projects operated by the principal investigators (PI) are consistently monitored by the Dean (Seri.) and the Directorate of Research, UAS (B) using PMS Software.

i. UG monitoring

Sl. No	Items	Planning	Guiding	Monitoring	Quality Assurance	Quality enhancement
1	Internal Quality Assurance Cell	Establish a quality assurance system to monitor academic performance through curriculum review meetings, teaching methodology improvements, ICT-based teaching programmes, academic audits, counselling service, and career guidance programmes.	Students	To ensure high standards in academic performance	For academics	100%
2	CCTV surveillance	Installed at entry, exit, and important areas of college campuses, *viz.*,	Staff and students	The movement and working activities of the staff, students, and	Working activity of faculty, students, and others	100%

Sl. No	Items	Planning	Guiding	Monitoring	Quality Assurance	Quality enhancement
		all lecturer halls, examination hall, library, administrative section, academic and financial sections.		other visitors are monitored		
3	Surprise Inspections	The competent authorities make surprise inspections during classes and examinations	Staff and students	To monitor and evaluate the teaching quality and examination system	Quality assurance of teaching faculty and students	100%
4	Counselling system	Each teacher is allotted 8-10 students	Students	Conduct regular counselling to monitor the curricular, cocurricular activities and other activities of the students	The student's academic progress will be regularly reviewed.	100%
5	UGAM	The University has implemented undergraduate management software	Students	To plan semester-wise courses, fee payment and registration for the semester, schedule of examinations, finalization of grade reports, and issuing final mark card, provisional degree certificate, and migration certificate at the end of the degree programme	The UGAM software is effectively used in the college to monitor the quality of education	100%
6	Online messages	To send information related to UG	Faculty & students	Faculty and students were informed	Alerts for all academic	100%

Sl. No	Items	Planning	Guiding	Monitoring	Quality Assurance	Quality enhancement
		activities to faculty and students through online		through online messages / WhatsApp regarding examinations, academic activities, meetings and examination results etc.	and other activities	
7	UG Quality education	To conduct external examination by exam cell	Staff and students	Paper setting is done by external examiner	For academics	100%

ii. PG monitoring

Sl. No.	Items	Planning	Guiding	Monitoring	Quality Assurance	Quality enhancement
1	Internal Quality Assurance Cell	Established a quality assurance system to monitor academic performance through curriculum review meetings, teaching methodology improvements, ICT-based programmes, academic audits, counselling services, and carrier guidance programmes.	Students	To ensure quality in academic activities	Academics	100%
2	CCTV cameras	Installed at entry, exit, and important areas of college campuses *viz.*, all lecture halls, examination halls, library, administrative	Staff and students	The movement and working activity of staff, students and other visitors is monitored	Working activity of faculty and students	100%

Sl. No.	Items	Planning	Guiding	Monitoring	Quality Assurance	Quality enhancement
		section, academic and Accounts sections.				
3	Surprise Inspections	The competent authorities make surprise inspections during classes and examinations	Staff and students	To monitor and evaluate the teaching quality and examination system	Quality assurance of teaching faculty and students	100%
4	Counselling system	Each PG student is allotted to a major advisor	Students	Oversee the curricular, cocurricular, and research programmes of the students	Students' academic and research progress will be regularly monitored.	100%
5	PGAM	The University has implemented postgraduate management software	Students	To plan semester-wise courses, fee payment and registration, finalization of grades and issuing final marks card, provisional degree certificate, and migration certificates, etc.	The PGAM software is effectively used in the college to monitor the quality of education	100%
6	Online messages	To send information related to PG activities to faculty and students through online	Faculty & students	Faculty and students were informed through online messages / WhatsApp regarding examinations, academic activities, meetings and examination results, etc.	Alerts for all academic and other activities	100%
7	Advisory committee	To monitor the research programmes of the students	Faculty & students	The Advisory Committee will plan and monitor the	Completion of PG programme	100%

Sl. No.	Items	Planning	Guiding	Monitoring	Quality Assurance	Quality enhancement
				research programme		
8	PG & Ph.D external examination for viva and qualifying examination	To monitor and evaluate the academic and research performance of students	Faculty & students	By paper setting by external examiners and evaluation by external examiners. Also, through Setting minimum marks for passing– M.Sc & Ph.D.	Completion of PG and Ph.D programme	100%

6.6.1.10. Internal Quality Assurance Cell/Project Planning and Monitoring Cell

i. The Internal Quality Assurance Cell (IQAC)

The Internal Quality Assurance Cell (IQAC) at the University of Agricultural Sciences, Bangalore, was established on 2nd May 2023 at the Office of the Vice Chancellor, to ensure continuous quality enhancement in education, research, and institutional governance. IQAC plays a vital role in maintaining academic excellence, transparency, and accountability across all university functions.

Functions of IQAC: IQAC performs the following key functions,

- Development and application of quality benchmarks and performance indicators.
- Facilitation of learner-centric teaching-learning methods and evaluation reforms.
- Organization of workshops, seminars, and training programmes for faculty and staff on quality enhancement.
- Establishment of a robust feedback system involving students, alumni, parents, and employers.
- Documentation of academic and administrative activities for internal review and external accreditation.
- Conduct of Internal Academic and Administrative Audits (AAA).
- Preparation and submission of Annual Quality Assurance Reports (AQAR).
- Promotion of research culture, innovation, and best practices.
- Monitoring of institutional performance through measurable outcomes and KPIs.
- Coordination of accreditation and ranking processes.

The University is accredited with A+ (score:3.27) from the National Assessment and Accreditation Council (NAAC) for a commendable duration of five years (2024-25 to 2029-30), a testament to its unwavering dedication to excellence in Agricultural Education, Research, and Extension services.

The Internal Quality Assurance Cell (IQAC) / Internal Quality Assurance System (IQAS) has significantly contributed to institutionalizing quality assurance mechanisms within the University.

Through systematic and periodic reviews, IQAC ensures continuous enhancement of teaching–learning processes, operational frameworks, and learning outcomes.

The IQAC/IQAS plays a central role in strengthening quality across teaching, research, and extension activities by standardizing academic and administrative procedures. Academic policies about undergraduate and postgraduate programmes are regularly reviewed, and curricula are updated through deliberations in Annual Technical Meetings, Boards of Studies, and the Academic Council. Faculty members undertake annual self-appraisal, which is duly evaluated by the respective Heads of Departments. Structured feedback from students and faculty is systematically analysed and utilized for informed decision-making and implementation of targeted interventions. The University has adopted UGAM software to streamline administrative processes such as online registration, fee payment, and automated examination result processing.

IQAC-related activities are monitored by committees chaired by senior faculty members, including the Dean (Agriculture). All campuses are equipped with ICT-enabled facilities such as smart classrooms, digital podiums, and video conferencing systems, thereby facilitating effective teaching and learning. Postgraduate students actively participate in academic engagements such as online seminars and the PG Science Week, which was initiated in 2014. The central library has been fully digitized and integrated across campuses, providing seamless access to e-resources through platforms such as MyLOFT and Sententia. Faculty members are encouraged to maintain research profiles on Scopus, IRINS, Google Scholar, and ResearchGate to enhance research visibility and citation impact. Examinations are conducted in CCTV-enabled halls, with a progressive shift towards digital evaluation. Answer scripts are scanned, barcoded, and evaluated remotely using University-developed software, ensuring transparency and efficiency. These initiatives have strengthened academic outcomes and contributed to the University's consistent performance in ICAR-JRF and ICAR-ARS examinations.

ii. Project Planning and Monitoring Cell (PPMC):

The PPMC was established in the University based on the recommendations of the ICAR Review Committee on Agricultural Universities (1978). The PPMC provides managerial and strategic support to the Vice-Chancellor for the effective and smooth functioning of the University. It plays a pivotal role in coordinating and consolidating reports required by the State and Central Governments, as well as various organizations and institutions. The Cell also acts as a facilitator in assisting the Vice-Chancellor and other statutory bodies in reviewing and monitoring University programmes. Further, it ensures efficient utilization of resources and develops mechanisms for planning, evaluation, and coordination of University activities.

- The PPMC serves as a nodal agency for communication with ICAR, facilitating the submission of reports and proposals, coordinating ICAR-funded programmes and schemes, and ensuring timely communication and proper documentation.
- The Cell oversees the complete lifecycle of institutional projects, including identification and formulation of proposals, application screening, budget planning, and resource allocation. It also monitors project progress, milestones, documentation, reporting, and ensures timely completion along with impact assessment.
- The PPMC monitors and facilitates various student scholarship programmes, including ICAR–NTS, ICAR–JRF, ICAR–SRF, and the Netaji Subhas ICAR International Fellowship, ensuring effective implementation and support to eligible students.

- The PPMC facilitates Corporate Social Responsibility (CSR) initiatives by identifying funding opportunities, preparing and submitting proposals, coordinating with industry partners, monitoring fund utilization and outcomes, and ensuring compliance with funding guidelines. During the assessment period, significant funds of Rs. 10340 lakhs were mobilized through Corporate Social Responsibility (CSR).
- The PPMC actively contributes to accreditation processes by assisting in documentation and report preparation, coordinating departmental data collection, supporting compliance with accreditation standards, and facilitating institutional audits and inspections. The University is accredited by the National Agricultural Education Accreditation Board (NAEAB) under ICAR with an 'A' Grade (Score: 3.261) for the period 2020–21 to 2025–26.
- The PPMC also plays a major role in drafting, reviewing, and processing Memoranda of Understanding (MoUs) and Memoranda of Agreement (MoAs). It maintains a centralized database of all institutional collaborations, monitors implementation and outcomes, and facilitates partnerships with academic, research, and industry organizations. During the reporting period, the University established 224 collaborations with leading national and international academic institutions, Government departments, civil society organizations, and industry partners in agriculture and allied sectors.

The PPMC is actively involved in collecting and analyzing institutional data, playing a crucial role in securing national rankings such as the National Institutional Ranking Framework (NIRF). Its key responsibilities include data collection and validation, preparation and submission of ranking reports, performance analysis, benchmarking, and developing strategies for continuous improvement. The University secured the 11th rank in the Agriculture and Allied Sector category of NIRF (Ministry of Education, Government of India) for the years 2022–23 to 2024–25. In the Overall University category, it ranked 90th in 2022–23 and 2023–24, and 95th in 2024–25. Additionally, under the State Public University category, the University improved its position from 44th rank in 2023–24 to 37th rank in 2024-25.

6.6.1.11. Collaboration with Academic Institutions and Industries

The University, as a premier State Agricultural University, is committed to advancing excellence in agricultural education, research, extension, and technology commercialization in alignment with national and state development priorities. In pursuit of this mandate, the University has developed a strong and dynamic network of collaborations with leading national research institutes, state government departments, industry partners, incubation centres, and reputed international institutions. These strategic partnerships are designed to promote interdisciplinary research, strengthen academic quality, enhance student employability, facilitate technology transfer, and accelerate innovation in agriculture and allied sectors. Through formal Memoranda of Understanding (MoUs), joint research initiatives, shared infrastructure, faculty and student exchange programmes, and coordinated extension activities, UAS(B) ensures effective integration of scientific advancements with field-level application. The University maintains academic and research linkages with premier institutions such as the National Center for Biological Sciences (NCBS), Indian Institute of Science (IISc), Tata Institute for Genetics and Society (TIGS), Institute for Stem Cell Science and Regenerative Medicine, various Council of Scientific and Industrial Research (CSIR) institutes, the Central Silk Board, and many international universities, including ICRISAT. These collaborations facilitate advanced research in molecular biology, genomics, biotechnology, crop improvement, sericulture, and allied disciplines, while enabling access to high-end instrumentation and specialized expertise.

At the state level, the University works closely with the Department of Agriculture, Government of Karnataka, and the Department of Horticulture, Government of Karnataka, along with other allied departments, to conduct field validation trials, farmer capacity-building programmes, seed and planting material distribution, and policy-oriented agricultural research. These collaborations ensure that research outputs are translated into practical solutions that directly benefit farmers and rural communities.

In addition, UAS(B) actively engages with recognized incubation centres, biotechnology innovation hubs, agro-industries, and startup ecosystems to promote entrepreneurship, intellectual property generation, and commercialization of university-developed technologies. Through Public–Private Partnerships (PPP), consultancy services, and licensing mechanisms, the University contributes to sustainable revenue generation and the scaling of innovative agricultural technologies. International collaborations further expand the global outlook of the University by facilitating joint research projects, faculty and student exchange programmes, international training initiatives, and collaborative publications. These partnerships expose faculty and students to global best practices in sustainable agriculture, climate-resilient technologies, and advanced biotechnological interventions. Overall, these multi-tier collaborations significantly strengthen the institutional ecosystem of UAS(B), enhance research productivity, improve the quality of teaching-learning processes, foster innovation and entrepreneurship, and promote effective technology dissemination, thereby contributing to regional, national, and global agricultural development.

A). College of Agriculture, GKVK

An overview of collaborations with academic institutions and industry partners from 2021–22 to 2025–26 highlights the University's sustained efforts to strengthen academic, research, and extension activities. These collaborations encompass joint research projects, student internships, faculty exchange programs, technology transfer initiatives, and industry-oriented training. The abstract of collaborations with academic institutions and industries from 2021-22 to 2025-26 is indicated below.

Sl. No.	Collaboration	No. of collaborations in the last five years					
		2021-22	2022-23	2023-24	2024-25	2025-26	Total
1.	Academic Institutions	20	08	10	05	04	**47**
2.	Industry / Private Organizations	21	19	25	30	29	**124**
3.	Others	09	12	16	08	06	**51**
Total		**50**	**39**	**51**	**43**	**39**	**222**

* Annexure-6.6.1.11a. enclosed

B) College of Agricultural Engineering, GKVK

The College of Agricultural Engineering has established functional collaborations with reputed academic institutions, research organizations, and industries to strengthen teaching, research, skill development, and technology transfer. Academic collaborations include MoUs with national universities and research institutes for joint research, faculty exchange, student internships, sharing of laboratory facilities, and co-guidance of postgraduate research. Faculty members actively participate in collaborative research projects, joint publications, and academic events such as seminars, workshops, and training programmes.

i. Current collaborations include:

- Academic collaborations with State Agricultural Universities, for joint research activities, guest lectures, student internships, hands-on training programmes, and academic visits.
- Industry collaborations with farm machinery manufacturers, food processing units, and agri-technology companies for student training, industrial visits, project work, and placement support.
- Joint organization of workshops, seminars, and skill-development programmes with academic and industry partners.

ii. Future collaboration proposals and road map

The College of Agricultural Engineering has proposed to further strengthen and expand collaborations with leading national research institutes and reputed agri-engineering and food-processing industries to enhance research output, technology development, and student employability.

iii. Road map for future collaboration:

- Identification of potential national and international academic partners in priority areas such as precision agriculture, smart farming, renewable energy, and food processing.
- Signing of new MoUs with farm machinery manufacturers, start-ups, and agri-technology industries for joint research, internships, consultancy, and technology demonstration.
- Development of joint research proposals for submission to ICAR, DST, DBT, and other funding agencies.
- Establishment of industry-supported laboratories and centres of excellence.
- Promotion of faculty and student exchange programmes and collaborative publications.

These planned initiatives will strengthen academia–industry linkage, promote innovation, and support outcome-based education in the College of Agricultural Engineering, GKVK, Bengaluru.

The abstract of collaborations with academic institutions & industries from 2021-22 to 2025-26

Sl. No.	Collaboration	No. of collaborations in the last five years	Total
2021-22	-	-	11
2022-23	SJB Institute of Technology, Kengeri, Bangalore VST Tillers Tractors Ltd, Bangalore CIPHET-SARP (School for Advanced Research in Polymers) Bird 360 Tech Labs Private Limited, Bengaluru	4	
2023-24	Hexagon Manufacturing Intelligence Pvt Ltd, Pune	2	
	Manipal Institute of Technology, Bangalore		
2024-25	Anurag Industries and Corporation, Bengaluru	4	
	Anurag Industries and Corporation, Bengaluru		
	Anurag Industries and Corporation, Bengaluru		
	Anurag Industries and Corporation, Bengaluru		
2025-26	Reva University, Bengaluru	1	

* Annexure-6.6.1.11b. enclosed

C) College of Sericulture, Chintamani

The College of Sericulture facilitates collaborative activities to strengthen academic and research initiatives. An overview of collaborations with academic institutions and industry partners from 2021–22 to 2025–26 highlights efforts in joint research, student training, internships, and knowledge exchange, contributing to enhanced learning outcomes and innovation.

The collaborative activities conducted under the RAWEP programme at the College in partnership with line departments, institutions, and rural organizations, have yielded significant outcomes in extension, farmer development, and student learning. These initiatives have enhanced farmer awareness and adoption of scientific practices across agriculture and allied sectors, improving productivity and farm management. They have also strengthened rural extension systems by fostering linkages with Gram Panchayats, SHGs, cooperatives, NGOs, and markets, improving access to schemes, credit, and inputs. For students, the programme provides hands-on field exposure through demonstrations, surveys, camps, and market visits, enhancing technical, communication, and problem-solving skills. Overall, these efforts promote integrated farming, environmental awareness, and socio-economic development, contributing to sustainable rural development

The abstract of collaborations with academic institutions & industries from 2021-22 to 2025-26

Sl. No.	Collaboration	No. of collaborations in the last five years					
		2021-22	2022-23	2023-24	2024-25	2025-26	Total
1.	Karnataka State department of Agriculture	8	8	8	8	8	**40**
2.	Karnataka Department of Horticulture	8	8	8	8	8	**40**
3.	Karnataka Department of sericulture	2	2	2	2	2	**10**
4.	Karnataka Department of veterinary & Animal husbandry	6	6	6	6	6	**30**
5.	Department of forestry	1	1	1	1	1	**05**
6.	Karnataka Health & Family welfare Department	8	8	8	8	8	**40**
7.	APMC Chintamani	1	1	1	1	1	**05**
8.	SFSCS Kurubur, Chintamani	1	1	1	1	1	**05**
9.	Milk chilling centre, Chintamani	1	1	1	1	1	**05**
10.	KVK Chintamani	1	1	1	1	1	**05**
11.	Mango post-harvest handling centre	2	2	2	2	2	**10**
12.	Grama panchayats	8	8	8	8	8	**40**

13.	Cooperative societies	6	6	6	6	6	**30**
14.	Self Help Groups	5	5	5	5	5	**25**
15.	NGO's	5	5	5	5	5	**25**

* Annexure-6.6.1.11c. enclosed

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6.6.2. Academic support

6.6.2.1. Academic Council

As per the Statutes of the University, the Academic Council is the highest decision-making body for the academics. The Academic Council shall advise the Vice-Chancellor on all academic matters as requested by the Vice-Chancellor and / or as deemed appropriate by the Academic Council. All recommendations of the Academic Council, prior to implementation, shall be subject to the approval of the Vice-Chancellor.

Composition of Academic Council

- Academic Council shall consist of the following members, namely:
  - i. The Vice-Chancellor – Chairperson;
  - ii. The Directors of Research, and Extension, Education;
  - iii. Deans of constituent colleges;
  - iv. Two University Heads of the Department nominated by the Vice-Chancellor on rotational basis;
  - v. One Teacher not below the rank of a professor from each faculty to be nominated by the Vice-Chancellor on rotational basis;
  - vi. One eminent Agricultural Educationist from outside the University to be nominated by the Vice-Chancellor;
  - vii. Registrar;
  - viii. The Director of Agriculture, Government of Karnataka as the case may be;
  - ix. One representative of affiliated colleges not below the rank of Professor nominated by the Vice-Chancellor;
  - x. The Director of Education – Member–Secretary.
- Academic Council shall co-opt, as members not more than two persons for such period and in such manner as may be prescribed so as to secure adequate representation of different sectors of Agriculture and allied fields.
- All Members of the Academic Council, other than the ex-officio members shall hold office for a term of two years and they shall not be eligible for re-nomination to any of the authorities of the University.
- One third of the members of the Academic Council shall form quorum at a meeting of the Academic Council.
- Provided that if a meeting of the Academic Council is adjourned for want of quorum, no quorum shall be necessary at the adjourned meeting for transaction of the same business.
- Ordinarily the Academic Council shall meet at least once in every three months on such date as may be fixed by the Vice-Chancellor. However, special meeting of the Academic Council may be called by the Vice-Chancellor.

Date of Academic Council Meetings held in last five years along with ATRs

Sl. No.	Particulars	Date
1.	192nd Academic Council meeting	12/08/2021
2.	193rd Academic Council meeting	07/02/2022
3.	194th Academic Council meeting	02/08/2022

4.	195th Academic Council meeting	28/03/2023
5.	196th Academic Council meeting	03/02/2024
6.	197th Academic Council meeting	13/02/2024
7.	198th Academic Council meeting	03/07/2024
8.	199th Academic Council meeting	27/08/2024
9.	200th Academic Council meeting	09/10/2024
10.	201st Academic Council meeting	26/04/2025
11.	202nd Academic Council meeting	16/12/2025
12.	203rd Academic Council meeting	04/03/2026

The year wise composition of Academic Council and details of Academic Council meetings held during the reporting period are presented in Annexure - 6.6.2.1 and ATR's of Academic Counil meeting Annexure - 6.6.2.1a respectively.

Powers and functions of the Academic Council

1. The Academic Council shall subject to the provisions of this Act and the Statutes have power, to make regulations for specifying all courses of Study and determining curricula, and shall have general control on teaching and other educational programmes within the University, and shall be responsible for the maintenance of standards thereof.
2. The Academic Council shall have power to make regulations consistent with this Act and the Statutes relating to all academic matters subject to its control and to amend or repeal such regulations.
3. Without prejudice to the generality of the provisions of Sub-section (1) the Academic Council shall exercise the following powers and function, namely:

(i) To advise the Board and Vice-Chancellor on all academic matters including the control and management of libraries;

(ii) To make recommendations for the institution of Professorships, Associate Professorships, Assistant Professorships and other posts including posts in research and extension education and in regard to the duties thereof;

(iii) To make recommendations for the establishment/amalgamation/abolition of faculty, college, departments of teaching, research and extension education;

(iv) To make regulation regarding admission of students to the University and determine the number of students to be admitted;

(v) To make regulations relating to courses of study leading to degrees, diplomas and certificate courses;

(vi) To make regulations relating to the conduct of examinations and to maintain and improve - standard of education;

(vii) To make recommendations to the Board regarding conferment of honorary degree;
To make recommendations regarding the qualifications to be prescribed for teachers and service personnel in the University;

(viii) To onsider and approve Memorandum of Understanding and Memorandum of Agreement with educational, research, corporate and other institutions;

(ix) To exercise such other powers and perform such other functions as may be conferred or imposed on it under the provisions of this Act, by the Board or the Vice-Chancellor.

6.6.2.2. Innovation and Best Practices

The University has adopted various educational innovations in furthering the interest of students, institution and internal quality assurance. The details are furnished below:

Innovation and Best Practices followed by the University

Sl. No.	Innovation Type	Innovative Efforts / Best Practices
1.	**Furthering the interest of the student**	▪ **ICT-Enabled Blended Learning:** Deployment of 17 lecture halls at GKVK and 4 at CoS Chintamani equipped with AV systems, LCD projectors, and interactive smart boards to enhance engagement. ▪ **Competitive Exam Coaching:** Conduct of interactive coaching classes by experts for GATE, JRF, and Civil Services to improve student success in national-level examinations. ▪ **Hands-on Training:** Specialized laboratories for Food Processing, Mushroom cultivation, and Tissue culture etc. provide "Student READY" program support. ▪ **Cross learning programme (CLP) for UG students:** The CLP at UAS Bangalore enables UG students to visit various campuses, exposing them to diverse agro-climatic conditions, cropping patterns, and agri-business activities. This initiative enhances the learning experience through direct interaction with different faculty, peer groups, and unique laboratory or field demonstrations. ▪ **Finishing School Programme (FSP) for UG students:** FSP at UAS Bangalore is an intensive, short-term training module designed to bridge the gap between academic knowledge and industry requirements by way of polishing the "employability" of graduating students. ▪ **PG science-week for PG students:** The PG Science Week at UAS Bangalore is a pioneering "science festival" that allows PG and PhD scholars to present research within broad, cross-disciplinary themes. This collaborative environment has directly boosted research quality, evidenced by an increase in high-impact publications and the mandatory adoption of the program across all Karnataka farm universities. Additionally, it serves as an innovation hub where the BioNest Agri-Innovation Centre provides ₹25,000 incentives to top student teams for prototype development and startup validation.

		▪ **Student Support & Mentorship:** Implementation of a dedicated counselor system where faculty mentors monitor and guide students' academic and co-curricular progress throughout the degree program. Recognition of academic excellence through competitive merit scholarships for top performers. ▪ **Global Exposure & Research Collaborations:** Strategic partnerships and student exchange programs with premier international institutions such as ETH Zurich, Wageningen University, and Western Sydney University, fostering global perspectives in agricultural sciences. Exposure to world-class facilities like the Noble Research Institute and the Functional Genomics Center Zurich. ▪ **Experiential Learning & Field Exposure:** Periodic field visits and industrial exposure trips provide hands-on experience in various facets of agriculture and allied sectors, bridging the gap between theory and practice. ▪ **Earn While You Learn Internship:** Every week two PG students are given an opportunity to work at the University Library on rotation basis from 9:00p.m. to 12:00 midnight, and a remuneration of Rs. 250/- per day is paid for the student for a period of five days a week.
	Furthering the interest of the faculty	▪ University confers prestigious awards to recognize significant contributions to agricultural research and farmer welfare like **Nagamma Dattatreya Rao Desai Prize, Dr. Kalayya Krishnamurthy National Award, Divya Chethana Shri S. M. Krishna Krishi Vignana Award (2024–25 onwards), Dr. M. H. Marigowda Endowment Award** etc. ▪ Incentives for Externally Funded Research Projects like ICAR, DST, DBT, ISRO, FAO, IRRI, ICRISAT etc. ▪ Incentives through revolving fund activities for promoting entrepreneurial research through a revolving fund mechanism by providing seed money for income-generating activities such as nurseries, vermicomposting, dairy units, seed production, Biofertilizers etc. ▪ **Financial assistance** to faculty members for research papers published in **high NAAS rated journals**.
2.	**Furthering the interest of the institution**	▪ **International Academic Linkages**: Strengthening global prestige through academic collaborations with Harvard University (USA) and the University of Kassel (Germany).

		▪ **Resource Generation**: Substantial internal revenue generation through technical services, such as the Farm Machinery Testing Centre (FMTC) which generated ~Rs. 2.69 Crores. ▪ **Sustainable Infrastructure**: Establishment of a 100 kW on-grid solar power plant under RKVY to demonstrate green energy initiatives. ▪ **Pedagogical Innovations:** Utilization of interactive teaching modules and diverse instructional aids to address complex learning challenges and improve student engagement. Integration of digital displays and ICT tools to streamline the flow of academic and administrative information for both faculty and students. ▪ **Academic Advancement & Coaching:** Implementation of specialized, annual coaching modules for ICAR-JRF and SRF examinations, ensuring high success rates in postgraduate and doctoral admissions. ▪ **Co-Curricular Excellence:** Promotion of active student participation in sports and cultural events at National and International forums, fostering leadership, teamwork, and institutional pride.
3.	**Internal quality assurance**	▪ **Monitoring Systems**: Implementation of a comprehensive CCTV surveillance system to monitor student activity in classrooms, labs, and libraries. ▪ **Academic Oversight**: Periodic inspection of assignments, practical records, and project reports by Heads of Departments and course coordinators to ensure syllabus uniformity. ▪ **Quality Assurance & Governance:** Implementation of a rigorous internal assessment framework where Heads of Departments (HoDs) conduct periodic reviews during staff meetings to ensure academic standards. Systematic planning and execution of course delivery schedules to ensure optimal syllabus coverage and academic discipline. ▪ **Digital Transformation in Evaluation:** Integration of the **'UGAM' online tool** for the digitized evaluation of answer scripts, significantly reducing processing time and ensuring the timely declaration of results. ▪ **Faculty Resource Development:** Institutional policy of deputing faculty members for short-term and medium-term training programs to update pedagogical skills and subject-matter expertise in line with global advancements.
4.	**Inclusive practices**	▪ **Holistic Amenities:** Providing separate, modern hostel facilities for boys and girls equipped with solar water heaters, gymnasiums, and indoor sports facilities to ensure a supportive living environment. ▪ **Equitable Access:** Ensuring 24/7 campus-wide internet and Wi-Fi connectivity (300 Mbps) across all departments and computer labs for all students.

		▪ **Integrated Curricular Delivery:** Strategic integration of theoretical concepts with concurrent practical applications to ensure a comprehensive understanding of agricultural sciences. ▪ **Experiential & Field-Based Pedagogy:** Structured exposure visits to KVKs (Krishi Vigyan Kendras), research stations, and progressive farmers' fields to bridge the gap between lab research and land application. Establishment of dedicated Experiential Learning Units (ELUs) units that provide students with hands-on professional experience in commercial agricultural operations.
5.	**Stakeholder relationships**	▪ **Industry-Academic Interface**: Active research and internship collaborations with firms like Crop Solutions Pvt. Ltd., Asian Agro Industries, and Noble Seeds Pvt. Ltd. ▪ **Farmer & Entrepreneur Support**: Functioning of the Agri Innovation Centre (AIC) to foster entrepreneurship and organizing regular capacity-building programs for FPOs and SHGs. ▪ **Career Services & Placement:** Operationalization of a dedicated Placement Cell that serves as a bridge between students and the corporate/agri-industry, facilitating recruitment drives and career counseling. Organization of interactive sessions with distinguished high-achievers and industry leaders to inspire students and provide insights into evolving market trends. ▪ **Institutional Networking & Alumni:** Conducting regular Alumni Interaction Meets to leverage the expertise and networks of former students for mentorship, internships, and institutional development.

6.6.2.3. Library

About University Library, GKVK

University Library was established during 1966-67 which is the oldest and biggest University library in the field of Agricultural Sciences in Karnataka. The total library building area is 42,050 sq. ft., comprising five floors, 10 rooms, and 42 research cubicles, with lift facility available on all floors. A fire extinguisher and alarm system is installed for the whole library building. A separate server room is maintained, and a dedicated computer section with Wi-Fi facilities is available across the entire library. Apart from the basic facility, a separate zones like Skill Development Centre for competitive examination, Senior citizens zone, Divyangjan zone and Wi-Fi zones have been created.

Library has 2 lakh documents out of which, Books, Journals, University publications, rare books, Thesis/dissertations, Reports, Pamphlets, etc are available. University Library is a member of Online Computer Library Centre (OCLC WorldCat). The Library is completely automated with Koha Open Source Software package and integrated with RFID Technology. The University Library has created Video Conference Facility for conducting online meetings, seminars, classes for the students and faculty including Constituent colleges of UASB. Library is also offering CMC 501 1(0+1), a common course on 'Library and Information Service' for Master's Degree Students as per the

Guidelines of ICAR. UAS (B), Library, GKVK campus, Bengaluru is accessible for College of Agriculture, GKVK, Bangalore and College of Agricultural Engineering, GKVK, Bangalore. University Library is reaching 24/7 all over the Globe through its website www.uasbagrilibindia.org/, https://www.uasbangalore.edu.in/en/library-bengaluru/

Location of the library: UAS (B), GKVK campus, Bengaluru.



UAS (B), Library, GKVK campus, Bengaluru.

Library at College of Sericulture, Chintamani

The college library at Chintamani Campus was established in the year 1995. It is located conveniently close to main building of the college. The Library is one of the most important information centres of the college, which supports Teaching, Research and Extension programmes of both faculty and students extensively. Apart from textbooks and recommended reading materials prescribed for each course periodicals, theses, reports, maps, subject CD and encyclopaedia relevant to the mandated areas of the degree programmes have been stacked in the College Library. Every year new collections in the form of books and CDs in the respective fields are added to the library. The library facilitates access to electronic journals through its participation in One Nation One Subscription (ONOS). The library also subscribes several e-journals directly from publishers as well as through reputed subscription agencies. The library resources can be accessed through https://uasbangalore.edu.in/index.php/library-en/at-college-of-sericulture-chintamani-en



College Library, College of Sericulture, Chintamani

Library at College of Agriculture, Mandya

Strategically positioned near the main campus hub, the library offers convenient access for hostel residents and researchers at the KVK and Zonal Agricultural Research Station alike. It functions as a high-tech information center, blending traditional book lending and specialized book banks for SC/ST students with modern digital services, including CD-ROM access, internet resources, and current awareness updates. Beyond providing a vast collection of competitive exam materials and past paper banks, the library actively empowers its users through hands-on training in navigating electronic resources. This robust support system has proven vital to the academic success of the campus community, directly contributing to many students securing elite ranks in national examinations such as the ICAR-JRF, ICAR-SRF, and CSIR-SRF.



College Library, College of Agriculture, Mandya

Library at College of Agriculture, Hassan

Boasting a collection of nearly 22,000 books and journals, the library at the College of Agriculture, Hassan, serves as a vital academic hub for students and faculty across the Agriculture, Food Technology, and Biotechnology programs. Strategically located next to the auditorium, this multi-functional center supports teaching, research, and extension activities through a diverse repository that includes everything from international handbooks and encyclopedias to leisure reading in both English and Kannada. To ensure an optimal study environment, the facility features a 250-seat capacity, specialized honeycomb cubicles for belongings, and solar lighting to guarantee uninterrupted learning during power outages.

The library's digital infrastructure is equally robust, providing high-speed internet and exclusive access to over 1,700 full-text e-journals through the CeRA and NAIP-ICAR consortia. Beyond standard curriculum needs, the library actively fosters career growth by staying open past office hours and offering dedicated resources for competitive exams, including civil services and banking. With additional amenities like a digital archive, RO drinking water, and offline e-book access, the library functions as a comprehensive resource center that significantly strengthens the institution's overall learning and research ecosystem.



College Library, College of Agriculture, Hassan

Details of library space for stocking

Sl. No.	Type	Space in (sq.ft)			
		University Library, GKVK	CoS, Chintamani	CoA, Hassan	CoA, Mandya
1.	Stacking of Books	8500	640	478.5	1360
2.	Stocking of Periodicals	12276	270	14	360
3.	Reading Area	6000	1000	40	2355
4.	Internet / Browsing Area	1200	150	30	909
5.	Reprography	150	100	-	15
6.	Issue Counter	100	110	20	285
7.	Newspaper / Magazine area	2000	200	18	185
8.	Thesis Area	1000	100	10	204
9.	Reports Area	151	129	10	-
10.	Any other				
	a) Store Room	383	-	20	159
	b) Binding Section	400	-	18	-
	c) Virtual Class Room	1500	-	10	-
	d) Text book lending section	2000	270	20	169
	e) Librarian Chamber	500	270	14	-
	f) Research Cubicles	2000	-	-	-
	g) Office room	800	-	-	-
	Total area	**38,960**	**3,239**	**720.50**	**6,001**

Present library staff position (in place) at different campuses of UAS Bangalore

Sl. No.	Cadre / Designation	University Library, GKVK			Library CoS, Chintamani			Library CoA, Hassan			Library CoA, Mandya		
		S	F	V	S	F	V	S	F	V	S	F	V
1.	University Librarian	1	1	-	-	-	-	1	-	1	-	-	-
2.	Documentalist	1	1	-	-	-	-	-	-	-	-	-	-
3.	Assistant Librarian	5	4	1	1	1	-	-	-	-	1	1	-
4.	Reprographic Assistant	-	-	-	-	-	-	-	-	-	-	-	-
5.	Sr. Typist	1	-	1	1	1	-	-	-	-	-	-	-
6.	Processing Assistant	1	1	-	-	-	-	-	-	-	-	-	-
7.	Assistant	4	4	-	-	-	-	-	-	-	-	-	-
8.	Typist cum Computer Operator	1	1	-	-	-	-	-	-	-	-	-	-
9.	Shelf Assistant	5	5	-	1	1	-	-	-	-	-	-	-
10.	Jr. Compositor	1	-	1	-	-	-	-	-	-	-	-	-
11.	Assistant Binder	1	-	1	-	-	-	-	-	-	-	-	-
12.	Attender	7	3	4	-	-	-	-	-	-	-	-	-
13.	Press Helper	1	-	1	-	-	-	-	-	-	-	-	-
14.	Messenger	2	2	-	2	2	-	-	-	-	1	1	-
	Total	**31**	**22**	**9**	**5**	**5**	-	**1**	**-**	**1**	**2**	**2**	

Note: S-Sanctioned, F-Filled, V-Vacant

Library committee meetings

The Library Sub-committee meets on the need-based issues under the Chairmanship of Dean (Post Graduate Studies) at GKVK and Dean's at other constituent colleges. Library Sub-Committee reviews and recommends for procurement of new books and subscription of new Journals.

Abstract of University Library committee meetings held in last five years

Sl. No.	Year	Date
1.	2021-22	01.02.2021
		15.03.2021
		27.07.2021
		17.12.2021
2.	2022-23	26.09.2022
3.	2023-24	19.05.2023
		06.12.2023
4.	2024-25	21.09.2024
5.	2025-26	13.06.2025
		05.08.2025

The Library Committee composition and action taken are furnished in the Annexure - 6.6.2.3.

Availability of Profile of Books and other reading materials

Sl. No.	Type of Books /Reading Materials	University Library, GKVK (No s)	Library COS, Chintamani (No s)	Library COS, Hassan (No s)	Library COS, Mandya (No s)
1.	Books (including Back Volumes)	130861	12213	20,752	24
2.	SDC Books	3711	1129	-	-
3.	SC & ST Book Bank Books	3569	652	-	-
4.	e-Books	577	20	35	-
5.	Gift Books	14458	2022	950	1125
6.	Pamphlets	8903	1226	-	135
7.	Thesis	14084	90	-	423
8.	Reports	18016	241	291	2325
9.	Microfilms	04	-	-	-
10	Microfiche	53	-	-	-
11	Maps	60	-	189	25
12	CD ROM's/ DVD's/CDs	371	167	368	503
	Total	**1,94,667**	**17,760**	**22,585**	**4,560**

Library Facilities in the University

Sl. No.	Particulars	University Library, GKVK	Library CoS, Chintamani	Library COS, Hassan	Library COS, Mandya
1.	Computers (No's)	33	06	27	24
2.	Seating Capacity for reading (No's)	550	60	227	150
3.	Seating Capacity of e-learning with gadgets (No's)	550	05	23	50
4.	Reference Service	Library Professionals are pleased to help the users in locating and disseminating information from	Library staffs are pleased to help the users in locating and accessing information from our collections.	-	-

Sl. No.	Particulars	University Library, GKVK	Library CoS, Chintamani	Library COS, Hassan	Library COS, Mandya
		the available sources in the Library			
5.	Reprographic Service	Xerox / Photocopying service is made available in the Library at a nominal cost	Photocopying and Printing facilities are available to the library users at nominal charges.	-	-
6.	Inter Library loan	Publications that are not available in the Library and are requested by users can be obtained on loan from other Institutes, likewise publication will also be lent out on a reciprocal basis to other Institutes	-	-	-
7.	User Education	As a part of the dissemination of information the Library professionals are pleased to explain in detail the varieties of information sources available in the library	Library staffs are always available to provide orientations on the diverse range of print and digital resources held in our collection.	-	-
8.	Cubicles Room	University library provides 40 no. 10x10 cubicle rooms for PG and Research Scholars for reading.	-	-	-
9.	Elevator	Library has elevator facility for users to freely access the resources	-	-	-

Sl. No.	Particulars	University Library, GKVK	Library CoS, Chintamani	Library COS, Hassan	Library COS, Mandya
10.	Video Conference Hall	Library has a video conference hall with the seating capacity of 80 members, it is used for CMC 501 library course and other programs	-	-	-
11.	Fire Extinguisher alarm	Library has installed fire extinguisher alarm in all the floors of the library	-	1	1
12.	Senior citizen zone	Library has a separate space for senior citizen zone with 10 seating capacity	-	-	-
13.	Divyangjan zone	Library provides a separate zone for divyangjan students with comfortable chairs	-	-	-
14.	CCTV Security	The Library has been equipped with CCTV for effective monitoring of each sections & movement of the users & security reasons.	A surveillance system with CCTV network had been installed at the Library to enhance and tighten the security system.	Equipped with CCTV	Equipped with CCTV
15.	Coffee/ Tea Vending Machine	For Refreshment of Library users.	-	-	-
16.	Other activities	Library is also providing other activities such as playing Chess.	-	-	-

Facilities at the Library





Facilities for Divyangjan (Physically challenged)





Recreation area (Chess)

Senior Citizen Zone





New arrival corner

Circulation Counter



Video Library cum Virtual Class Room



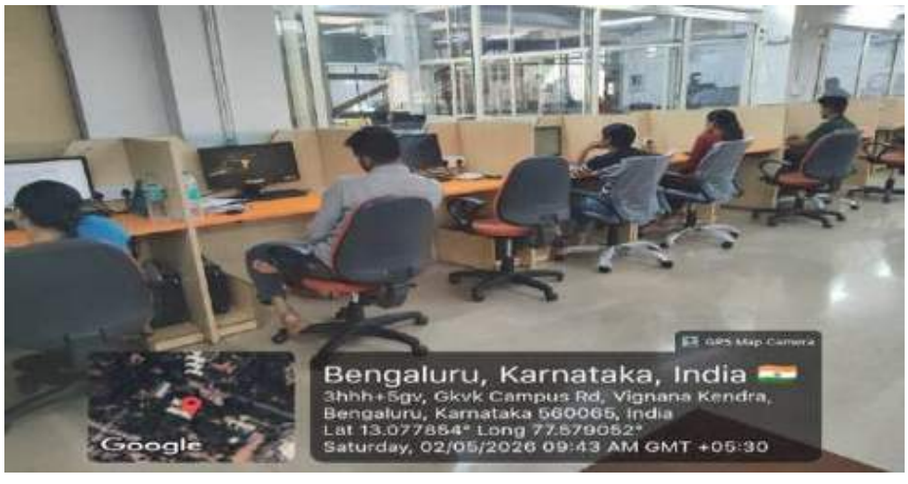
Course offered in virtual classroom CMC course 501 1(0+1) on 'Library and Information Service' for M.Sc. (Agri.)



Server Room in order to store and access the data of RFID, Koha and other software



Fire Extinguisher (smoke and fire alarm) in order to avoid untoward incidents



Hands on training class of Library course

Details on collection of volumes on different subjects

Sl. No.	Subjects	University Library, GKVK (No's)	Library CoS, Chintamani (No's)	Library CoA, Hassan (No's)	Library CoA, Mandya (No's)
1	Agricultural Marketing	4253	115	-	9698
2	Agricultural Engineering	13334	328	-	
3	Agricultural Extension	1843	625	1,107	
4	Apiculture	594	70	-	
5	Agronomy	17023	1800	3,424	
6	Animal Science	5277	90	435	
7	Crop Physiology	7885	430	485	
8	Food Science & Nutrition	7645	180	1,607	
9	Forestry & Environmental Sciences	4384	280	572	
10	Genetics & Plant Breeding	746	750	1,060	
11	Horticulture	4409	850	2,222	
12	Seed Science & Technology	1445	250	-	
13	Sericulture	1213	2450	-	
14	Soil Science & Agril. Chemistry	9757	1200	1,102	
15	Philosophy and Psychology, Agricultural Statistics, Applied Mathematics	384	674	231	675
16	Computer Science, General Studies	1694	1,806	60	1952
17	Religion	1144	-	-	
18	Social Science, Economics, Public administration, Social problems, Commerce, Education	30607	1,369	1,063	1426
19	Language	886	10	967	253
20	Plant biotechnology	8913	550	914	3857
21	Plant Pathology	968	1025	2,149	
22	Agricultural Entomology	4750	1250	866	
23	Mathematics, Allied Sciences, Physics, Chemistry, Earth Science, Botany	49069	889	-	
24	Arts	1029	50	-	
25	Literature, Literature in English	4469	191	1,053	
26	History, Biography, Geography	3681	100	-	
27	Any other	-	-	1,310	150
	Total	**1,87,402**	**17,332**	**23,461**	**18,011**

Details on Subscription in the Fields of Relevant Subjects year wise (2021-22 to 2025-26)

Sl. No.	Relevant Subject	Books					Pamphlets					Gift books					Thesis				
		21-22	22-23	23-24	24-25	25-26	21-22	22-23	23-24	24-25	25-26	21-22	22-23	23-24	24-25	25-26	21-22	22-23	23-24	24-25	25-26
1.	Department of Agricultural Economics	111	13	87	33	70	-	1	-	-	-	2	12	26	-	1	10	31	21	17	18
2.	Institute of Agri-Business Management	58	04	19	25	53	-	-	-	2	-	3	9	15	-	4	29	35	44	54	14
3.	Department of Agronomy	191	31	66	109	56	-	1	-	-	-	5	12	13	2	4	25	31	27	25	26
4.	Dept. of Agri. Meteorology																-	-	01	01	05
5.	Department of Kannada	208	20	128	-	18	12	33	6	8	1	84	38	55	21	7	-	-	-	-	-
6.	Dept. of Agricultural Engineering	288	50	176	23	70	1	-	-	-	-	-	4	10	-	-	11	16	13	19	8
7.	Dept. of Agricultural Entomology	226	12	59	14	32	-	-	-	-	-	5	4	-	-	-	18	32	29	17	13
8.	Dept. of Agricultural Extension	188	11	46	18	45	6	-	-	-	-	6	23	8	1	4	14	27	20	11	24
9.	Dept. of Agricultural Microbiology	41	14	14	6	3	-	-	-	-	-	-	-	9	5	-	16	26	24	14	15
10.	Dept. of Animal Science	14	07	-	2	5	-	1	-	-	-	-	2	8	-	-	-	-	-	-	-
11.	Dept. of Apiculture	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	03	5	04	03	-
12.	Dept. of Crop Physiology	35	28	39	22	17	-	-	-	-	-	4	6	12	1	23	10	24	15	6	03
13.	Dept. of Distance Education	-	-	-	-	-	-	2	-	-	-	3	9	1	-	1	-	-	-	-	-
14.	Dept. of Food Science & Nutrition	61	38	44	7	72	-	1	-	-	-	-	4	-	2	11	12	17	27	13	08
15.	Dept. of Genetics & Plant Breeding	46	26	38	42	26	-	1	-	-	-	-	7	3	1	-	23	30	29	25	23
16.	Dept. of Plant biotechnology	96	28	76	15	24	-	-	-	-	-	-	-	4	-	-	22	41	37	30	19
17.	Dept. of Plant Pathology	51	11	41	32	35	-	-	2	2	-	8	2	2	2	-	25	23	21	23	24
18.	Dept. of Seed Science & Technology	105	43	9	47	54	-	2	-	2	-	1	-	-	-	1	14	28	19	18	19
19.	Dept. of Sericulture	-	11	17	28	9	-	-	-	-	-	-	-	-	-	-	12	9	14	13	07
20.	Dept. of Soil Science & Agril. Chemistry	25	30	56	22	67	-	-	-	-	-	2	-	1	1	-	19	29	24	23	15
21.	Dept. of Agricultural Stats. App. Mathematics & Comp. Sci.	118	17	33	6	33	-	-	-	-	-	-	1	10	-	8	12	12	12	11	-
22.	Dept. of Forestry & Environmental Sciences	146	20	32	40	20	-	1	1	-	-	-	2	4	-	-	11	9	13	8	03
23.	Dept. of Horticulture	61	20	16	19	53	1	1	-	-	-	1	1	-	1	3	15	21	18	13	08
24.	Others Books	416	43	186	2	115	7	1			1	26	54	46	22	52	-	-	-	-	-
	Total Publications (No.)	**2485**	**477**	**1182**	**512**	**880**	**27**	**45**	**9**	**14**	**2**	**150**	**190**	**227**	**59**	**119**	**301**	**446**	**412**	**344**	**252**

Details of Wi-Fi facility in the library

Wi-Fi facility is made available in the different sections of the University library since 2009 which is provided by National Knowledge Network (NKN), Govt. of India and managed by Agricultural Knowledge Management Unit (AKMU). This facility is connected by two "Aruba" Wi-Fi instruments to the computer section. The benefit of these instruments is accessible to 50 computers and a separate D-Link Wi-Fi instrument is also made available in First floor to the Room number 04 and 05 and it can be accessible to 25 computers. Further library also has "Library" Wi-Fi instrument is accessible in the Reference Section which covers the entire ground floor connects about 50 computers at a time. In Chintamani Campus library, computers with modern workstation and Wi-Fi facility with strength up to 10mbps is functioning and utilised by staff and students to access various online learning resources.

Details of library management system

A Library Management System is a software built to handle the primary housekeeping functions of a Library. It also involves maintaining the database for entering new books, recording borrowing with their respective due dates. All the libraries in the University had been automated using Koha Integrated Library Management Software (LMS).

State-of-the-Art Software/ Programme

Koha Library Management System Linked with Constituent Colleges

Koha is the library automation software, used in library. Koha has all the modules with fully-functional library software – acquisition, serials, members, circulation, cataloguing, reports, and tools.



RFID Technology - Radio Frequency Identification Device

RFID enabled library management system is easy and convenient. It consists of books attached with an RFID tag, RFID reader, computer network and software. Library staff handle lending, returning, sorting, tagging etc. of books, using RFID tags in the library system.



RFID Tagging using Work station



GUI Integrated with Koha



Cross verification using Handled reader



Inventory & Identification





RFID technology based self check-in & self check-out service KIOSK.



3D Pedestal RFID Security Gate

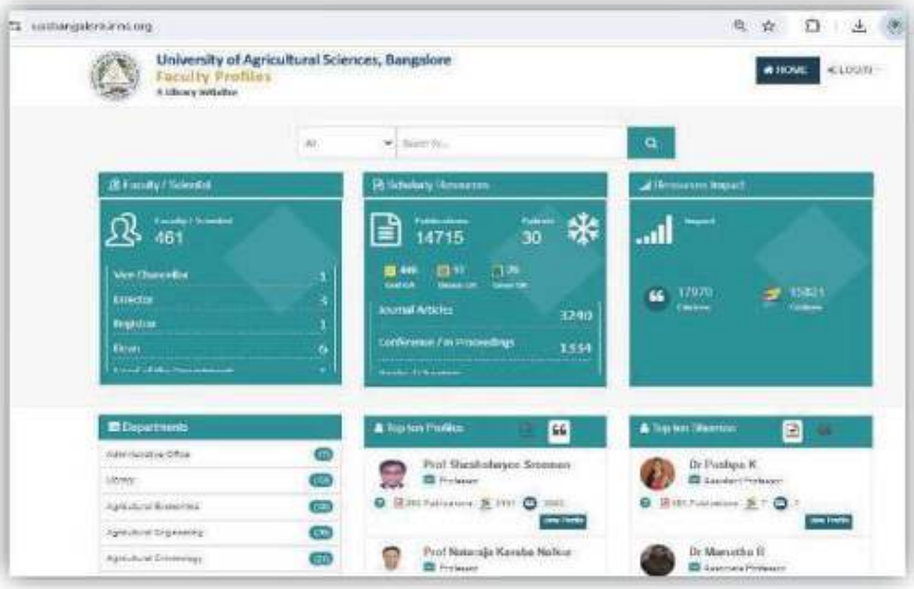
- **Institutional Repository DSpace**

DSpace is an open source repository application that allows library to capture, store, index, preserve and distribute the digital material including text, word and pdf to the users of UASB in the field of Agriculture and allied science.



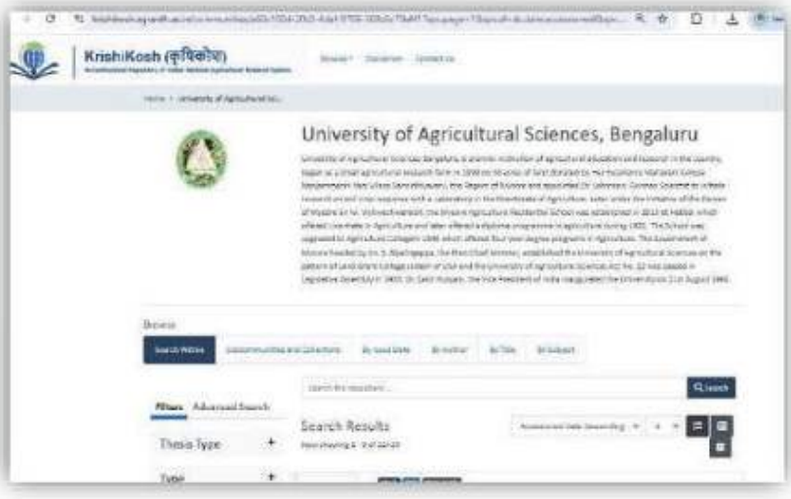
- **Implementation of Vidwan faculty profile database**

IRINS: Indian Research Information Network System, IRINS is a web-based Research Information Management (RIM) service developed by the Information and Library Network (INFLIBNET) Centre. The portal facilitates the academic, R&D organisations and faculty members, scientists to collect, curate and showcase the scholarly communication activities and provide an opportunity to create the scholarly network.

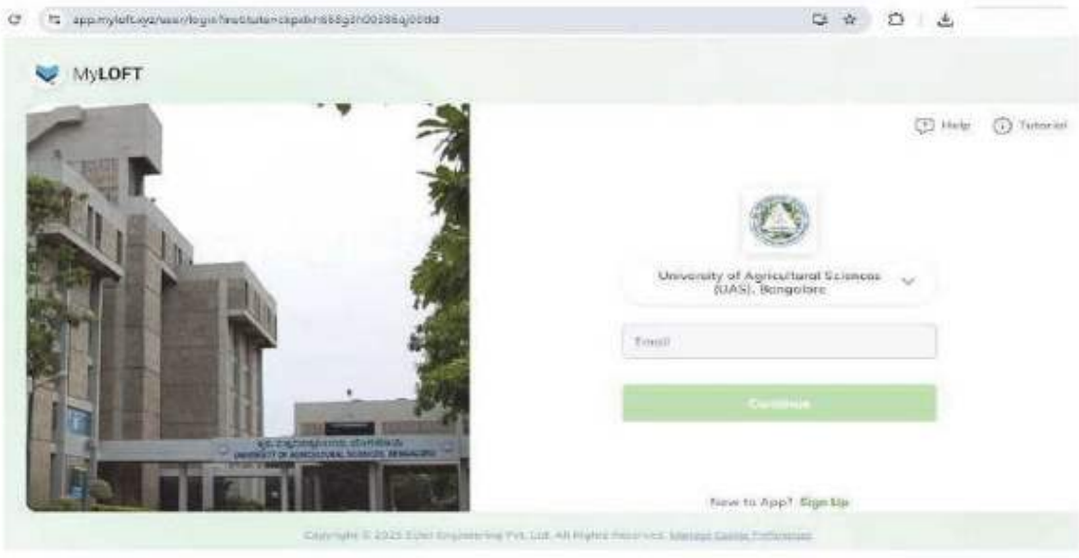


- **Krishikosh**

KrishiKosh is the Institutional Repository of National Agricultural Education and Research System (NARES) of India. This project was envisaged under National Agricultural Innovation Project (NAIP) of Indian Council of Agricultural Research (ICAR), New Delhi. Currently KrishiKosh is housing about 65,200 records of articles, books, journals, institutional publications, conference proceedings, reports, theses and dissertations, etc., University library has uploaded 14,510 theses to Krishikosh - https://krishikosh.egranth.ac.in/



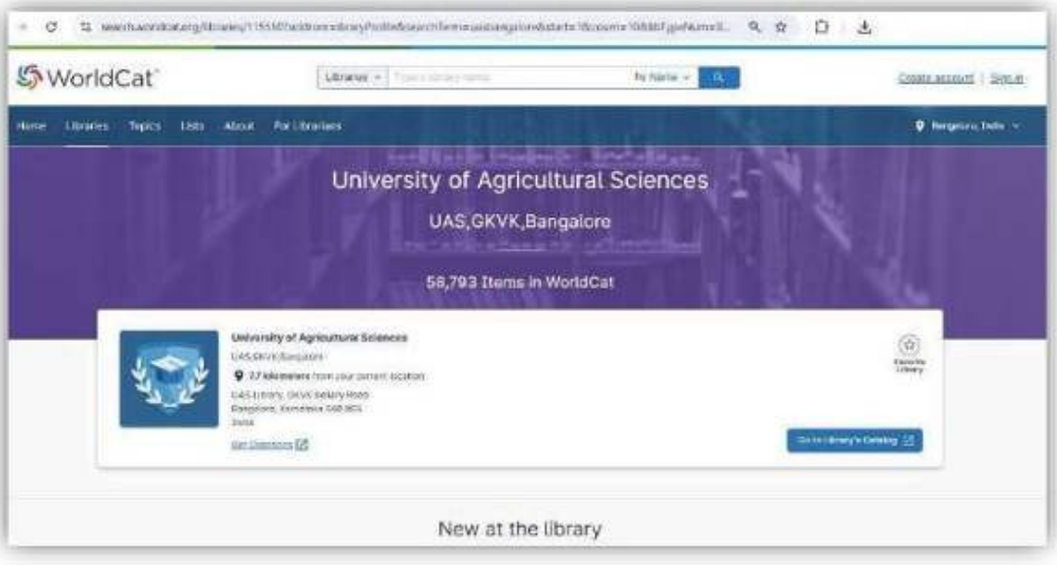
- **MyLOFT remote access**



My Library on Finger Tips: MyLOFT is a remote access used by UASB Library to give access from outside the library's computer network to restricted-access websites that authenticate users by IP address. This allows UASB Library patrons at home or elsewhere to log in with their user name and password and gain access to resources to which their UASB Library subscribes from both the computer and Mobile App. We provide access to e-Resources to users when and where they need it, extend our services beyond the library hours, save the library users travel time, and provide new services to users who may need access from across town or around the world.

- **OCLC WorldCat**

University is a member of **Online Computer Library Centre** (OCLC) WorldCat which is a non-profit membership organization that promotes cooperation among libraries worldwide. More than 10,000 libraries in 123 countries use OCLC services to locate, acquire, catalogue, lend and preserve print and electronic library materials.



Shodhganga

The Shodhganga@INFLIBNET Centre provides a platform for research students to deposit their Ph.D. theses and make it available to the entire scholarly community in open access. University library has uploaded 557 theses.

Shodhganga Link: https://shodhganga.inflibnet.ac.in/

University Home Page: https://shodhganga.inflibnet.ac.in/handle/10603/437164

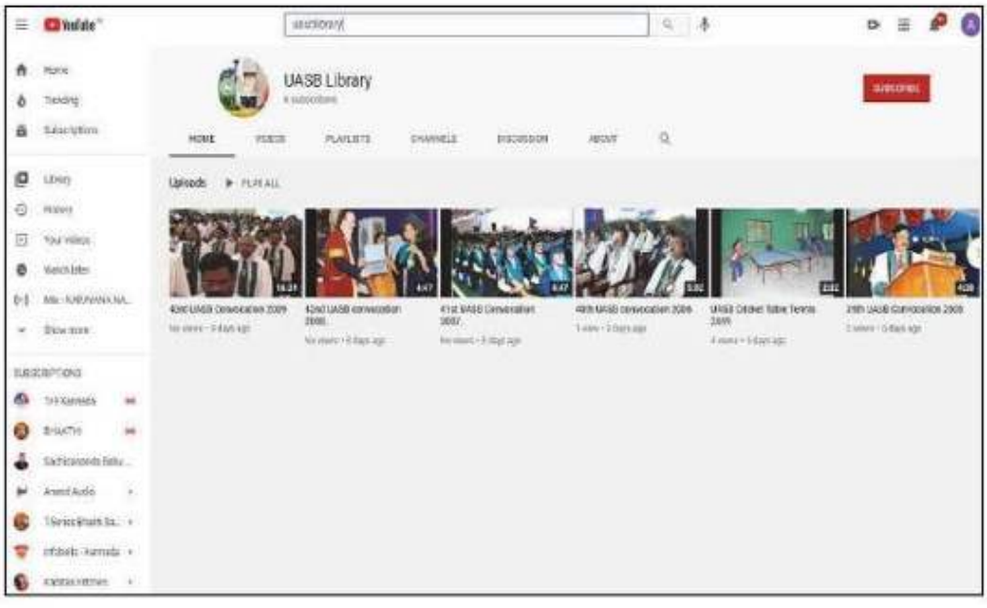


- **News Paper Clipping Service**

  Library started a new service called Newspaper clippings in the year 2019 which compile all the agricultural information and send through mail.



- **UAS Library Social Media Link**
  - **YouTube – Link https://www.youtube.com/channel/UCohYSpBji4PNtKaeBirnSVQ**



Details of e-Books, Periodicals and Reports for the period 2021-22 to 2025-26

Sl. No.	Particulars	2021-22	2022-23	2023-24	2024-25	2025-26	Total
1.	e-Books	13	126	-	-	68	207
2.	Periodicals	73	65	40	31	30	336
3.	Magazines	16	17	15	17	24	89
4.	Reports	200	494	62	61	17	834
	Total	**302**	**702**	**117**	**109**	**139**	**1466**

Subscription status of Research Journals

Details of periodicals subscribed in University Library during the year 2021-22 to 2025-26

Details of periodicals subscribed in the University During the year 2021-2026						
Sl. No.	**Journals**	**2021-22**	**2022-23**	**2023-24**	**2024-25**	**2025-26**
1.	Foreign	01	01	-	-	-
2.	Indian	08	02	-	-	-
3.	***Online (CeRA /ONOS)**	4000+	4000+	2939	4684	13000+
	Total	**4009+**	**4003+**	**2939**	**4684**	**13000+**

*Number of journals subscribed through Consortium for e-Resources in Agriculture (CeRA) and One Nation One Subscription (ONOS)

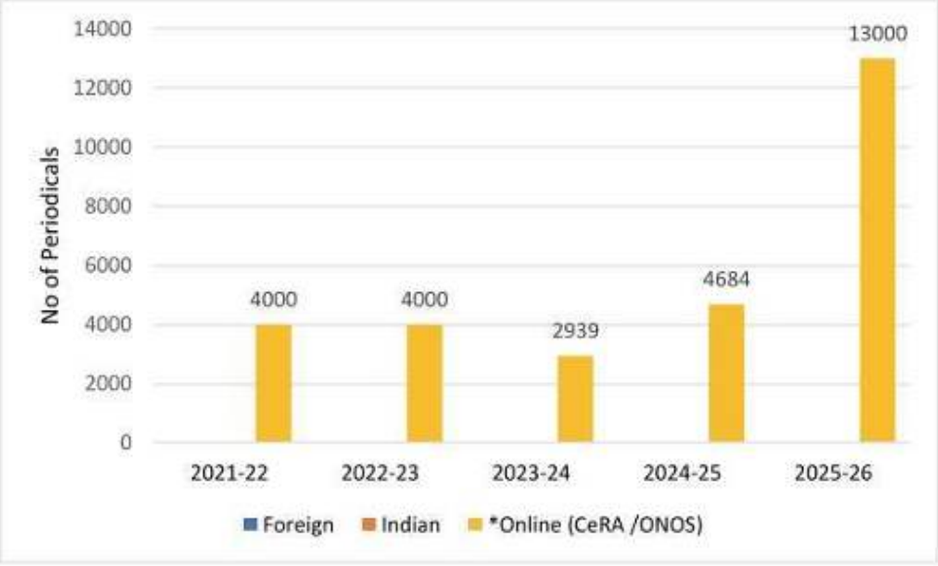


Fig. 1: Subscription of Periodicals

Profile of Periodicals, Research Journals and e-journals

The University library has subscribed 12 journals comprising of Periodicals, Research Journals and e-journals. University procures 1 Foreign and 8 Indian journals in the form of online, printed and both the forms. The details of the journals available are as below:

Details of Periodicals, Research Journals and e-journals

Sl. No.	Discipline Major Area	Name of the Journal	Foreign Journal	Indian Journal
1.	Agricultural Engineering	Journal of Soil and Water Conservation	-	1
2.	Soil & Science and Agricultural Chemistry	Indian Chemical Society Journal	-	1
3.	Horticulture	The Journal of India Botanical Society Corm: The Journal of Floriculture	-	1 1
4.	Agricultural Economics	Finance India	-	1
5.	Sericulture	Indian Silk	-	1
6.	Agri Business Management	Journal of Indian Institute of Science	-	1
7.	Agricultural Extension	Journal of Rural Development	-	1
8.	Agricultural Engineering	Journal of Soil & Water Conservation	1	-
Total			**01**	**08**

In addition to these, **around 13,000+ journals** have been subscribed through Consortium for e-Resources in Agriculture (CeRA) and One Nation One Subscription (ONOS) as on 2025-26.

Library timings

Days	Opening time	Total duration (Hrs per Day)
Week Days	8.30 am to12.00 am	15.5 Hrs.
Saturdays	8.30 am to 6.00 pm	9.5 Hrs.
Sundays	8.30 am to 1.00 pm	4.5 Hrs.
Holidays	**Closed on all the Government Holidays**	

6.6.2.4. Centre for Excellence (CoE) /Advance Studies/ Centre for Advanced Faculty Training

Centre for Excellence (CoE) /Advance Studies/ Centre for Advanced Faculty Training

Sl.No	Name of the CoE/CAS/ CAFT	No.	Year of Establishment	Funding Agency	Facilities Available	Outcome
1.	Centre of Excellence on Nutri-Cereals	01	2011-2012	NFSM, MoA, GoI	Small millets are potential Nutri-cereals, offering many opportunities for diversified utilization and value addition. With proper processing, it is possible to prepare many kinds of food products by adopting appropriate milling, Popping, Flaking, Pearling and other novel technologies. A state of art facility has been established at Centre of Excellence, UASB with Millet dehusking machines, Vibrosifter, Pulveriser, Pasta making machine, flour blender, Grain roaster, Grain packaging machine, Hot air oven, Mixer and Blender, Small millet polishing machine along with small laboratory equipments.	The Centre of Excellence on Nutri-Cereals has been instrumental in providing most needed primary and secondary processing facility to all the stake holders who are in need across the state. The centre is also supporting incubatees for their approved projects by Agri Innovation Centre, UAS, GKVK, Bangalore. A Total of 3675 different stakeholders have visited CoE-Nutricereals during the period and got benefited. Trained 260 beneficiaries comprising farmers, rural youths, women and entrepreneurs on Millet processing and Value addition. Sixty two students of IV B.Tech (Agricultural Engineering) have undergone experiential learning at the centre and were involved in developing various new products using the

						machinery/facilities available at the centre. The newly developed products were marketed by the students.
2.	National Centre of Excellence on Watershed Management	01	2022-23	The World Bank through Govt. of Karnataka	• An advanced training hall featuring modern equipment, digital tools, and smart learning support systems • Conference halls equipped with advanced video-conferencing facilities for seamless global interactions • A modern, fully equipped GIS laboratory designed for high-end geospatial analysis and digital mapping	• Trained 1,131 professionals engaged in watershed management, including bureaucrats, scientists, and line department officials from across India, on advanced scientific approaches to watershed management. • Refined and enhanced nine decision support systems to facilitate automated, site-specific selection of appropriate watershed interventions. • Revised and enhanced the Land Resource Inventory and hydrological assessment manuals to support science-based and advanced watershed planning processes. • Organized a national-level conference that facilitated nationwide knowledge exchange among watershed professionals on advanced scientific approaches, supporting their adoption under WDC–PMKSY 2.0.

						• Organized an international conference that facilitated the integration of global knowledge, experiences, and best practices into the policy framework for India's upcoming watershed development initiatives.
3.	Niche Area of Excellence	01	2012	ICAR	• Niche Area of Excellence for Capacity Building in Taxonomy of Insects and Mites established to provide training and technical guidance to the young entomologists in SAUs (including PG students), ICAR institutions and other organizations who intend to pursue research in taxonomy. • Totally, 37 training programmes were organized which include 9 long duration (21 days) training programmes , 5 medium duration (7 to 13 days) training programmes and 23 short duration (7 days) training progrmmes. • A total of 493 persons were trained. Of these, 33 trained	• More than 2.50 lakhs of insect and mite specimens of 26 orders were collected and maintained in the repository, with the oldest being a weevil collected by Leslie C. Colemen. • These collections were utilized by the PG students and scientists from other universities for their research work. Besides, scientists from UK, Australia and Srilanka visited the insect repository for examining these specimens. More than 600 new insect species were described, representing insect orders such as Hemiptera, Coleoptera, Diptera, Hymenoptera and Lepidoptera. • Likewise, 50 mite species were described. Further, type specimens of described species were preserved in the insect repository as point of reference.

					entomologists have continued working in the field of taxonomy as indicated by the research projects programmes initiated by them.	• Insect Identification Services was given to PG students and researchers of other farm Universities and Traditional Universities across India.
4.	Bioenergy Research and Quality Assurance Laboratory	1	2017	Karnataka State Bioenergy Development Board, GOK	• Laboratory adopts appropriate methods for analysis, applying state-of-art instruments and using skilled personnel with good professional practice to provide world class analytical services. • The laboratory is committed to work impartially, consistent in its operations, and to continually improve the effectiveness of the management system. • Leading laboratory on the global level for assuring quality biofuels. • High quality test results on par with international Standards • Deploys high standards of technical competence	• Over the past five years, the total number of samples analyzed and products sold to various beneficiaries were as follows: 531 in 2021–22, 1,079 in 2022–23, 1,535 in 2023–24, 1,508 in 2024–25, and 1,470 in 2025–26. • Quality services through commitment, integrity and technical competence • Maintain well-equipped laboratories with state-of-art instrumentation • Provide continuous training/education to employees and upgrade their competency • Continually improve the processes and services.

					• Focused on supporting student, researchers and encourage entrepreneurs in the field of bioenergy	
5.	Center For Innovation & Development in Smart Agriculture (CIDSA)	01	2023	Government of Karnataka in collaboaration with Hexagon	• The Center for Innovation & Development in Smart Agriculture (CIDSA) is a multi- phased project that intends to build the skills of students / engineers for the agricultural industry through a series of well-structured engagement models to make them industry-ready and conduct industry connection programs which facilitate job placements and projects. • Five specialized labs: Agriculture Automation Lab, Smart Precision Agriculture Lab, Agronomy Lab, Agriculture Drone Lab, Farm Equipment Design and Manufacturing • (CIDSA) shall operate as Hub and Spoke knowledge and	• Contributed to the Industry-readiness of the students (437 students trained in CIDSA labs) • Automation of local farm machinery; and • Tech-driven extension for precision farming (130 farmers received training in CIDSA labs) • Contributed to the upskilling of the faculty and line department staff (75 scientists of UASB and 28 ATMA project staff have been trained in CIDSA labs) • 11 entrepreneurs have received training in smart agriculture.

					technology dissemination centers ensuring a wider reach of Smart Future Agricultural practices to Farmers, Agriculturalists, Entrepreneurs and Young engineers at district and villages.	
6.	Bio Craft Technology	01	2007-08	UAS(B)	Bio-Craft Technology unit at the College of Sericulture, Chintamani (a constituent college of UAS Bangalore) is a specialized facility dedicated to the creative and industrial utilization of sericultural by-products. Specific activities include: ▪ Utilization of waste and cut cocoons ▪ Preparation of business plan of Bio-craft ▪ Dyeing of cut cocoons ▪ Cutting and designing of cut cocoons ▪ Preparation of various by-product articles like garlands, vases, flower bouquet, Photo frames, etc.	▪ Around 150 students have got the exposure to understand the entire value chain from growing mulberry to rearing silkworms and finally creating marketable "Bio-Craft" products. ▪ Around 250 farmers have received training on how to treat and dye cocoons using natural and synthetic dyes for artistic purposes, creation of silk-based garlands, flowers, greeting cards etc.
7.	Chawki Rearing Centre (CRC)	01	2017-18	ICAR	The Chawki Rearing Centre (CRC) at the College of Sericulture, Chintamani, is a critical scientific facility designed to manage the most	▪ Unit is often part of the Student READY (Experiential Learning Programme) focusing on "Value Addition" and

					vulnerable stage of the silkworm life cycle. Since the first two instars (stages) of silkworms—known as "Chawki"—require precise temperature, humidity, and high-quality nutrition, the CRC acts as a specialized nursery before the worms are distributed to farmers for late-age rearing. Specific activities include: ▪ Chawki garden management ▪ Disinfection and hygiene maintenance ▪ Chawki rearing ▪ Chawki certification ▪ Chawki disposal ▪ Follow-up and advisory services	"Entrepreneurship". Around 95 students have been trained in this centre. ▪ Around 100 farmers have been trained in this centre leading to 20–25% higher cocoon yields compared to those doing traditional home-rearing. ▪ Entrepreneurship in Chawki rearing. ▪ Advisory services in Sericulture. ▪ Planning and project preparation.



Center of Excellence on Nutri-Cereals



Students working with Machines for production of products and Production of Puff Extrudates from the Extruder Machine



Quality Inspection of products during processing of Products



Production, Processing of different products in the laboratory



Products prepared during experiential learning course: Pasta, Puff Extrudates and Vermicelli for sale



Centre of Excellence on Watershed Management (CoE-WM) trained 1131 professionals across the country through 42 training programmes



Agriculture Drone Development and Applications at CIDSA



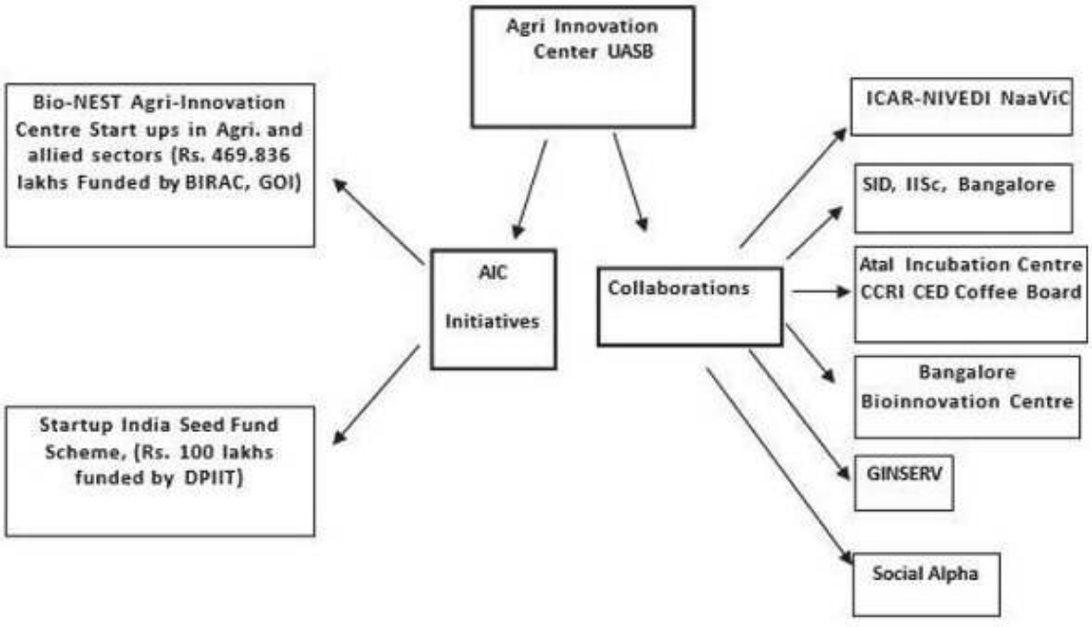
Agriculture Automation at CIDSA

6.6.2.5. Incubation Centre / Start up unit's / Venture Capital

Agri-innovation centre

UASB established the Agri Innovation Centre (AIC) at GKVK campus in 2017 to foster innovation and entrepreneurship in the Agriculture and allied sectors under the chairmanship of Hon'ble Vice Chancellor, UASB. The Centre serves as a hub for agriculture graduates, farmers, and innovators with transformative ideas. With a focus on empowering entrepreneurs, rural youth, and researchers, AIC promotes emerging technologies and translational programmes to develop innovative, market-ready agri solutions that enhance the economic growth of the sector.

Conceptual Framework of Agri-innovation centre



Working Model of Agri Innovation Centre, UASB

Objectives of the Agri Innovation center

- Nurture agricultural innovation & entrepreneurship
- Foster cutting-edge innovations in the agri-sector leading to economic development
- Encourage and enable innovation among students and farmers
- Serve as a knowledge center & repository of biological materials

Management Committee for UAS(B) Agri. Innovation Center

Sl.No.	Designation	Role
1	Honorable Vice Chancellor, UAS, Bangalore	Chairperson
2	Director of Education, UAS, Bangalore	Co-Chairperson
2	Director of Research, UAS, Bangalore	Member
3	Dean (Agri), UAS, Bangalore	Member
4	Dean (PGS), UAS, Bangalore	Member
5	External Member (Retd. Professor/Agri Entrepreneur)	Member
6	Coordinator, Agri Innovation Centre, UAS Bangalore	Member and Convener

The Agri. Startup programme

Agri. Startup programme under the UAS-B Agri. Innovation Center was initiated on 4th Jan, 2019. The main emphasis of the centre is to develop required essential infrastructure facilities for effective implementation of the incubation programme by the startups and entrepreneurs (incubatees). We propose to achieve this goal by establishing a nodal centre with minimum infrastructure and facilities for operations and outsource the existing facilities in the different departments/research centers of UAS-B in order to pave the way for doctoral candidates, post graduates, farmers and unemployed youths to implement their ideas as start-up.

The Agri. Startup programme Executive Committee is constituted under the chairmanship of Dean (PGS), UAS-B.

Executive Committee for Agri. Startup programme

Sl.No.	Designation	Role
1	Dean (PGS), UAS, Bengaluru	Chairperson
2	Dean (Agri), UAS, Bengaluru	Co-Chairperson
3	Associate Director of Research (Head Quarters)	Member
4	External Member (Retd. Professor/Agri.Entreprenur)	Member
5	Respective University Head and HODs (Depending on the technology)	Invitees
6	Coordinator, Agri Innovation Center, UAS B	Member and convener

Agri Start Ups at the UASB-Agri Innovation Centre

Sl. No.	Name of the company / incubate	Project/ objectives	Location of Incubation	Contact details
1.	Tranalab Pvt. Ltd., Bangalore	To demonstrate functional expression, purification and preliminary characterization of various biosimilars and biotherapeutics.	AIC UASB, GKVK	ganesh@tranalab.com 9845485336
2.	Mr. Vishwa R Surya	Creation of end-to-end solutions for growing units, specifically for microgreens including but not limited to seeding, growing, harvesting and even marketing	AIC UASB, GKVK	varunsurya97@gmail.com 8123776771
3.	Cauvery Sannidhi for Indian Culture	Low cost Plant tissue Culture system for local production of quality horticultural planting materials in rural areas	AIC UASB, GKVK	adisj709@gmail.com 9886419870
4.	Sri NagaThirumala Agricultural Biotechnologies, Bangalore	To develop advanced *Invitro* techniques for rapid micropropagation of tree species *i.e.,* teak, sandal wood and floriculture crops such as Anthurium species and Dahlia species.	AIC UASB, GKVK	nagapavanbbc@gmail.com 7019460246
5.	Kavan Biosolutions, Bangalore	Developing methods for bio-actives purification from plants and supplying the same for pharmaceutical, agriculture and relevant industry	AIC UASB, GKVK	kavanbiosolutions@gmail.com 9538915770
6.	Rayonnant Natural Care Excellence Pvt. Ltd., Bangalore	Greener antimicrobial for control of postharvest pathogens fruits and vegetables	AIC UASB, GKVK	venugopal@rayonnant.in 7760099728

Sl. No.	Name of the company / incubate	Project/ objectives	Location of Incubation	Contact details
7.	CultivaAgri Tech Pvt. Ltd.,	To apply internet technology to help farmers access high quality inputs for agriculture and allied activities, at the time and the place of their liking.	AIC UASB, GKVK	heshashidhar@rediffmail.com 9845038893
8.	Ms. Snehalatha Bentur, Bangalore	To develop technological interventions for the bottlenecks in mushroom cultivation to make it an economical venture, Spawn production and to develop innovative processed food with prime focus on nutraceuticals	AIC UASB, GKVK	snehalathamb@gmail.com 7019011762
9.	Roots Goods OPC Pvt. Ltd.,	To solve marketing problems for farmers by providing a transparent intuitive online platform for trading agricultural commodity	AIC UASB, GKVK	general@rootsgoods.com 9483004926
10.	NARM Healthy food and beverages Pvt. Ltd, Bangalore rural	Providing healthy fresh millets and high protein vegetable beverages to consumers at affordable price	AIC UASB, GKVK	nutriclapfoods@gmail.com 8123473732
11.	Arambha Krushitech India Pvt. Ltd	To early detect and forecast diseases, nutrition deficiency and drought condition in food crops by using image processing and machine learning in the field of agriculture.	AIC UASB, GKVK	arambhakrushitec@gmail.com 9986552202
12.	Handcraft Studio Academy	Providing healthy fresh millets and high protein vegetable beverages to consumers at affordable price	AIC UASB, GKVK	velapilgeetha@gmail.com 9845038893
13.	Mr. Hemanth Kumar, B.	To early detect and forecast diseases, nutrition deficiency and drought condition in food crops by using image processing and machine learning in the field of agriculture.	AIC UASB, GKVK	hemanthvjp1999@gmail.com 8059400676
14.	ShreekaLifeStyle (OPC) Pvt. Ltd	Development of high-quality value-added natural products from herbs, medicinal and aromatic plants for health and wellness	AIC UASB, GKVK	shreekalifestyle@gmail.com 9844801544
15.	Hydropour Technologies Pvt. Ltd.	Remote and physical sensor driven IoT. Farm automation system	AIC UASB, GKVK	mathithumilan@gmail.com 9632172113
16.	Organismic Technologies Pvt. Ltd.	Development of Phyto extract based nano bio pesticides	AIC UASB, GKVK	naveen@otlas.in 7204100404

Sl. No.	Name of the company / incubate	Project/ objectives	Location of Incubation	Contact details
17.	AgriMaa Life Sciecnes Pvt. Ltd	Low-cost plant tissue culture system for local production of quality horticulture planting materials rural areas	AIC UASB, GKVK	adisj709@gmail.com 9886419870
18.	Dendrite Laboratories Pvt. Ltd	Reusable LAMP foldable micro device membrane platform.	AIC UASB, GKVK	buella@dendritelabs.in 8095556262
19.	Beegle Agritech and Agriproducts Pvt.Ltd	Drone for Precision Farming and Microponics-Integrated hydroponics	AIC UASB, GKVK	beegleagritech@gmail.com 8197472257
20.	Gills nature Pvt. Ltd	Propagation of aquatic plant by Tissue culture technique	AIC UASB, GKVK	sunil.shekar@gillsnature.com 9590040193
21.	Acoustic Agriculture	Development of Eco germinator	AIC UASB, GKVK	acousticagri@gmail.com 9901058754
22.	Veehan Organica LLP	Construction of low-cost eco-friendly green houses with bamboo	AIC UASB, GKVK	veehanorganica@gmail.com 7349695821
23.	Prudent Bio Research Pvt. Ltd	Biologics from Plants for Human Care	AIC UASB, GKVK	prudentbio@gmail.com 7022292276
24.	41 Foods Pvt. Ltd.	Development of millet-based food for lactating mother to increase the milk production	AIC UASB, GKVK	anshuman.agrico@gmail.com 9110292681
25.	Criyagen Agri and Biotech Pvt. Ltd	Development of eco-friendly and organic bio fertilizer for increased yield	AIC UASB, GKVK	poornesha@criyagen.com 8951303417
26.	Agreeva Agrigenetics Pvt. Ltd.	Development of high yielding hybrids in pigeon pea and other pulses	AIC UASB, GKVK	agreevaagrigenetics@gmail.com 9959223156
27.	Padmini Sudarshana	Development of ecofriendly low-cost cooling pads for green houses	AIC UASB, GKVK	padsud89@gmail.com 9886419870
28.	AgriApp Technologies Pvt. Ltd.	Precision agriculture for sustainable crop production	AIC UASB, GKVK	poornesha@criyagen.com 8951303417
29.	Premium seeds pvt. Ltd.	Crop improvement using Gene mapping, TILLING, and Marker assisted selection in Chilli, Bitter gourd, Ridge gourd and other vegetable crops	AIC UASB, GKVK	uday@premiumseeds.in 9632613904
30.	Bioagrotech Solutions Pvt. Ltd.	High-tech microbial consortium preparations for herbicide degradation in soil	AIC UASB, GKVK	sv@bioagrotechsolutions.com 9845211481
31.	Encure Farms Pvt Ltd	Indian Custom Farm	AIC UASB, GKVK	mallikarjunchougala5@gmail.com 8050818548

Sl. No.	Name of the company / incubate	Project/ objectives	Location of Incubation	Contact details
32.	Agwin Innovations private limited	Development of vegan leather from the mango pulp waste generated from the fruit processing industry	AIC UASB, GKVK	venugopal@rayonnant.in 7760099728
33.	Arkashine Innovations Pvt. Ltd.	Developing rapid Soil Testing device	AIC UASB, GKVK	karbari.rsudha@gmail.com 9611297893
34.	Enlight Agrotech India Pvt Ltd	Evaluation of Agrolyzer and Agrosmile on different root crops for productivity, mode of action, and bio-safety	AIC UASB, GKVK	rajahardik3@gmail.com 6361548325
35.	MyoCare Bioscience Pvt. Ltd., Bangalore	Development of an improved Solid-State Fermentation Technology for large-scale augmentation of Bio-pesticides and Root Organ Culture technology for VAM fungi	AIC UASB, GKVK	t.natarajsrn@gmail.com 9677337311
36.	Gene2Go Pvt. Ltd.	Molecular Breeding for Enhanced Agronomic Traits and stress tolerance in aromatic rice cultivars using multiplex Genome Editing	AIC UASB, GKVK	avishekd@gene2go.in 8967763748
37.	Back2millets organic LLP	Healthy Millet Breakfast Mixes fortified with Organic Ayurveda Herbs	AIC UASB, GKVK	prassantv@back2millets.com
38.	Panterra Agrisciences India private limited	Development of Fungi Based Consortium to promote plant growth	AIC UASB, GKVK	sanjukta.s@panterraindia.com 9535380380
39.	Susthira Organic LLP	Development of Biopesticides and Bio Stimulants	AIC UASB, GKVK	samoproducts2020@gmail.com 9480607571
40.	OxonEx Biologicals Pvt. Ltd.	Development of Irrisaver to promote plant growth and reduce water usage	AIC UASB, GKVK	munish@oxonex.com 9886601371
41.	KAIZA Bio Pvt. Ltd.	A novel bio-fermentation approach for the production of anti-cancer drug TAXOL using microbial and plant tissue cultures of species'.	AIC UASB, GKVK	quaiser@kaizatech.com 8095199786
42.	R-KAY Value Food Pvt. Ltd.	Manufacturing of pure unadulterated selected milk products and millets	AIC UASB, GKVK	rkfiu2012@gmail.com 9845287305
43.	AgriBotics	AgriBotics - Indigenous Smart Agricultural Drone Ecosystem for Sustainable Farming'	AIC UASB, GKVK	naresh@cropxplore.com 7022055452
44.	Ayuh Ventures	Hybrid-precision Vertical farming system'	AIC UASB, GKVK	ayuhfarms@gmail.com 8095884554

Sl. No.	Name of the company / incubate	Project/ objectives	Location of Incubation	Contact details
45.	Zhichu Foodtech Pvt. Ltd.,	Transforming Agricultural Byproducts into Plant and Mycelium-Based Foods	AIC UASB, GKVK	saigeetha@7030tech.com 9080222045
46..	Karthik(Student Incubatee)	Alternative Sugar for Healthy Baking'	AIC UASB, GKVK	roaringpower.k027@gmail.com 7348912971
47.	Crop Solutions LLP	Evaluating biologically enhanced nutrition programmes for pathogen mitigation, resilience to abiotic stress and plant nutrition steering	AIC UASB, GKVK	hudeda@gmail.com 9972578161
48.	Gro Robotics Innovations Pvt Ltd	AI Driven plant growth Management system in Hydroponics System	AIC UASB, GKVK	sahana@grorobotics.com 9946649000
49.	Vitacrop Technologies Pvt. Ltd	Plant tissue culture optimization of Tomato, rice and Cotton for DNA free SDNI gene editing	AIC UASB, GKVK	vivekanand.tiwari@vita-crop.com 9377841699
50.	NARSAL Agri tech	Cloning excellence and methodology design of cavendish William's cultivar for its short-term crop cycle and early flower production	AIC UASB, GKVK	mohankumarbs12@gmail.com 9063795517
51.	Nutricorp Agri. Pvt. Ltd.	Biochar-Enhanced Biofertilizers for Sustainable Agriculture	AIC UASB, GKVK	ajey.g@nutricorpagri.com 8105823724

The list of graduated startups from UASB-Agri Innovation Centre is given in Annexure - 6.6.2.5a.

External Registrant Incubates

Sl. No.	Name of the company / Incubates	Project / Objective	Place of Incubation	Contact details
1.	Shreeka Innovations	Enhancement of Self stability of Millet products	AIC UASB	rupak.t.k@gmail.com 9845057756
2.	R-Kay Value Foods Pvt. Ltd.	To promote organic and millet farming	AIC UASB	rkfiu2012@gmail.com 9845287305
3.	Mr. Srinath. C. S,	Organic and millet product sourcing and product development	AIC UASB	srriinathcss@gmail.com 9845200840
4.	Vidyaranya Ayurvedalaya	Production and Marketing of HIFibron Health mix (UASB technology)	AIC UASB	ndkumar1977@gmail.com 8310440903 9845754123
5.	Scion Agricos Pvt. Ltd	Farmer-first approach to benefit their community.	AIC UASB	anaghaks@scionagricos.com 6362834069
6.	Desi Viva Foods LLP	To develop millet based RTC and RTE foods	AIC UASB	deekshajagadish.95@gmail.com 9448133662

Sl. No.	Name of the company / Incubates	Project / Objective	Place of Incubation	Contact details
7.	Future Luminous Food Lifestyle Pvt. Ltd	Development of Millet based Avalakki and other value-added Products	AIC UASB	info@futureluminous.com 9448064341
8.	Suryanirbhar Agritech Pvt. Ltd	Battery operated multi-purpose agricultural implements	AIC UASB	ashwini01.prakash@gmail.com 9972005472
9.	Madhukosha Apiary Services	Development of honey combs using eco-friendly materials	AIC UASB	vijith@madhukosha.com 9611713312
10.	Shivson Crop Sciences Pvt Ltd	Extraction of Capsaicin, Oleoresin and Other Biproducts from Chilli Fruits Pulp Produced at Production Area	AIC UASB	hr@shivsoncropsciences.com 9561125268
11.	Eco con Green Products Pvt. Ltd.	Manufacturing eco-friendly, natural table wares using Sugarcane Bagasse	AIC UASB	snp@ecoconindia.co.in 7204868159
12.	Siddaganga Bioproducts	Manufacturing eco-friendly cutlery from arecanut waste.	AIC UASB	siddagangabioproducts@gmail.com 7045442541
13.	Ecosight Technologies Private Limited	Developing AI and senoor based device for Bee Health Monitoring	AIC UASB	sujay@beeprecise.io 8971537534
14.	Sreshta Natural Farmers Llp,	Producing and supply of sprouts and microgreens	AIC UASB	seshireddy.k@agriplows.com 8904454344
15.	Hasiru Agro Pvt Ltd	Hasiru agro landscape design and development'	AIC UASB	anirudhrs.hasiru@gmail.com 7019783273 8105100749
16.	Qbit pvt ltd	Efficient and sustainable nutritional product development for daily wellness	AIC UASB	hello@qbit.care 9008883004
17.	DX Biotics LLP	Innovation Sustainable Agriculture with Nutrifide	AIC UASB	lakshmeeshar123@gmail.com 7026291246
18.	MiANE Wellness	Herbal Innovations for Sustainable Beauty and Wellness	AIC UASB	mianewellness@gmail.com 7676814258

The list of External Registrant Incubates graduated from UASB-Agri Innovation Centre is given in Annexure - 6.6.2.5b.



Laboratory facilities at Agri Innovation Centre



Tissue culture facility at Agri Innovation Centre



Cold room facility at Agri Innovation Centre



Biological Material Repository



Instrumentation Room



Common Laboratory 1



Common Laboratory 2



Knowledge Centre



Incubatee Office space



Mini Chambers for Startups



Industrial Shed



Shade net



Mist Chamber facility

Glimpses of Events organized by AIC UASB:







Pioneering Opportunities and Startup Ventures for 3rd Year B.Sc. (Hons.) ABM



e-YUVA student funds orientation programme for UG and PG students



Workshop -India & UK Agri Acceleration Programme for startups



Global Bio India Road Show on Investment opportunities for Agri Startups



Global Bio India- Shaping a Resilient Startup Ecosystem: Symbiosis of Industry – Incubator – Startup



Strengthening the Performance of Farmer Producer Organizations (FPOs) by Encouraging Agriculture Sector Startups through Agri-Accelerator Platforms (Batch 1)



Innovative Startups Competition in Agriculture 2025-as part of PG Science Week



Strengthening the Performance of Farmer Producer Organizations (FPOs) by Encouraging Agriculture Sector Startups through Agri-Accelerator Platforms (Batch 2)



Strengthening the Performance of Farmer Producer Organizations (FPOs) by Encouraging Agriculture Sector Startups through Agri-Accelerator Platforms (Batch 1)- Visit to Rajagatta FPO



Agri Automation and Machine Control training in association with CIDSA



Techniques of Plant Tissue Culture and Potential Entrepreneurship Opportunities



Pitch Perfect: The Investor Readiness Workshop for Agri Startup

6.6.2.6. Technology Enabled Learning Resources

Technology Enabled Learning Resources in the University

Sl. No.	Technology based infrastructure created	Digital contents loaded	Teacher training /Data system created	Monitoring and evaluation framework adopted to sustain
1.	GKVK Campus UG classroom-Digital classrooms/Smart Boards 8 No with sound systems (South Block 6No North Block 2 No) Chintamani campus, College of Sericulture and College of Agricultural Engineering, GKVK campus	28 lecture modules	-	Monitored and maintained by the Dean (Agri.), GKVK
2.	College of Agricultural Engineering, GKVK campus a. Agriculture Drone Laboratory	Professional Drone with Multispectral Camera (Crop & Soil health monitoring), Profession Drone with RGB Camera (Field Inspection & field area), Pesticide Spraying agriculture drone, Weather monitoring drone with kit, GIS, Remote Sensing & Photogrammetry Education Kit (Imagine, Photogrammetry, Easy5 Electrical System, Easy5 Fluid Power Package.	Training Programmes Conducted for Teachers, Students of University and other Private colleges on Drone and smart agriculture	A laboratory utilisation register and digital logbook is maintained for all drone flights, student practical sessions and training programmes. Student feedback and trainee feedback are collected after each training programme and practical module and analysed for improvement of content and delivery

Sl. No.	Technology based infrastructure created	Digital contents loaded	Teacher training /Data system created	Monitoring and evaluation framework adopted to sustain
	b. Agriculture Automation Laboratory	Adams Studio Package (Adams View, Adams Exchange, and Adams Solver), Adams Structures Bundle (Flex and DurabiAdams Controls Bundle (Controls, Mechatronics, and Vibration), Adams Ground Vehicle Bundle (Tire Handling and 3D Road), Automated Fertilizer Broadcaster, Automated Boom Sprayer, Auto Steering Tractor.		Internal practical assessment, project performance and laboratory-based course outcome attainment are analyzed every semester to evaluate the effectiveness of automation tools in teaching and learning. Regular preventive maintenance and functional checks of automated broadcaster, boom sprayer and auto-steering tractor are carried out and documented.
	c. Farm Equipment Design and Manufacturing Lab	MSC Apex Modeler, MSC Apex Structures, MSC Apex Generative Design Studio, Actran/Acoustics (Generic Solution for Acoustics - Includes Actran/VI), Actran/Vibro-Acoustics (Generic Solution for Vibro-Acoustics), Simufact Forming		A software utilisation and laboratory access log is maintained for all CAD, CAE and manufacturing simulation tools. Student and faculty feedback on usability, learning effectiveness and infrastructure adequacy is collected and analysed for continuous improvement.

Sl. No.	Technology based infrastructure created	Digital contents loaded	Teacher training /Data system created	Monitoring and evaluation framework adopted to sustain
		Hub, Simufact Forming Sheet Metal, Simufact Forming Heat Treatment, Simufact Forming Parallel Core, Simufact CAD Parasolid, Simufact Welding Hub, Simufact Welding Resistance Spot Welding, Simufact Welding Parallel Cores (4 core package), Advanced Free Form CAD (VISI), CREO 6.0 (University plus academic lab pack)		
3.	Chintamani campus, College of Sericulture with ICT-enabled classrooms with LCD projectors and audio-visual facilities, Use of computers and multimedia tools for interactive teaching and presentations, Smart teaching aids for explaining complex sericulture and agricultural concepts.	-	-	Monitored and maintained by the Dean (Seri.), Chintamani
4.	Agri innovation center for Start-ups 1. Molecular lab-1 equipped 2. Molecular lab-2 equipped 3. Cold room 4. Tissue culture facility	-	-	Being maintained by the Head Agri. Innovation centre

Sl. No.	Technology based infrastructure created	Digital contents loaded	Teacher training /Data system created	Monitoring and evaluation framework adopted to sustain
5.	UASB Next Generation Bio Fertiliser Unit Funded by RKVY, ICAR and World Bank	-	-	Being maintained by the Head of the Dept. of Agricultural Microbiology
6.	Advanced centre for skill development on Mushroom Production Technology Funded by RKVY, GoI.	-	-	Being maintained by the Head of the Dept. of Agricultural Microbiology
7.	Centre for Innovation and Development in Smart Agriculture (CIDSA), GKVK Campus 1. Agriculture automation lab 2. Smart precision agriculture lab 3. Agriculture drone lab 4. Agronomy lab 5. Farm equipment design and manufacturing lab	-	Faculty trained on ICT applications in Agriculture	Being maintained by the Head of the Dept. of Agricultural Engineering
8.	Pyrolysis Unit (Biochar production)	-	-	Being maintained by the Head of the Dept. of Forestry and Environmental Science
9.	VTPC Karnataka – Visvesvaraya Trade Promotion Centre- sponsored "Honey testing Laboratory"	-	-	Being maintained by the Head of the Dept. of Apiculture
10.	Hindustan Aeronautics Limited: HAL sponsored "Entrepreneurship skill development centre"	-	-	Being maintained by the Head of the Dept. of Apiculture
11.	Phenomics facility	Automated and real time data capturing	Improving skills of teachers and researchers in the area of plant Phenomics typing	Being maintained by the University Head Crop Physiology
12.	ICAR CFY 2024-25 under sub component experiential learning 1. Establishment of Model	-	-	Being maintained by the Head of the Dept. of Apiculture

Sl. No.	Technology based infrastructure created	Digital contents loaded	Teacher training /Data system created	Monitoring and evaluation framework adopted to sustain
	apiary and Bee Flora Nursery as a business opportunity. 2. Establishment Unit for Post-Harvest processing Technology			
13.	Genomics and Gene Editing Facility, Department of Genetics and Plant Breeding Funding: RKVY	-	-	Being maintained by the Head of the Dept. of Genetics and Plant Breeding
14.	Plant Disease Diagnostic Laboratory (NABL Accredited)	-	-	Being maintained by the Head of the Dept. of Plant pathology
15.	REWARD soil analysis lab	-	-	Being maintained by the Head of the Dept. of Soil Science
16.	Marker Assisted Selection laboratory	-	-	Being maintained by the Head of the Dept. of Genetics and Plant Breeding
17.	Genome Editing laboratory	-	-	
18.	High performance computing facility for OMICS, machine learning and artificial intelligence in Agriculture,	-	-	Being maintained by the Head of the Dept. of Biotechnology
19.	Central Instrumentation Facility (CIF)	-	-	Being maintained by the Head, CIF
20.	Vidwan-tool at library	e- portal of the faculty profile	Comprehensive profile each faculty of the University is being maintained for the effective academic networking and research collaboration	University Librarian regularly monitor and liaison with the faculty and IT-admin
21.	IRINS	IRINS-Indian Research Information Network System of Information and Library Network	The portal is used for university and faculty members, scientists to showcase the scholarly communication activities and	University Librarian regularly monitor and liaison with the faculty and IT-admin

Sl. No.	Technology based infrastructure created	Digital contents loaded	Teacher training /Data system created	Monitoring and evaluation framework adopted to sustain
		(INFLIBNET) Centre.	provide an opportunity to create the scholarly network.	

6.6.2.7. Integrated Learning Systems (Experiential Learning)

Number of Integrated Learning Systems sanctioned by ICAR: 03

Sl. No.	Name of the Integrated Learning Systems (Experiential Learning)	Functional Condition	Profit sharing with students (Rs.)					
			21-22	22-23	23-24	24-25	25-26	Total
CoA, GKVK								
1.	EEP 421 Production Technology for Bio-agents (0+10)	Functioning and 97 students registered (2021-22: - 2022-23: - 2023-24: 30 2024-25: 31 2025-26: 36)	-	-	32,240	30,520	Ongoing	67,760
2.	EAP 421 Commercial Beekeeping (0+10)	Functioning and 66 students registered (2021-22: - 2022-23: - 2023-24: - 2024-25: 32 2025-26: 34)	-	-	-	33,460	Ongoing	33,460
CoAE, GKVK								
1.	Establishment of Experiential Unit for Post-Harvest Processing Technology	Functioning	-	-	-	6,000	Ongoing	6,000
CoS, Chintamani								
	Commercial Chawki	Functioning and 46 students	5,175	-	4,140	25,040	Ongoing	34,355

	Rearing Technology	registered (2021-22: 15 2022-23: - 2023-24: 15 2024-25: 16 2025-26: ongoing)						

Activities carried out

1. EEP 421 Production Technology for Bio-agents (0+10)

- Trained in handling and operation of laboratory equipments and instruments.
- Practical exposure on the isolation of bioagents like *Trichoderma* and *Pseudomonas fluorescens*.
- Evaluation of efficacy and mass multiplication of bioagents, provided hands on experience in biocontrol agent's production and assessment.

2. EAP 421 Commercial Beekeeping (0+10)

- Trained in hiving of bee colonies and handling of *Apis cerana* and *Apis mellifera* colonies.
- Hands on experience in bee management and colony maintenance.
- Involved in extraction, processing, value addition and marketing of honey, beeswax and other bee products.

6.6.2.8. Academic Industry Interface

To effectively bridge the gap between academic theory and industrial practice, the University of Agricultural Sciences, Bangalore, has established a robust Academic-Industry Interface designed to foster innovation and employability. Central to this ecosystem is the Agri Innovation Centre (AIC) and the Placement Cell, which facilitate collaborative research, consultancy projects, and specialized training programs. By engaging with industry leaders and government agencies, the university ensures that its curriculum remains responsive to the evolving needs of the global agribusiness sector. These partnerships not only provide students with exposure to real-world challenges through internships and the Student READY program, but also create a pipeline for technology transfer and commercialization of university-bred innovations.

Furthermore, the interface serves as a strategic platform for stakeholder engagement, focusing on enhancing the competency of graduates and the productivity of the agricultural community. Regular industry-academia meets, MoUs with national and international corporate entities, and the involvement of private sectors in skill development initiatives characterize this synergy. This collaborative framework is instrumental in organizing campus recruitment drives, industry-sponsored workshops, and incubation support for budding agri-entrepreneurs. The following table provides a comprehensive overview of the key initiatives, functional units, and the tangible outcomes achieved through these sustained industry linkages.

Academic Industry Interface

Sl. No.	Name of the Academic Industry Interface	Digital Contents loaded	Important channels for knowledge transfer between Univ. and Firms	Benefits derived by University				
				2021 - 22	2022 - 23	2023 - 24	2024 - 25	2025 - 26
1.	"Crop Solutions Pvt. Ltd", Bangalore	-	Research Collaboration	9	9	9	9	9
2.	Asian Agro Industries Limited, Unjha, Gujarat.	-	PG Research and UG Student Internship	8	8	8	8	8
3.	Noble Seeds Pvt Ltd, Kolipura, Karnataka	-	PG Research and UG Student Internship	6	6	6	6	6
4.	Bayer Crop Science, Central Avenue, Maharashtra Thane (W).	-	PG Research	7	7	7	7	7
5.	Corteva - Pioneer Hi Bred International, Hyderabad, Telangana	-	PG Research and UG Student Internship	7	7	7	7	7
6.	Namdhari Seeds Private Limited, Bidadi Main Rd, Urugahalli, Karnataka	-	PG Research and UG Student Internship	6	6	6	6	6
7.	Criyagen Agri and Biotech Pvt. Ltd., Doddaballapur, Karim Sonnenahalli, Gejjigadahalli, Karnataka	-	UG Student Internship	25	23	24	26	28
8.	Sea Energy Pvt. Ltd., Bellary Road, GKVK Post, Bangalore	-	PG Research	7	7	7	7	7
9.	National Centerfor Biological Science, Rajiv Gandhi Nagar, Kodigehalli, Bangalore, Karnataka	-	Academic Research and PG Research	12	12	12	12	5
10.	KMF cattle feed mixing Plant, Rajankunte, Bangalore	-	Industrial attachment	18	18	15	12	17
11.	Multiplex bio tech pvt ltd, Kancrcret Rd, Peenya, Benagaluru	-	PG Research Collaboration	-	-	-	1	-

Sl. No.	Name of the Academic Industry Interface	Digital Contents loaded	Important channels for knowledge transfer between Univ. and Firms	Benefits derived by University				
				2021 - 22	2022 - 23	2023 - 24	2024 - 25	2025 - 26
12.	Barrix Agro sciences private limited, peenya	-	Industrial attachment	15	15	15	15	18
13.	Noble Seeds Pvt Ltd, Kolipura, Karnataka	-	PG Research	1	1	1	1	-
14.	Bayer Crop Science, Central Avenue, Maharashtra Thane (W).	-	PG Research and UG Student Internship	2	-		16	-
15.	Corteva - Pioneer Hi Bred International, Hyderabad, Telangana	-	UG Student Internship	-	-	16	16	-
16.	Namdhari Seeds Private Limited, Bidadi Main Rd, Urugahalli, Karnataka	-	PG Research	1		1	-	-
17.	East West Seed Pvt Ltd	-	UG Student Internship	-	-	16	-	-
18.	Hi-Veg Seeds Pvt Ltd	-	UG Student Internship	-	-	-	-	16
19.	ORBI Seeds	-	PG Research	-	1	-	-	-
20.	GENE2GO Pvt Ltd. Plant GENOMIQS Platform, C-CAMP, NCBS-TIFR, Bellary Road, Bangalore.	-	PG Research	-	-	3	-	-
21.	Green Square Technologies, Jalige, Bangalore	-	PG Research	-	-	-	1	-
22.	Sri Ram Institute for Industrial Research	-	PG Research	15	-	-	-	-
23.	Chethan labs Bangalore	-	PG Research	-	-	-	1	-
24.	Directorate of Economics and Statistics, GOK, Bangalore	-	PG Research	25	18	17	16	14
25.	NABARD	-	PG Research	2	-	-	-	-

Sl. No.	Name of the Academic Industry Interface	Digital Contents loaded	Important channels for knowledge transfer between Univ. and Firms	Benefits derived by University				
				2021 - 22	2022 - 23	2023 - 24	2024 - 25	2025 - 26
26.	Karnataka State Warehousing Corporation	-	PG Research	1	-	-	-	-
27.	Institute for Social Economic Change	-	Research	-	-	-	-	-
28.	ICRISAT	-	PG Research	-	-	-	1	-
29.	Indian Institute of Horticultural Research	-	PG Research	2	2	-	-	-
30.	Coffee Board	-	PG Research			1	1	1
31.	Karnataka Agricultural Price Commission	-	Research	1	1	1	2	1
32.	NBSSLUP	-	PG Research	1	1	1	-	-
33.	Indian Institute of Plantation Management	-	PG research	-	-	-	-	-
34.	Indian Agricultural Statistical Research Institute, New Delhi	-	Research	-	-	-	-	1
35.	Department of Agriculture and Farmers Welfare, MOA and FP, Government of India, New Delhi	-	Research	1	1	1	1	1
36.	Karnataka State Department of Agriculture, GoK	-	RAWEP	426	429	380	348	458
37.	Department of Horticulture, GoK	-	RAWEP	426	429	380	348	458
38.	Department of Animal Husbandry and Veterinary Sciences, GoK	-	RAWEP	426	429	380	348	458
39.	Department of Sericulture, GoK	-	RAWEP	426	429	380	348	458
40.	Department of Fishery Sciences, GoK	-	RAWEP	426	429	380	348	458

Sl. No.	Name of the Academic Industry Interface	Digital Contents loaded	Important channels for knowledge transfer between Univ. and Firms	Benefits derived by University				
				2021 - 22	2022 - 23	2023 - 24	2024 - 25	2025 - 26
41.	Department of Women and Child Welfare, GoK	-	RAWEP	-	-	-	-	458
42.	Primary Health Centers, GoK	-	RAWEP	-	-	-	-	458
43.	KVAFSU, Bidar – Vet. College, Bangalore	-	RAWEP	426	429	380	348	458
44.	Credit Access India Foundation Pvt. India ltd., Bangalore	-	RAWEP	426	429	380	348	458
45.	Karuna Animal Welfare Association	-	RAWEP	426	429	380	348	458
46.	NAMDARI Seeds	-	RAWEP	426	429	380	348	458
47.	Ashoka Seeds	-	RAWEP	426	429	380	348	458
48.	Private TV Channels, News Papers	-	RAWEP	11	11	15	14	16
49.	Doordarshan	-	Agro Industrial Attachment	11	11	15	14	16
50.	All India Radio	-	Agro Industrial Attachment	11	11	15	14	16
51.	Karnataka Milk Federation	-	RAWEP	426	429	380	348	458
52.	Farmers Producer Organizations	-	RAWEP	426	429	380	348	458
53.	RUDSETI	-	Agro Industrial Attachment	11	11	15	14	16
54.	Red Cross	-	RAWEP	-	-	-	-	458
55.	Referral Labs	-	RAWEP	-	-	-	-	458
56.	ZUARI Farm Hub Ltd.,	-	RAWEP	426	429	380	348	458
57.	INTAS Pharmaceuticals	-	RAWEP	426	429	380	348	458
58.	CIDSA	-	RAWEP	426	429	380	348	458
59.	SERVAL	-	RAWEP	426	429	380	348	458

Sl. No.	Name of the Academic Industry Interface	Digital Contents loaded	Important channels for knowledge transfer between Univ. and Firms	Benefits derived by University				
				2021 - 22	2022 - 23	2023 - 24	2024 - 25	2025 - 26
60.	Paradeep Phosphates limited	-	RAWEP	426	429	380	348	458
61.	ICAR, NBAIR, Hebbal, Bangalore	-	Agro Industrial Attachment	20	20	22	22	24
62.	Trust Grow Fertilizers, Pvt. Ltd	-	Agro Industrial Attachment	20	20	22	22	24
63.	Capsber Global Agro Pvt. Ltd	-	Agro Industrial Attachment	20	20	22	22	24
64.	Arekall Organics and Biofertizers Pvt. Ltd.	-	Agro Industrial Attachment	20	20	22	22	24
65.	Biofertilizer Unit, UAS, GKVK	-	Agro Industrial Attachment	20	20	22	22	24
66.	Advance Centre for Skill Development on Mushroom Production	-	Agro Industrial Attachment	20	20	22	22	24
67.	Ashoka Seeds, Industrial area, Doddaballapura, Bangalore Rural	-	Agro Industrial Attachment	-	27	27	-	-
68.	Noble Seeds Pvt Ltd, 4th Sector, Yelahanka New Town, Bangalore, Karnataka	-	Agro Industrial Attachment	25	-		25	25
69.	Ashoka Seeds, Industrial area, Doddaballapura, Bangalore Rural	-	PG research	-	1	-	-	-
70.	ORBI seeds Pvt.Ltd., Judicial Layout, Bangalore	-	PG research	1	-	2	1	1
71.	Noble Seeds Pvt. Ltd., 4th Sector, Yelahanka New Town, Bangalore, Karnataka	-	PG research	-	1	1	-	-
72.	Punya Koti Farms, Kotiganahalii, Kolar district.	-	PG research	-	-	1	-	-

Sl. No.	Name of the Academic Industry Interface	Digital Contents loaded	Important channels for knowledge transfer between Univ. and Firms	Benefits derived by University				
				2021 - 22	2022 - 23	2023 - 24	2024 - 25	2025 - 26
73.	National Bureau of Soil Survey and Land Use Planning	-	Agro Industrial Attachment	18	-	-	-	-
74.	GPS Institute of Agricultural Management	-	Agro Industrial Attachment	18	-		18	17
75.	Environmental Health and Safety Research and Development centre	-	Agro Industrial Attachment	18	-	-	-	-
76.	Soil and Land Use Survey of India	-	Agro Industrial Attachment	18	17	-	-	17
77.	Karnataka Compost Development Corporation	-	Agro Industrial Attachment	18	17	-	-	-
78.	IFFCO	-	Agro Industrial Attachment	-	17	-	-	17
79.	Karnataka State Remote Sensing Application Centre	-	Agro Industrial Attachment	-	17	-	18	-
80.	Coromandel International limited	-	Agro Industrial Attachment	-	17	18	18	17
81.	ZUARI Farm Hub Ltd.,	-	Agro Industrial Attachment	-	17	18	-	17
82.	Arekal Organics	-	Agro Industrial Attachment	-	-	18	18	-
83.	Karnataka apiary, J P nagar Bangalore	-	Agro Industrial Attachment	20	20	20	20	-
84.	Thapovana, Dodaballapura	-	Agro Industrial Attachment	-	-	-	-	22
85.	Ekalavya Nursery, Kasaghatta, Hessaraghatta, Bangalore Urban	-	Agro Industrial Attachment	24	-	15	-	17
86.	Bharat Electronics limited, Bangalore	-	Agro Industrial Attachment	24	20	-	13	-

Sl. No.	Name of the Academic Industry Interface	Digital Contents loaded	Important channels for knowledge transfer between Univ. and Firms	Benefits derived by University				
				2021 - 22	2022 - 23	2023 - 24	2024 - 25	2025 - 26
87.	Hithkari Nursery, Linganahalli Road, Bangalore	-	Agro Industrial Attachment	24	-	-	-	-
88.	Emphasis Landscape and Design, Doddaballapur Road, Bangalore	-	Agro Industrial Attachment	-	20	15	13	-
89.	Bangalore Nursery, Devanahalli Taluk, Bangalore	-	Agro Industrial Attachment	-	-	-	-	17
90.	IISC, Bangalore		CoE-Watershed management	The exchange of knowledge enhanced the capabilities of faculty in terms of teaching and research.				
91.	Watershed Development Department (WDD)	The research out comes of the REWARD project especially the ATLAS have been loaded to store it in the digital library for public use	Physical meetings Field visit	The university had benefitted in terms of infrastructure development namely, establishment of advanced lab, procurement of high-end instruments. Students research facility enhanced due to high end instruments.				
92.	Hexagon Manufacturing Intelligence Pvt Ltd, Pune	Centre for Innovation and Development for Smart Agriculture (CIDSA)	Physical and online meetings, Field visit, Training Programmes	The university had benefitted in terms of infrastructure development namely, establishment of Agricultural Automation laboratory, Drone Laboratory and also the students are benefited by getting training under this CIDSA project				

Sl. No.	Name of the Academic Industry Interface	Digital Contents loaded	Important channels for knowledge transfer between Univ. and Firms	Benefits derived by University				
				2021 - 22	2022 - 23	2023 - 24	2024 - 25	2025 - 26
93.	Research Funding Collaborations	Faculty conduct need based research in integrated crop and sericulture systems funded by ICAR/DBT/Government of Karnataka, facilitating joint research with industry bodies.	PMS Software	Quality assurance, Infrastructure development				
94.	Practical Exposure & Field Engagement	Students attend industry and field visits, interact with silk reeling units, cocoons markets and sericulture enterprises as part of practical courses (typical to agriculture	PMS Software	Quality assurance, Infrastructure development				

Sl. No.	Name of the Academic Industry Interface	Digital Contents loaded	Important channels for knowledge transfer between Univ. and Firms	Benefits derived by University				
				2021 - 22	2022 - 23	2023 - 24	2024 - 25	2025 - 26
		/sericulture curriculum)						
95.	Placement & Career Interface	Several corporate and governmen t recruiters (e.g., Central Silk Board, State Sericulture Dept. offices) conduct interviews, seminars and placement drives with final year students at the College of Sericulture	Placement cell	HRD				

Note: Numbers inside the table indicate the number of UASB students benefitted

Resource generated at the University

Sl. No	Year Wise	Services provided by the University	Resource generated (Amount in Lakhs)					
			Less than one Lakh		More than one Lakh		Grand Total	
			No.	Amount	No.	Amount	No.	Amount
CoA, GKVK								
1.	2021-22	Establishment of Bio Craft Unit and Raising	-	0.77	-	-	-	0.77

		Mulberry Nursery Research Training Programme						
		Mineral Water Plant	-	0.08	-	-	-	0.08
		Mushroom Cultivation	-	0.71	-	-	-	0.71
		Various Schemes and Field Facilities	-	0.01	-	-	-	0.01
		Next Generation Bio Fertilizer Unit	-	-	-	-	-	-
2.	2022-23	Establishment of Bio Craft Unit and Raising Mulberry Nursery Research Training Programme	-	0.63	-	-	-	0.63
		Mineral Water Plant	-	0.08	-	-	-	0.08
		Mushroom Cultivation	-	0.71	-	-	-	0.71
		Various Schemes and Field Facilities	-	0.03	-	-	-	0.03
		Next Generation Bio Fertilizer Unit	-	-	-	-	-	-
3.	2023-24	Establishment of Bio Craft Unit and Raising Mulberry Nursery Research Training Programme	-	0.98	-	-	-	0.98
		Mineral Water Plant	-	0.08	-	-	-	0.08

		Mushroom Cultivation	-	0.35	-	-	-	0.35
		Various Schemes and Field Facilities	-	0.13	-	-	-	0.131
		Next Generation Bio Fertilizer Unit	-	-	-	1.01	-	1.01
4.	2024-25	Establishment of Bio Craft Unit and Raising Mulberry Nursery Research Training Programme	-	0.92	-	-	-	0.92
		Mineral Water Plant	-	0.08	-	-	-	0.08
		Mushroom Cultivation	-	0.82	-	-	-	0.82
		Various Schemes and Field Facilities	-	0.26	-	-	-	0.257
		Next Generation Bio Fertilizer Unit	-	-	-	16.62	-	16.62
5.	2025-26	Establishment of Bio Craft Unit and Raising Mulberry Nursery Research Training Programme	-	-	-	1.02	-	1.02
		Mineral Water Plant	-	0.65	-	-	-	0.65
		Mushroom Cultivation	-	-	-	2.01	-	2.01
		Various Schemes and Field Facilities	-	0.004	-	-	-	0.004
		Next Generation Bio Fertilizer Unit	-	-	-	11.81	-	11.81

Resource Generated by Circulation Section, University Library, UAS, GKVK Bangalore								
1.	2021-22	Over Due Charges	-	0.38	-	-	-	1.14
		Book Lost Cost Recovered	01	0.0004	-	-	-	
		Text Book Bank	01	0.0001	-	-	-	
		Consultation Charges	01	0.002	-	-	-	
		Identity Card	1538	0.76	-	-	-	
2.	2022-23	Over Due Charges	-	0.34	-	-	-	1.01
		Book Lost Cost Recovered	03	0.01	-	-	-	
		Text Book Bank	-	-	-	-	-	
		Consultation Charges	12	0.003	-	-	-	
		Identity Card	1466	0.66	-	-	-	
3.	2023-24	Over Due Charges	-	0.26	-	-	-	0.85
		Book Lost Cost Recovered	-	-	-	-	-	
		Text Book Bank	-	-	-	-	-	
		Consultation Charges	13	0.01	-	-	-	
		Identity Card	1223	0.58	-	-	-	
4.	2024-25	Over Due Charges	-	0.23	-	-	-	0.90
		Book Lost Cost Recovered	-	-	-	-	-	
		Text Book Bank	-	-	-	-	-	
		Consultation Charges	12	0.04	-	-	-	
		Identity Card	1278	0.63	-	-	-	
5.	2025-26	Over Due Charges	-	0.12	-	-	-	0.57
		Book Lost Cost Recovered	01	0.0011	-	-	-	
		Text Book Bank	02	0.0001	-	-	-	
		Consultation Charges	14	0.03	-	-	-	
		Identity Card	820	0.42	-	-	-	

CoAE, GKVK								
1.	2021-22	Commercial Testing Report from FMTC	-	-	27	48.90	27	48.90
2.	2022-23	Commercial Testing Report from FMTC	-	-	11	8.94	11	8.94
3.	2023-24	Commercial Testing Report from FMTC	-	-	41	87.82	41	87.82
4.	2024-25	Commercial Testing Report from FMTC	-	-	52	107.45	52	107.45
5.	2025-26	Commercial Testing Report from FMTC Centre of excellence on Nutri cereals	1	0.98	7	15.53	8	3.51
Directorate of Research, UASB								
1.	2021-22	Bio efficacy	2	1.86	63	452.53	65	454.39
2.		Biofertilizer	48	5.09	-	-	48	5.09
3.		Commercial Testing	-	-	13	56.45	13	56.45
4.		Other products	25	2.62	2	8.3	27	10.92
5.		Performance Evaluation	5	1.35	5	9.65	10	10.99
6.		Seed germination	62	1.78	0	0	62	1.78
7.		Seed health testing	2	0.1	1	1.33	3	1.42
8.		Soil and water samples	133	7.37	1	1.3	134	8.66
9.		Variety/Hybrid	8	4.97	16	49.98	24	54.96
10.		Commercializati on	3	1.5	-	-	3	1.5
11.		Consultancy of Fruit Ornamental, Vegetable Medicinal and aromatic Plants	-	-	2065 32	48.55	20653 2	48.55

12.		Consultancy on Coconut Samplings	-	-	-	-	-	-
13.		Consultancy on PHET Equipment's (Coconut Dehusker)	249	0.91	-	-	249	0.91
14.		Consultancy on Mango, Nerale, Tamarind and Cashew grafts	-	-	17480	12.51	17480	12.51
15.		Consultancy on Bee Keeping	-	-	319	4.35	319	4.35
16.		Consultancy on Talc Based Biofertilizers	-	-	13993	139.93	13993	139.93
17.		Consultancy on Liquid biofertilizer	-	-	9379	18.76	9379	18.76
18.		Consultancy on Seeds of cereals & Pulses	-	-	9953	232.98	9953	232.98
19.		Consultancy on Vermi Compost	-	-	123706	16.64	123706	16.64
20.		Consultancy of Sale of vegetative propagation material of fodder grasses	-	-	993915	1.88	993915	1.88
21.		Consultancy on Potential Crops	140	0.39	0	0	140	0.39
22.		Consultancy on Fish and Aquiculture	-	-	60	1.14	60	1.14
1.	2022-23	Bioefficacy	6	0.66	65	406.44	71	407.1
2.		Biofertilizer	44	4.53	0	0	44	4.53
3.		Commercial Testing	0	0	6	19.3	6	19.3
4.		Field visit	4	1.68	0	0	4	1.68
5.		Others	33	1.8	2	3.04	35	4.84

6.		Performance Evaluation	8	4.29	2	7.35	10	11.64
7.		Seed germination	43	0.56	-	-	43	0.56
8.		Seed health testing	21	5.89	1	2.66	22	8.55
9.		Soil and water samples	160	6.72	1	2.95	161	9.67
10.		Variety/Hybrid	8	6.55	12	55.76	20	62.31
11.		Commercializati on	4	1.1694	3	25	7	26.16
12.		Consultancy of Fruit Ornamental, Vegetable Medicinal and aromatic Plants	-	-	198551	51.51	198551	51.51
13.		Consultancy on PHET equipment's (Coconut Dehusker)	250	0.79	-	-	250	0.79
14.		Consultancy on Mango, Nerale, Tamarind and Cashew grafts	-	-	6900	5.04	6900	5.04
15.		Consultancy on Bee Keeping	-	-	761	7.81	761	7.81
16.		Consultancy on Talc Based Biofertilizers	-	-	14299	142.99	14299	142.99
17.		Consultancy on Liquid biofertilizer	-	-	10803	21.61	10803	21.61
18.		Consultancy on Seeds of cerials & Pulses	-	-	16114	189.89	16114	189.89
19.		Consultancy of Sale of Areca nut, Chaya rooted cutting, Agase, Mango	111	0.03	-	-	111	0.03

		root stock, drum stick plants						
20.		Consultancy on Vermicompost	-	-	76953	11.06	76953	11.06
21.		Consultancy of Sale of vegetative propagation material of fodder grasses	-	-	58106	1.2	58106	1.2
22.		Consultancy on Potential Crops	336	0.61	-	-	336	0.61
23.		Consultancy on Fish and Aquaclutre	23	0.12	-	-	23	0.12
1.	2023-24	Bioefficacy	8	1.64	51	398.26	59	399.91
2.		Biofertilizer	49	5.34	-	-	49	5.34
3.		Commercial Testing	2	1.13	13	78.8	15	79.93
4.		Field visit	9	4.76	2	3.1	11	7.86
5.		Others	29	1.34	-	-	29	1.34
6.		Performance Evaluation	6	1.62	4	6.02	10	7.64
7.		Post Entry Quarantine	12	1.2	-	-	12	1.20
8.		Seed germination	21	0.51	-	-	21	0.51
9.		Seed health testing	133	36.22	26	56.2	159	92.42
10.		Soil and water samples	256	10.71	1	8.26	257	18.97
11.		Variety/Hybrid	5	4.43	25	84.42	30	88.85
12.		Commercializati on	4	2	2	24	6	26
13.		Consultancy of Fruit Ornamental, Vegetable Medicianl and aromatic Plants	-	-	272750	49.92	272750	49.92
14.		Consultancy on PHET	-	-	525	2.08	525	2.08

		Equipments (Coconut Dehusker)						
15.		Consultancy on Mango, Nerale, Tamarind and Cashew grafts	-	-	9496	6.91	9496	6.91
16.		Consultancy on Bee Keeping	-	-	808	7.51	808	7.51
17.		Consultancy on Talc Based Biofertilizers	-	-	19570	195.7	19570	195.7
18.		Consultancy on Liquid biofertilizer	-	-	20634	41.27	20634	41.27
19.		Consultancy on Seeds of cerials & Pulses	-	-	18623	51.78	18623	51.78
20.		Consultancy of Sale of Areca nut, Chaya roored cutting, Agase, Mango root stock, drum stick plants	1294	0.28	-	-	1294	0.28
21.		Consultancy on Vermi Compost	-	-	181300	23.89	181300	23.89
22.		Consultancy of Sale of vegetative propagation material of fodder grasses	-	-	118525	4.3	118525	4.3
23.		Consultancy on Potential Crops	-	-	1078	2.08	1078	2.08
24.		Consultancy on Fish and Aquiculture	38	0.11			38	0.11
1.	2024-25	Bioefficacy	9	1.63	23	171.07	32	172.70
2.		Biofertilizer	48	5.08	-	-	48	5.08
3.		Commercial Testing	1	0.91	19	114.43	20	115.34

4.		Field visit	8	3.22	0	0	8	3.22
5.		Others	16	1.27	3	10.38	19	11.65
6.		Performance Evaluation	26	11.66	7	10.7	33	22.36
7.		Post Entry Quarantine	21	1.71	-	-	21	1.71
8.		Seed germination	38	0.92	-	-	38	0.92
9.		Seed health testing	133	41.58	51	100.88	184	142.46
10.		Soil and water samples	279	11.09	1	8.26	280	19.35
11.		Variety/Hybrid	3	2.51	23	79.7	26	82.21
12.		Commercializati on	4	2.55	4	13	8	15.55
13.		Consultancy of Fruit Ornamental, Vegetable Medicianl and aromatic Plants	-	-	255022	44.41	255022	44.41
14.		Consultancy on PHET Equipments (Coconut Dehusker)	37	0.38	-	-	37	0.38
15.		Consultancy on Mango, Nerale, Tamarind and Cashew grafts	-	-	9100	6.64	9100	6.64
16.		Consultancy on Bee Keeping	-	-	236	3.67	236	3.67
17.		Consultancy on Talc Based Biofertilizers	-	-	27376	273.76	27376	273.76
18.		Consultancy on Liquid biofertilizer	-	-	24244	48.49	24244	48.49
19.		Consultancy on Seeds of cerials & Pulses	-	-	17600	65.56	17600	65.56

20.		Consultancy of Sale of Areca nut, Chaya rooted cutting, Agase, Mango root stock, drum stick plants	-	-	22561	8.13	22561	8.13
21.		Consultancy on Vermi Compost	-	-	223541	29.9	223541	29.9
22.		Consultancy of Sale of vegetative propagation material of fodder grasses	-	-	125240	2.95	125240	2.95
23.		Consultancy on Potential Crops	-	-	659	1.08	659	1.08
24.		Consultancy on Fish and Aquiculture	59	0.36			59	0.36
1.	2025-26	Bioefficacy	9	46.01	8	91.2	17	137.21
2.		Biofertilizer	40	3.26	3	0.13	43	3.39
3.		Commercial Testing	3	9.02	2	6.51	5	15.53
4.		Field visit	7	4.07	-	-	7	4.07
5.		Others	24	1.98	1	-	25	1.98
6.		Performance Evaluation	13	10.36	1	2	14	12.36
7.		Post Entry Quarantine	9	1.06	2	0.12	11	1.18
8.		Seed germination	34	0.9	2	0.38	36	1.28
9.		Seed health testing	169	72.71	42	57.14	211	129.85
10.		Soil and water samples	203	8.72	4	1.72	207	10.44
11.		Variety/Hybrid	1	1.77	8	29.54	9	31.31
12.		Commercialization	1	0.55	7	57	8	57.55
13.		Consultancy of Fruit Ornamental,	-	-	140729	36.9	140729	36.9

		Vegetable Medicianl and aromatic Plants						
14.		Consulancy on Coconut Samplings	425	0.64	-	-	425	0.64
15.		Consultancy on PHET Equipments (Coconut Dehusker)	-	-	-	-	-	-
16.		Consultancy on Mango, Nerale, Tamarind and Cashew grafts	-	-	3526	2.69	3526	2.69
17.		Consultancy on Bee Keeping	38	0.61			38	0.61
18.		Consultancy on Talc Based Biofertilizers	-	-	19443	194.43	19443	194.43
19.		Consultancy on Liquid biofertilizer	-	-	16804	16.8	16804	16.8
20.		Consultancy on Seeds of cerials & Pulses	-	-	10763	41.24	10763	41.24
21.		Consultancy of Sale of Areca nut, Chaya roored cutting, Agase, Mango root stock, drum stick plants	-	-	27192	3.78	27192	3.78
22.		Consultancy on Vermicompost	-	-	165272	23.72	165272	23.72
23.		Consultancy of Sale of vegetative propagation material of fodder grasses	-	-	34210	1.89	34210	1.89
24.		Consultancy on Potential Crops	182	0.34	-	-	182	0.34

25.		Consultancy on Fish and Aquaculture	120	0.86	-	-	120	0.86
CoS, Chintamani								
1.	2021-22	Revolving fund operated at Campus	03	2.11	-	-	03	2.11
2.	2022-23		01	0.73	02	4.70	03	5.43
3.	2023-24		02	0.98	01	9.49	03	10.48
4.	2024-25		01	0.94	01	2.30	02	3.24
5.	2025-26		02	0.56	03	8.37	05	8.93
		Grand Total		**400.43**		**4940.58**		**5340.96**

List of major firms, farmers and government organizations associated with University

Sl. No.	Name of the academic industry interface	Services provided by the University	Benefits derived by University i.e., Resource generated (Rs. In Lakhs)					
			2021- 22	2022- 23	2023- 24	2024 - 25	2025- 26	Grand Total
Department of Agricultural Microbiology, CoA, GKVK								
1.	M/s Natural Hive	Microbial and Nutrient analysis of Mushroom spent manure	-	-	-	0.020	-	0.020
2.	M/s Greentech irrigation	Analysis of liquid biofertilizers	-	-	-	0.015	-	0.015
Department of Plant Pathology, CoA, GKVK								
1	M/s MAA Floritech	Post Entry Quarantine certificate	NA	NA	2.01	2.36	1.30	5.66
2	M/s Enticing Flowers							
3	M/s H G Gugle Biotech Pvt. Ltd.							
4	M/s Green Line							
5	M/s Florance Flora Farm							
6	M/s Go Green Bio Plants							
7	M/s KSGS Nursery	Field inspection report	1.77	1.77	1.77	1.77	1.77	8.85
8	M/s Kalpavriksha oil Palm Pvt. Ltd.							
9	M/s Crazy flora							
10	M/s Charoen pokhand seeds Pvt ltd							
11	M/s Patanjali foods Pvt. Ltd.							
12	AVT Naturals Products Ltd.							
13	Indo Americans Pvt. Ltd.							
14	Namdhari Seeds Pvt. Ltd.							
15	Monsoon Crop Science Pvt. Ltd.							
16	Ranbo Flora Pvt. Ltd.							

17	M/S Nongwoo Seed India Pvt. Ltd.							
18	M/S Green Sure Fertichem							
19	M/S West –in-Avo Nurseries							
20	M/s PYR International Hesaraghatta	Seed Health Sample Analysis	NA	NA	46.24	144.34	128.05	318.64
21	Bramas Enterprises Nagashetti Halli Bangalore							
22	M/s Syngenta India. Ltd. Telangana							
23	M/s Syngenta India, Pvt. Ltd Ranebennur Dist. Haveri Karnataka							
24	M/s Nunhems India Pvt. Ltd Hyderabad, Telangana							
25	M/s Monsanto Holdings Pvt. Ltd, Maharashtra							
26	M/s Monsanto Holdings Pvt. Ltd, (TS.) Hyderabad							
27	M/s Monsanto Holdings Pvt. Ltd. Chikkaballapura Dist. Karnataka							
28	M/s B S V seeds Vijaypura, Karnataka							
29	Advanta Enterprises Limited Hyderabad							
30	M/s Growmore Bio-tech Ltd Hosur, Tamil Nadu							
31	M/s East West seeds India Pvt. Ltd., Aurangabad							
32	M/s Pioneer Hi-Bred Pvt. Ltd. Madhapur, Telangana							
33	M/s Sakata seeds India Pvt. Ltd., Doddaballapura, Bangalore							
34	Ananta Vegetable Seeds Pvt. Ltd., Maharashtra, India							
35	M/s Sagi seeds Pvt. Ltd. Medchal, Hyderabad							
36	M/s Charoen Pokphand Seeds (India) Pvt. Ltd. Tippasandra, Bangalore							

37	M/s Nuziveedu Seeds Ltd. Medchal Dist.Telangana							
38	M/s United Genetics India Pvt. Ltd., Bangalore							
39	M/s DevkishanjiVektaji Seeds Ahmedabad							
40	M/s Vivanta seeds Pvt. Ltd. Tumkur Road, Bangalore							
41	H M Clause India Pvt. Ltd. Telangana							
42	Akshara Seeds and Services Davanagere							
43	M/s Tan Flora Infrastructure Park Ltd., Krishnagiri, Tamilnadu							
44	M/s Springtime Flora Pvt. Ltd Tathawade, Pune							
45	M/s Nangwoo Seed India Pvt. Ltd., Bangalore Rural District							
46	Deslan Agro Pvt. Ltd MohallaKahaeanm Dampur, UP							
47	Rise 'N' Shine Bioform International LLP Pune							
48	M/s Acsen Agri science Pvt. Ltd., Gurgaon, Haryana							
49	M/s Painganga Seeds Pvt. Ltd., Maharashtra							
50	Chandrakant and Co. Mumbai							
51	H M Clause India Pvt. Ltd. Telangana							
52	M/s Khadakpurna Seeds Pvt. Ltd. Jalna, Maharashtra							
53	M/s K P Agro Services Maharashtra							
54	M/s T. R. and Son's Deesa, Gujarat-385 535							

55	M/s Bayer Crop science Limited, Chikkaballapura							
56	M/s Bayer Science and Innovation Pvt. Ltd. Hyderabad, Telangana							
57	M/s Ichiban Seeds Doddaballapura							
58	Nurture Crop Science LLP, Hebbal, Bangalore							
59	Durga seeds Farm, Chandigarh							
60	Bharat Nursery Pvt. Ltd., Kolkata, West Bengal							
61	M/s K N J Exorts and Imports, Chikkaballapura							
62	AG Bioteck Laboratories (I) Ltd., Miyapur, Hyderabad							
63	Harvest Hybrid seeds Pvt. Ltd. Jalna, Maharashtra							
64	Agronisem seeds Pvt. Ltd. Jalna, Maharashtra							
65	M/s Namdhari seeds Pvt. Ltd. Uragahalli, Bangalore							
66	M/s Pollen seeds Private Limited, Laggere, Bangalore							
67	Sankalpa Agri Enterprises Maharashtra							
68	Planet Crop Genetics Davangere							
69	Bhagyalaxmi Consultancy Aurangabad							
70	Enza Zaden India Pvt. Ltd. Pune, Maharashtra							
71	M/s Known-You Seed (India) Pvt. Ltd., Pune, Maharashtra							
72	M/s Prutvi Seeds Pvt. Ltd., Aurangabad, Maharashtra							
73			NA	NA	0.60	1.14	1.25	2.99

	Dept. of Plant Pathology, UAS, GKVK, Bangalore	Biopesticides (*Trichoderma harzianum and Pseudomonas fluorecens)*			Revolving Fund (50,000)			
74	M/s. Deejay Coconut Farm Pvt. Ltd., Brigade Road, Bangalore	Testing of Fungicides	NA	1.68	7.86	3.22	4.07	16.83
75	Bayer Crop Science Gauribidanur Taluk, Chikkaballapur							
76	Bayer Crop Science Gauribidanur Taluk, Chikkaballapur							
77	M/s Pioneer Hi-Bred Pvt. Ltd., Gowribidanur Taluk, Chikkaballapur (D)							
78	M/s Pioneer Hi-Bred Pvt. Ltd., Gowribidanur Taluk, Chikkaballapur (D)							
79	M/s. Advanta Enterprises Ltd Banjara Hills, Hyderabad							
80	M/s/ Bramas Enterprises Nagashetty halli Bangalore							
81	M/s. Charoen Popkhand Seeds (India) Private Limited, HAL III Stage, Bangalore							
82	M/s Planet Crop Genetics Davangere							
83	M/s. Atlas Seeds and Services, Vidyagiri, Bagalkot							
84	M/s. BSV Seeds Vijayapura, Bijapur, Karnataka							
85	M/s. Sagi Seeds Pvt Ltd., Medchal Hyderabad, Telangana							
86	M/s. PYR International Logistics Hesaraghatta							
87	M/s Bayer Science and Innovation Private Limited Medchal District, Hyderabad							

88	M/s Namdhari Seeds Pvt. Ltd. Uragahalli, Bidadi, Bangalore							
89	M/s Namdhari Seeds Pvt. Ltd. Uragahalli, Bidadi, Bangalore							
90	M/s Bayer Science and Innovation Private Limited, Medchal District Hyderabad							
91	M/s Pioneer Hi-Bred Pvt. Ltd., Gowribidanur Taluk, Chikkaballapur (D)							
92	M/s Bayer Science and Innovation Private Limited Medchal District, Hyderabad							
93	M/s. Nongwoo Seed India Pvt. Ltd., Doddaballapura Taluk Bangalore							
94	Monsanto Holdings Pvt. Ltd., Medchal District Hyderabad							
95	M/s Namdhari Seeds Pvt. Ltd. Uragahalli, Bidadi, Bangalore							
96	M/s Genovo Hybrid Seeds Pvt. Ltd., Hesaraghatta							
97	M/s Bayer Science and Innovation Private Limited Medchal District Hyderabad							
98	M/s Namdhari Seeds Pvt. Ltd. Uragahalli, Bidadi, Bangalore							
99	Primara Agritech Attibele, Bangalore							
100	Bayer Crop Science Ltd. Thane, Maharashtra							
101	M/s. Nongwoo Seed India Pvt. Ltd., Kasaba Hobli, Doddaballapura							
Department of Apiculture, CoA, GKVK								
1	Farmers Training on Bee Keeping	Training on Bee Keeping	1	-	-	-	-	12.1
2	Skill Development center Sponsored Training Programme on Bee keeping	Training on Bee Keeping	-	-	3.3	-	-	

3	Skill Development center Sponsored Training Programme on Bee keeping	Training on Bee Keeping	-	-	1.5	-	-	
4	Karnataka State Mineral Corporations	Training on Bee Keeping	-	-	-	3.69	-	
5	Farmers Training on Bee Keeping	Training on Bee Keeping	-	-	-	2.61	-	
Department of Food Science and nutrition, CoA, GKVK								
1	Nisarga Naturals	Sale of Technology	0.27	-	-	-	-	2.25
2	Raghu R.S	Sale of Technology	-	0.26	-	-	-	
3	Action aid Bangalore	Sale of Technology	-	0.34	-	-	-	
4	Padmashree Institute of Technology and Management	Academic collaboration	-	-	-	-	-	
5	Reva University	Academic collaboration	-	-	-	-	-	
6	Amrutha K. N.	Sale of Technology	-	-	0.38	-	-	
7	Sowbaghy Enterprises Liminted	Sale of Technology	-	-	-	0.50	-	
8	Narman Fruits Private Limited	Sale of Technology	-	-	-	-	0.50	
Department of Plant Biotechnology, CoA, GKVK								
1	ICARI-NBAIR- Bangalore	PG Research	-	-	-	-	-	-
2	Sri Ram Institute for Industrial Research	Provided contingency for PG Research	-	-	-	-	-	-
3	National Centre for Biological Sciences	PG Research	-	-	-	-	-	-

4	GENE2GO Pvt Ltd. Plant GENOMIQS Platform, C-CAMP, NCBS-TIFR, Bellary Road, Bangalore. PIN: 560065-	PG Research	-	-	-	-	-	-
5	Bayer crop sciences, Manyatha Tech.Park Bangalore	UG Industrial placement	-	-	-	-	-	-
6	Meristem biotech., Rajanakunte, Doddaballapuara	UG Industrial placement	-	-	-	-	-	-
7	ICAR-Indian institute for soybean research-Indore	PG Research	-	-	-	-	-	-
8	Green Square Technologies, Doddaballapura	UG Industrial placement	-	-	-	-	-	-
9	Chethan labs , Chikkagubbi, Bangalore -77	PG Research	-	-	-	-	-	-
10	Promolecular Sciences, Bangalore	PG Research	-	-	-	-	-	-
11	ICAR-IIHR, Bangalore	PG Research	-	-	-	-	-	-
12	ICAR-IISR, GKVK, Bangalore	PG Research	-	-	-	-	-	-
Department of Horticulture, CoA, GKVK								
1	Ekalavya Nursery, Kasaghatta, Hessaraghatta, Bangalore Urban	UG Industrial placement	-	-	-	-	-	-
2	Bharat Electronics limited, Bangalore	UG Industrial placement	-	-	-	-	-	-
3	Hithkari Nursery, Linganahalli Road, Bangalore	UG Industrial placement	-	-	-	-	-	-
4	Emphasis Landscape and Design, Doddaballapur Road, Bangalore	UG Industrial placement	-	-	-	-	-	-
5	Bharat Electronics limited, Bangalore	UG Industrial placement	-	-	-	-	-	-
6	Ekalavya Nursery, Kasaghatta, Hessaraghatta, Bangalore Urban	UG Industrial placement	-	-	-	-	-	-
7	Emphasis Landscape and Design, Doddaballapur Road, Bangalore	UG Industrial placement	-	-	-	-	-	-

8	Bharat Electronics limited, Bangalore	UG Industrial placement	-	-	-	-	-	-
9	Emphasis Landscape and Design, Doddaballapur Road, Bangalore	UG Industrial placement	-	-	-	-	-	-
10	Ekalavya Nursery, Kasaghatta, Hessaraghatta, Bangalore Urban	UG Industrial placement	-	-	-	-	-	-
11	Bangalore Nursery, Devanahalli Taluk, Bangalore	UG Industrial placement	-	-	-	-	-	-
CoAE, GKVK								
1	M/s V.S.T. Tillers Tractors Ltd	Testing of Farm Implements	5.18	-	-	-	-	284.96
2	M/s Madina Welding Works	Testing of Farm Implements	6.48	-	-	-	-	
3	M/s Shubam Agri Implements	Testing of Farm Implements	1.49	-	-	-	-	
4	M/s Jaya Enterprises	Testing of Farm Implements	14.90	-	-	-	-	
5	M/s. Sri Eshaan Agro Traders & Agri Implements	Testing of Farm Implements	5.96	-	-	-	-	
6	M/s V.S.T. Tillers Tractors Ltd	Testing of Farm Implements	4.47	-	-	-	-	
7	M/s Lakshmiranganatha Industries	Testing of Farm Implements	2.98	-	-	-	-	
8	M/s Bharath Industries	Testing of Farm Implements	1.49	-	-	-	-	
9	M/s Shree Shiva Tractors & Trailors	Testing of Farm Implements	5.96	-	-	-	-	
10	M/s Sri Marulasiddeshwara Agro Equipments	Testing of Farm Implements	2.98	-	-	-	-	
11	M/s Sri Venkateshwara Engineering Works	Testing of Farm Implements	2.98	-	-	-	-	

12	M/s V.S.T. Tillers Tractors Ltd	Testing of Farm Implements	-	8.94	-	-	-	
13	M/s Sandeep Agro works	Testing of Farm Implements	-	3.51	-	-	-	
14	M/s Mineerva Multitech mars	Testing of Farm Implements	-	5.14	-	-	-	
15	M/s Bhoomi Agro Tech Office & Works	Testing of Farm Implements	-	1.71	-	-	-	
16	M/s Madina Welding Works	Testing of Farm Implements	-	-	3.94	-	-	
17	M/s Sitaram agro Engineering	Testing of Farm Implements	-	-	1.97	-	-	
18	M/s Anuradha Krushi Kendra	Testing of Farm Implements	-	-	3.94	-	-	
19	M/s Innovative India Agrity Pvt. Ltd	Testing of Farm Implements	-	-	0.29	-	-	
20	M/s Bst agrotech	Testing of Farm Implements	-	-	3.94	-	-	
21	M/s.Sri Lakshmi Venkateshwara Industries	Testing of Farm Implements	-	-	3.94	-	-	
22	M/s. Fortune House	Testing of Farm Implements	-	-	5.91	-	-	
23	M/s. Shubam Agri Implements	Testing of Farm Implements	-	-	2.81	-	-	
24	M/s. Tulsi Traders	Testing of Farm Implements	-	-	13.79	-	-	
25	M./S. Green Leaf	Testing of Farm Implements	-	-	1.97	-	-	
26	M/s Sri Venkateshwara Engineering Works	Testing of Farm Implements	-	-	5.91	-	-	

27	M/S. Raghavendra Welding Works	Testing of Farm Implements	-	-	5.91	-	-	
28	M/s. Sri Eshaan Agro Traders & Agri Implements	Testing of Farm Implements	-	-	19.70	-	-	
29	M/s. V Agro Tech	Testing of Farm Implements	-	-	7.88	-	-	
30	M/s. Shri Sai Industries	Testing of Farm Implements	-	-	5.91	-	-	
31	M/s. Pawan Agro Power tillers	Testing of Farm Implements	-	-	-	13.99	-	
32	M/s. Sri Eshaan Agro Traders & Agri Implements	Testing of Farm Implements	-	-	-	4.64	-	
33	M/s. Shiva Irrigation System	Testing of Farm Implements	-	-	-	15.33	-	
34	M/s. Paama Agrico Pvt.ltd	Testing of Farm Implements	-	-	-	6.80	-	
35	M/s. S.R. Agro Tech	Testing of Farm Implements	-	-	-	18.24	-	
36	M/s Sri Venkateshwara Engineering Works	Testing of Farm Implements	-	-	-	22.77	-	
37	M/s.Kiran Engineering works	Testing of Farm Implements	-	-	-	11.33	-	
38	M/s Mineerva Multitech mars	Testing of Farm Implements	-	-	-	1.33	-	
39	M/s.ICS Merchandise Private Limited	Testing of Farm Implements	-	-	-	2.67	-	
40	M/s.FORTUNE Agro Impex	Testing of Farm Implements	-	-	-	2.67	-	
41	M/s.Anuradha Krushi Kendra	Testing of Farm Implements	-	-	-	0.91	-	

42	M/s.Sri Lakshmi Venkateshwara Industries	Testing of Farm Implements	-	-	-	2.27	-	
43	M/s.N.B.R.Engineering Works	Testing of Farm Implements	-	-	-	2.27		
44	M/s.Bhoomi Agro Tech	Testing of Farm Implements	-	-	-	2.27		
45	M/S. Hegde Agrotech (Kadle) Pvt.Ltd.	Testing of Farm Implements	-	-	-		1.44	
46	M/S. Bharat Agro Engineering	Testing of Farm Implements	-	-	-		5.01	
47	M/S. Maa Chandika Engineering Works	Testing of Farm Implements	-	-	-		2.57	
48	M/s.Kiran Engineering works	Testing of Farm Implements	-	-	-		0.18	
49	M/s.ICS Merchandise Private Limited	Testing of Farm Implements	-	-	-		6.33	
Directorate of Research, UAS Bangalore								
1.	A.G. Biotek Laboratories Private Limited, Hyderabad	Seed health testing	0.00	0.00	0.00	0.29	0.00	0.29
2.	Abrar Engineering Corporation, Madikeri	Performance Evaluation	0.00	0.00	0.00	0.00	2.21	2.21
3.	Achyutha Innovations, Tumakuru	Bioefficacy	0.00	0.00	0.00	3.54	0.00	3.54
4.	ADAMA India Private Limited, Telangana	Bioefficacy	55.80	37.47	0.00	18.59	8.14	120.00
		Evaluation of Variety/Hybrid	0.00	0.62	0.00	0.00	0.00	0.62
5.	Advanta Enterprises Limited, Hyderabad	Commecialization of Finger millet: GPU-66, KMR-630, KMR-340, KMR-316, KMR-204, Proso Millet: GPUP-28, GPUP-32, Little Millet:	0.00	0.00	0.00	10.00	0.00	10.00

		GPUL-6, GPUL-11 and Foxtail Millet: GPUF-3						
		Evaluation of Variety/Hybrid	1.24	3.45	9.74	19.47	5.31	39.21
		Field visit	0.00	0.00	0.44	0.00	0.00	0.44
		Seed health testing	0.00	0.00	0.08	0.24	0.04	0.36
6.	Agreveal Crop Science Services, Telangana	Bioefficacy	0.00	0.00	0.00	0.00	3.54	3.54
7.	Agrigenetics Private Limited, Hyderabad	Evaluation of Variety/Hybrid	1.86	0.00	0.00	0.00	0.00	1.86
8.	Amar Seeds Private Limited, Pune	Commercialization of HA-5 Field Bean (Avare)	0.00	0.00	0.00	0.00	1.00	1.00
9.	Amrutha,K.N., Chitradurga	Commecialization of Gluten free cookies, Coconut flour nutria stripes, Low fat foxtail millet biscuit with whey protein concentrate	0.00	0.39	0.00	0.00	0.00	0.39
10.	Annapoorna Sales & Service, Chikkamagaluru	Performance Evaluation	0.00	0.00	0.00	0.35	1.65	2.00
11.	Anuradha Krushi Kendra, Chickballapur	Testing	0.00	0.00	4.78	0.91	0.00	5.69
12.	Anurag Industries and Corporation, Bengaluru	Commecialization of High capacity tamarind dehuller	0.00	0.00	0.00	1.00	0.00	1.00
		Commecialization of Multi-crop processing machine	0.00	0.00	0.00	1.00	0.00	1.00

		Commecialization of Tamarind deseeder	0.00	0.00	0.00	1.00	0.00	1.00
		Evaluation of Variety/Hybrid	2.57	7.79	4.67	1.77	0.00	16.80
13.	Ashoka Farm Aids, Doaddaballapura	Evaluation of Variety/Hybrid	0.00	0.00	0.00	0.00	1.73	1.73
14.	Atlas Seeds & Services, Bagalkot	Field visit	0.00	0.00	0.89	0.00	0.00	0.89
15.	Avish Agricare India Private Limited, Bengaluru Rural	Evaluation of Variety/Hybrid	0.00	0.89	1.77	0.00	0.00	2.66
16.	AVT Naturals Products Limited, Bengaluru	Post Entry Quarantine	0.00	0.00	0.00	0.12	0.06	0.18
17.	Aycos Life Sciences, Bengaluru	Bioefficacy	0.00	0.00	3.27	0.00	0.00	3.27
18.	Bacalt BioSciences Private Limited, Bengaluru	Bioefficacy	0.00	0.00	6.00	0.00	0.00	6.00
19.	Bannari Amman Sugars Limited, Tamilnadu	Biofertilizer	0.30	0.30	0.41	0.43	0.43	1.88
20.	Basaveshwara Engineers, Bengaluru	Performance Evaluation	0.00	0.75	0.00	0.00	0.00	0.75
21.	BASF India Limited, Mumbai	Bioefficacy	5.84	21.83	16.52	10.62	9.72	64.53
22.	Bayer Crop Science Limited, Bengaluru	Bioefficacy	17.26	2.66	20.65	18.50	0.00	59.06
		Evaluation of Variety/Hybrid	0.71	0.00	0.00	0.00	0.00	0.71
		Field visit	0.00	0.80	0.40	1.77	1.77	4.73
		Seed health testing	0.00	0.23	0.43	0.30	0.37	1.33
23.	Bharat Agro Engineering, Maharashtra	Commercial Testing	0.00	0.00	0.00	0.00	5.01	5.01
24.	Bharat Certis Agri Science Limited, New Delhi	Bioefficacy	0.00	0.00	5.40	0.00	12.31	17.71
25.	Bharath Industries, Chamarajanagar	Testing	1.49	0.00	0.00	0.00	0.00	1.49
26.	Bhoomi Agro Tech, Davangere	Testing	0.00	1.71	0.00	2.27	0.00	3.98
27.	Bio Organics Private Limited, Kolkata	Bioefficacy	5.51	0.00	0.00	0.00	0.00	5.51
28.	Biostadt India Limited, Mumbai	Bioefficacy	3.10	3.10	0.00	0.00	0.00	6.20

29.	Biotech Private Limited, Bengaluru	Post Entry Quarantine	0.00	0.00	0.00	0.06	0.00	0.06
30.	Boweing Cargo Movers, New Delhi	Seed health testing	0.00	0.00	0.00	2.15	3.28	5.42
31.	Bramas Enterprises, Bengaluru	Field visit	0.00	0.00	0.44	0.00	0.00	0.44
32.		Seed health testing	0.00	0.00	3.41	33.18	41.49	78.09
33.	BST Agrotech, Gujarat	Testing	0.00	0.00	1.97	0.00	0.00	1.97
34.	BSV Seeds, Bijapur	Field visit	0.00	0.00	1.33	0.00	0.00	1.33
35.	Bullwork Mobility Private Limited, Bengaluru	Performance Evaluation	0.00	0.00	0.00	0.00	0.35	0.35
36.	Capital Shipping Private Limited, Bengaluru	Seed health testing	0.00	0.00	0.00	0.09	0.00	0.09
37.	Centre for Natural Biological, Bengaluru	Evaluation of Variety/Hybrid	6.39	0.00	0.00	0.00	0.00	6.39
38.	Charoen Popkhand Seeds, Bengaluru	Evaluation of Variety/Hybrid	3.73	1.77	7.08	0.00	5.31	17.89
		Field visit	0.00	0.00	0.06	0.00	0.00	0.06
		Post Entry Quarantine	0.00	0.00	0.06	0.06	0.00	0.12
		Seed health testing	0.00	0.94	0.43	0.61	0.54	2.51
39.	CorelP Legal Services Private Limited, New Delhi	Bioefficacy	0.00	0.00	0.00	10.00	0.00	10.00
40.	Coromandel International Limited, Andhra Pradesh	Bioefficacy	3.94	9.16	2.95	0.00	0.00	16.05
		Evaluation of Variety/Hybrid	0.00	3.54	0.00	0.00	0.00	3.54
41.	Corteva Agriscience India Private Limited, Telangana	Bioefficacy	0.00	0.00	10.62	7.08	0.00	17.70
42.	Crazy Flora, Bengaluru	Post Entry Quarantine	0.00	0.00	0.06	0.06	0.00	0.12
43.	Criyagen Agri & Biotech Private Limited, Tumakuru	Bioefficacy	0.00	6.20	0.00	0.00	0.00	6.20
44.	Crystal Crop Protection Limited, Telangana	Evaluation of Variety/Hybrid	0.00	0.00	2.66	0.00	0.00	2.66

45.	Davangere and Chitradurgas regional Copperative organic farmers associations federation Limited, Davangere	Commecialization of Protein fortified sorghum flakes	0.00	0.00	0.50	0.00	0.00	0.50
		Commecialization of Protein fortified foxtail millet flakes	0.00	0.00	0.50	0.00	0.00	0.50
		Commecialization of Protein fortified little millet flakes	0.00	0.00	0.50	0.00	0.00	0.50
		Commecialization of Protein fortified white ragi flakes	0.00	0.00	0.50	0.00	0.00	0.50
46.	Deccan Fine Chemicals (India) Private Limited, Hyderabad	Bioefficacy	1.77	0.00	0.00	0.00	0.00	1.77
47.	Deejay Coconut Farm Private Limited, Bengaluru	Field visit	0.00	0.44	0.00	0.00	0.00	0.44
		Seed health testing	1.33	2.66	0.00	2.00	1.99	7.97
48.	Delta Agrigenetics Pvt.Limited, Hyderabad	Evaluation of Variety/Hybrid	0.00	1.86	0.00	0.00	0.00	1.86
49.	Dhanuka Agritech Limited, Gurgaon	Bioefficacy	0.00	0.00	0.00	6.94	18.10	25.03
50.	Dhanvi Agri Genetics Private Limited, Telangana	Evaluation of Variety/Hybrid	0.00	0.00	0.00	2.66	0.00	2.66
51.	Dow Agrosciences India Private Limited, Telangana	Bioefficacy	43.37	0.00	0.00	0.00	0.00	43.37
52.	East West Seeds India Private Limited, Aurangabad	Seed health testing	0.00	0.00	0.00	0.00	0.16	0.16
53.	Easy Life Enterprises, Udupi	Performance Evaluation	0.00	0.00	0.00	0.71	0.53	1.24
54.	EF Polymer Private Limited, Udaipur	Bioefficacy	0.00	0.00	0.00	3.48	0.00	3.48
55.	Eldorado Agritech Private Limited, Hyderabad	Seed health testing	0.00	0.00	0.00	0.00	0.31	0.31
56.	Electro – Mech Corporation, Bengaluru	Performance Evaluation	0.00	0.00	0.35	0.00	0.00	0.35

57.	Enticing Flowers Private Limited, Bengaluru	Post Entry Quarantine	0.00	0.00	0.06	0.18	0.00	0.24
58.	Enza Zaden India Private Limited, Maharashtra	Seed health testing	0.00	0.00	0.00	0.00	0.77	0.77
59.	Eshaan Agro Traders and Agri Implement Manufacturing, Kadur	Performance Evaluation	0.00	0.00	0.00	0.53	0.00	0.53
60.	Eshaan Agro Traders and Agri Implement Manufacturing, Kadur	Testing	5.96	0.00	0.00	4.64	0.00	10.60
61.	Eshaan Agro Traders and Agri Implement Manufacturing, Kadur	Testing	0.00	0.00	19.70	0.00	0.00	19.70
62.	F & F Farmer's First, Dharwad	Others	0.00	1.42	0.00	0.00	0.00	1.42
63.	Farmer Agrotech, Chikkamagaluru	Performance Evaluation	0.00	0.00	0.44	0.18	0.00	0.62
64.	Farmjyot Enterprises, Bengaluru	Performance Evaluation	0.00	0.44	0.00	0.00	0.00	0.44
65.	Fertis India Private Limited, Hyderabad	Soil and water Samples	0.00	0.00	0.19	0.00	1.06	1.26
66.	Florance flora Farm, Bengaluru	Post Entry Quarantine	0.00	0.00	0.00	0.06	0.00	0.06
		Seed health testing	0.00	0.00	0.00	0.27	0.25	0.52
67.	FMC India Private Limited, Bombay	Bioefficacy	14.16	0.00	0.00	0.00	0.00	14.16
68.	Fortune Agro Impex, Bengaluru	Testing	0.00	0.00	5.91	2.67	0.00	8.58
69.	Ganga Kaveri Seeds Private Limited, Bengaluru	Evaluation of Variety/Hybrid	14.78	19.91	9.74	11.81	1.77	58.00
		Seed health testing	0.00	0.00	0.00	0.03	0.00	0.03
70.	Genomix Agri Genetics Private Limited, Secunderabad	Evaluation of Variety/Hybrid	0.00	0.00	3.54	0.00	1.77	5.31
71.	Genovo Hybrid Seeds Private Limited, Bengaluru	Field visit	0.00	0.00	0.00	0.00	0.44	0.44
72.	Gharda Chemicals Limited, Maharashtra	Bioefficacy	3.89	44.16	33.46	0.00	19.28	100.80
73.	GK Trading Company, Mangalore	Performance Evaluation	0.00	0.00	0.00	0.53	0.53	1.06
74.	Global Marketing, Bengaluru	Performance Evaluation	0.00	0.18	0.00	0.00	0.00	0.18

75.	Go Green Bio Plants, Bengaluru	Post Entry Quarantine	0.00	0.00	0.06	0.00	0.12	0.18
76.	Godrej Agrovet Limited, Mumbai	Bioefficacy	8.85	19.47	19.47	0.00	0.00	47.79
77.	Godrej Tyson Foods Limited, Bengaluru	Bioefficacy	0.00	7.07	0.00	5.40	0.00	12.47
		Others	2.30	0.00	0.00	0.00	0.00	2.30
78.	Green Biotech, Chikmagalur	Soil and water Samples	1.30	0.00	0.00	0.00	0.00	1.30
79.	Green Care Technologies & Engineering Shivamogga	Performance Evaluation	0.00	0.00	1.24	0.27	0.00	1.50
80.	Green Care Technologies & Engineering, Shivamogga	Performance Evaluation	0.00	0.00	1.59	0.00	0.00	1.59
81.	Green Leaf, Shivamogga	Performance Evaluation	0.00	0.00	1.06	0.00	0.00	1.06
		Testing	0.00	0.00	1.97	0.00	0.00	1.97
82.	Green Sure Fertichem, Bengaluru	Post Entry Quarantine	0.00	0.00	0.00	0.12	0.00	0.12
83.	Greenline Young Plants, Bengaluru	Post Entry Quarantine	0.00	0.00	0.06	0.00	0.00	0.06
84.	Growmore Bio-tech Limited, Tamil Nadu	Seed health testing	0.00	0.00	0.04	0.00	0.00	0.04
85.	Gujarat Farm Seeds Private Limited, Gujarat	Seed health testing	0.00	0.00	0.00	0.33	2.27	2.60
86.	H U Gugle Biotech Private Limited, Bengaluru Rural	Post Entry Quarantine	0.00	0.00	0.06	0.00	0.00	0.06
87.	Hegde Agrotech (Kadle) Private Limited, Honnavar	Commercial Testing	0.00	0.00	0.00	0.00	1.44	1.44
		Performance Evaluation	0.00	0.00	0.00	1.42	0.00	1.42
88.	Hi Yield Agri Genetics Private Limited, Ahmedabad	Evaluation of Variety/Hybrid	1.86	0.00	0.00	0.00	0.00	1.86
89.	Hoysala Agri. Mart, Hassan	Performance Evaluation	0.00	0.00	0.00	0.18	0.00	0.18
90.	Hydrogreens Agri Solution Private Limited, Bengaluru	Others	0.00	0.00	0.00	2.12	0.00	2.12

91.	Hytech Seeds India Private Limited, Telangana	Seed health testing	0.00	0.00	0.00	0.03	0.00	0.03
92.	ICAR-Central Institute for Women in Agriculture, Bhubaneswar	Performance Evaluation	0.00	0.00	0.00	1.98	0.00	1.98
93.	Ichiban Seeds, Bengaluru	Seed health testing	0.00	0.00	0.22	0.29	0.75	1.26
94.	ICL Management & Trading India Private Limited, Maharashtra	Commercial Testing	0.00	0.00	0.00	0.00	6.33	6.33
		Bioefficacy	0.00	0.00	3.21	0.00	0.00	3.21
		Testing	0.00	0.00	0.00	2.67	0.00	2.67
95.	Indian Farmers Fertiliser Cooperative Limited, Bengaluru	Bioefficacy	13.81	0.00	0.00	0.00	0.00	13.81
96.	Indian Oil Corporation Limited, Bengaluru	Bioefficacy	0.00	0.00	0.00	2.07	0.00	2.07
97.	Indigo Seeds Private Limited, Bengaluru	Evaluation of Variety/Hybrid	0.00	0.97	2.65	0.00	0.00	3.62
98.	Indo American Hybrid Seeds, Bengaluru	Evaluation of Variety/Hybrid	0.00	0.00	0.00	1.77	0.00	1.77
		Post Entry Quarantine	0.00	0.00	0.00	0.12	0.12	0.24
		Seed health testing	0.00	0.00	0.00	0.03	0.00	0.03
99.	Indofil Industries Limited, Mumbai	Bioefficacy	35.71	28.26	0.00	0.00	0.00	63.96
100.	INERA Cropscience Private Limited, Haryana	Bioefficacy	0.00	0.00	22.99	11.27	0.00	34.26
101.	Innomech Technologies, Bengaluru	Performance Evaluation	0.00	0.00	0.00	0.53	0.00	0.53
102.	Innovative India Agrity Private Limited, Hubli	Testing	0.00	0.00	0.29	0.00	0.00	0.29
103.	Insecticides (India) Limited, Delhi	Bioefficacy	0.00	14.16	14.16	7.08	0.00	35.40
104.	International Clearing & Shipping Agency (India) Private Limited, Bengaluru	Seed health testing	0.00	0.00	0.00	0.00	0.18	0.18
105.	Inventree Solutions, Bengaluru	Performance Evaluation	0.00	0.00	0.00	0.71	0.00	0.71

106.	ISK Biosciences India Private Limited, New Delhi	Bioefficacy	0.00	0.00	5.90	0.00	0.00	5.90
107.	J.E.C. Engineers, Tarikere	Performance Evaluation	0.00	4.43	0.00	0.00	0.00	4.43
108.	Jai Bhavani Engineering Industries, Mysore	Performance Evaluation	0.18	0.00	0.00	0.00	0.00	0.18
109.	Janasakthi Hybrid Seeds Hyderabad	Evaluation of Variety/Hybrid	0.00	0.89	0.00	0.00	0.00	0.89
110.	Janasakthi Hybrid Seeds, Hyderabad	Evaluation of Variety/Hybrid	0.00	0.62	0.00	0.00	0.00	0.62
111.	Jaya Enterprises, Tumakuru	Testing	14.90	0.00	0.00	0.00	0.00	14.90
112.	Jayalakshmi Fertilisers, Andhra Pradesh	Bioefficacy	0.00	3.24	0.00	0.00	0.00	3.24
113.	Jeebajala Farmers Producers Company Limited, Tumukuru	Commecialization of High Fibre Nutri Mix	0.22	0.00	0.00	0.00	0.00	0.22
114.	JU Agri Sciences Private Limited, Uttar Pradesh	Bioefficacy	0.00	0.00	9.09	0.00	0.00	9.09
		Soil and water Samples	0.00	2.95	0.00	0.00	0.00	2.95
115.	K N J Exports and Imports, Chikkaballapura	Seed health testing	0.00	0.00	0.16	0.00	0.00	0.16
116.	K S G S Farm & Nursery, Tamil Nadu	Post Entry Quarantine	0.00	0.00	0.06	0.00	0.00	0.06
117.	Kalpavriksha Oil Palm Private Limited, Davanagere	Post Entry Quarantine	0.00	0.00	0.30	0.00	0.00	0.30
118.	Kampadhagadde Agrotech, Shimogga	Performance Evaluation	0.00	0.00	0.00	0.35	0.00	0.35
119.		Testing	1.59	0.00	0.00	0.00	0.00	1.59
120.	Karnataka Fertiliser Manufacturers Association, Bengaluru	Bioefficacy	2.20	0.00	0.00	0.00	0.00	2.20
121.	Kaveri Seed Company Limited, Davangere	Evaluation of Variety/Hybrid	2.04	4.43	11.33	14.51	4.86	37.16
122.	Kiran Engineering Works, Ranebenuur	Commercial Testing	0.00	0.00	0.00	0.00	0.18	0.18
		Testing	0.00	0.00	0.00	11.33	0.00	11.33

123.	Kisan Agro Tech, Ranebennur	Comercialization of Maize hybrid MAH 15-84	0.00	0.00	0.00	0.00	5.00	5.00
124.	Kodibail Import Export Private Limited, Puttur	Performance Evaluation	0.00	0.00	0.00	0.18	0.00	0.18
125.	Koppert Sustainable Solution (India) Limited, Telangana	Bioefficacy	0.00	2.66	0.00	0.00	0.00	2.66
126.	Krushi Upakhar Shivamogga	Performance Evaluation	0.00	0.00	0.00	0.53	0.00	0.53
127.	L V Enterprises & landscaping, Bengaluru	Soil and water Samples	0.00	0.00	0.00	0.00	0.89	0.89
128.	Lakshmi Machineries, Bengaluru	Performance Evaluation	1.77	0.00	0.00	0.00	0.00	1.77
129.	Laxmi Inputs (India) Private Limited, Bengaluru	Evaluation of Variety/Hybrid	0.00	0.00	0.00	0.00	3.54	3.54
130.	LERC,LPG Equipment Research Bengaluru	Others	0.00	1.62	0.00	0.00	0.00	1.62
131.	Limagrain India Private Limited, Telangana	Evaluation of Variety/Hybrid	0.00	3.89	4.43	0.00	0.00	8.32
132.	Living Seed Technologies LLP Hyderabad	Evaluation of Variety/Hybrid	0.00	0.71	0.00	0.00	0.00	0.71
133.	Maa Chandika Engineering Works, Maharashtra	Commercial Testing	0.00	0.00	0.00	0.00	2.57	2.57
134.	MAA Floritech Tamil Nadu	Post Entry Quarantine	0.00	0.00	0.06	0.00	0.00	0.06
135.	Madina Welding Works, Haveri	Testing	6.48	0.00	3.94	0.00	0.00	10.42
136.	Mahati Seed Sciences Private Limited, Telangana	Evaluation of Variety/Hybrid	0.00	0.00	0.00	0.81	0.00	0.81
137.	Mahyco Private Limited, Mumbai	Evaluation of Variety/Hybrid	0.00	0.00	2.66	0.00	0.00	2.66
138.	MAMCOS, Shivamogga	Performance Evaluation	0.00	0.00	0.00	0.53	0.00	0.53
139.	Maruthi Industries, Coimbatore	Performance Evaluation	0.00	0.00	0.00	0.00	0.44	0.44

140.	Meenakshi Agro Chemicals, Hyderabad	Bioefficacy	0.00	4.10	0.00	11.99	0.00	16.09
141.	Meghalaya Farmers' (Empowerment) Commission, Govt. of Meghalaya, Shillong	Commecialization of Buckwheat dehuller	0.00	0.00	0.00	0.50	0.00	0.50
142.	Miccro grain, Bengaluru	Commecialization of Ready –to-cook quinoa khara (savory) pongal mix,. Ready –to-cook quinoa bisibelebath mix, Ready-to-cook quinoa khara bath (upma) mix and Ready-to-cook quinoa dhokla mix	0.00	0.00	0.00	0.75	0.00	0.75
143.	Microbi Agrotech Private Limited, Bengaluru	Bioefficacy	0.00	0.00	11.83	0.00	0.00	11.83
144.	Minerva Multitech Mars, Tumakuru	Performance Evaluation	0.00	0.18	0.00	0.00	0.00	0.18
145.		Testing	0.00	5.14	0.00	1.33	0.00	6.48
146.	Ministry of Defence (DGQA), Chief Quality Assurance Estt, Bengaluru	Bioefficacy	0.00	0.52	0.71	0.78	0.42	2.44
147.	Mithra Biotech, Andhra Pradesh	Bioefficacy	0.00	0.00	2.95	0.00	0.00	2.95
148.	MM Agri Inputs, Tumakuru	Bioefficacy	0.97	0.00	0.00	0.00	0.00	0.97
149.	Monsanto Holding Private Limited, Bengaluru	Field visit	0.00	0.00	0.89	0.00	0.00	0.89
		Post Entry Quarantine	0.00	0.00	0.00	0.12	0.06	0.18
150.	Monsoon Crop Science LLP, Maharashtra	Coomercialization of Maize hybrid MAH 15-84	0.00	0.00	0.00	0.00	5.00	5.00
151.	Mrigdhara Agro India Private Limited, Nashik	Bioefficacy	0.00	0.00	0.00	0.00	2.66	2.66
152.	Multiplex Bio-Tech Private Limited, Bengaluru	Bioefficacy	4.58	0.00	0.00	0.00	0.00	4.58

153.	N.B.R. Engineering Works, Davanagere	Testing	0.00	0.00	0.00	2.27	0.00	2.27
154.	Namdhaari Seeds Private Limited, Bengaluru	Evaluation of Variety/Hybrid	0.00	0.00	1.63	0.00	0.00	1.63
		Field visit	0.00	0.00	0.00	0.89	0.89	1.77
		Post Entry Quarantine	0.00	0.00	0.00	0.06	0.00	0.06
		Seed health testing	0.00	0.00	0.00	0.95	2.04	2.98
155.	Nano Fertilizers Private Limited, New Delhi	Bioefficacy	0.00	0.00	0.00	6.85	0.00	6.85
156.	NAOMIKA & Co., Bengaluru	Performance Evaluation	0.00	0.00	0.00	0.07	0.00	0.07
157.	Narman Foods Private Limited, Bengaluru	Commecialization of Gluten free roti mix	0.00	0.00	0.00	0.00	0.55	0.55
158.	National Dairy Development Board and Karnataka, Cooperative Oilseeds Growers' Federation, Bengaluru	Commecialization of sunflower hybrid KBSH-41	0.00	10.00	0.00	0.00	0.00	10.00
		Commecialization of Sunflower Hybrid KBSH-78	0.00	10.00	0.00	0.00	0.00	10.00
		Commecialization of Sunflower Hybrid KBSH-85	0.00	0.00	12.00	0.00	0.00	12.00
159.	Navbharat Seeds Private Limited, Hyderabad	Evaluation of Variety/Hybrid	0.00	0.00	0.00	1.13	0.00	1.13
160.	Naveen seeds corporation Bengaluru	Evaluation of Variety/Hybrid	0.00	0.00	1.13	0.00	0.00	1.13
161.	NB AGRI EXPORT, Gujarat	Seed health testing	0.00	0.00	0.24	0.96	0.00	1.19
162.	Neelakanteshwara Seeds, Andra pradesh	Evaluation of Variety/Hybrid	0.00	0.00	7.08	1.77	0.00	8.85
163.	Neoko Industries Private Limited, Bengaluru	Evaluation of Variety/Hybrid	0.00	3.72	0.00	0.00	0.00	3.72
164.	Nethra Crop Sciences Private Limited, Bengaluru	Seed health testing	0.00	0.00	0.00	0.11	0.07	0.17
165.	Nichino India Private Limited, Telangana	Bioefficacy	11.68	0.00	0.00	0.00	0.00	11.68

166.	Nisargam Private Limited, Shivamoga	Bioefficacy	2.12	0.00	0.00	0.00	0.00	2.12
167.	NKM(OPC) Private Limited, Bengaluru	Seed health testing	0.00	0.00	0.00	1.00	0.00	1.00
168.	Noble Seeds Private Limited, Bengaluru	Seed health testing	0.00	0.00	0.46	0.00	0.00	0.46
169.	Nongwoo Seed India India Private, Bengaluru Rural	Field visit	0.00	0.00	0.00	0.44	0.44	0.89
		Post Entry Quarantine	0.00	0.00	0.00	0.06	0.06	0.12
		Seed health testing	0.00	0.00	0.11	0.37	2.41	2.89
170.	Novozymes South Asia Private Limited, Bengaluru	Bioefficacy	3.19	9.12	16.99	7.08	0.00	36.37
171.	NSL Sugars Limited, Mandya	Bioefficacy	0.00	8.26	0.00	0.00	0.00	8.26
172.	Nunhems India Private Limited, Bengaluru	Seed health testing	0.00	0.00	0.32	0.00	0.00	0.32
173.	Nurture Crop Science LLP, Bengaluru	Seed health testing	0.00	0.00	0.13	0.00	0.53	0.67
174.	Nutrisukan Biotech Private Limited, Bengaluru	Commecialization of High Fiber Foodmix	0.00	0.22	0.00	0.00	0.00	0.22
175.	OAT & IIL India Laboratories Private Limited, Delhi	Bioefficacy	3.54	0.00	0.00	0.00	0.00	3.54
176.	Omniactive Health Technologies, Bengaluru Rural	Evaluation of Variety/Hybrid	0.00	0.00	0.00	0.00	3.54	3.54
177.	Oxonex Biological Private Limited, Bengaluru	Bioefficacy	0.00	0.00	0.00	0.80	0.00	0.80
178.	Paama Agrico Private Limited, Bengaluru	Testing	0.00	0.00	0.00	6.80	0.00	6.80
179.	Pacifica Crop Breeders Private Limited, Gujarat	Evaluation of Variety/Hybrid	0.00	0.00	0.00	4.43	0.00	4.43
180.	Parna, Ramanagara	Post Entry Quarantine	0.00	0.00	0.00	0.00	0.06	0.06
181.	Patanjali Foods Limited, Mysuru	Post Entry Quarantine	0.00	0.00	0.30	0.30	0.00	0.59
182.	Pawan Agro Power Tiller, Bengaluru	Testing	0.00	0.00	0.00	13.99	0.00	13.99
183.	Penna Seeds Pvt.Limited, Hyderabad	Evaluation of Variety/Hybrid	0.00	0.00	1.77	0.00	0.00	1.77
184.	Pestosys LLP, Pune	Others	0.00	0.00	0.00	5.31	0.00	5.31

185.	PI Industries Limited, Gurgaon	Bioefficacy	0.00	17.70	25.96	5.90	0.00	49.56
186.	Pioneer Hi-Bred Private Limited, Chikkaballapur	Evaluation of Variety/Hybrid	1.42	2.66	0.00	1.77	0.00	5.84
		Field visit	0.00	0.44	0.44	0.12	0.00	1.00
		Post Entry Quarantine	0.00	0.00	0.08	0.00	0.12	0.19
		Seed health testing	0.10	3.42	1.18	0.77	0.34	5.81
187.	Planet Crop Genetics, Davangere	Field visit	0.00	0.00	0.44	0.00	0.00	0.44
188.	Pooja Engineering Works, Chikkamagaluru	Performance Evaluation	0.00	0.00	0.00	0.00	0.35	0.35
189.	Prasad Seeds Private Limited, Telangana	Seed health testing	0.00	0.00	0.00	0.05	0.00	0.05
190.	Primara Agritech, Bengaluru	Field visit	0.00	0.00	0.00	0.00	0.53	0.53
191.	Priya Industries, Davangere	Performance Evaluation	1.77	0.53	2.12	0.00	0.00	4.43
192.	PYR International Logistics, Bengaluru	Field visit	0.00	0.00	1.77	0.00	0.00	1.77
		Seed health testing	0.00	0.00	63.73	52.35	42.60	158.67
193.	Raghavendra Welding Works, Davanagere	Testing	0.00	0.00	5.91	0.00	0.00	5.91
194.	Raghu, R.S., Davangere	Commecialization of Enriched gluten free cookies and Low-fat little millet biscuit with Whey protein concentrate	0.00	0.22	0.00	0.00	0.00	0.22
195.	Rainbow Agrosciences Private, Gujarat	Bioefficacy	50.99	51.39	46.75	0.00	0.00	149.13
196.	Raja G Enterprises, Bengaluru	Bioefficacy	0.00	6.74	6.00	0.00	0.00	12.74
197.	Rallis India Limited, Bengaluru	Bioefficacy	31.03	4.84	31.67	0.00	0.00	67.54
		Evaluation of Variety/Hybrid	0.71	0.00	0.89	1.35	3.48	6.42
198.	Ram Farms, Bengaluru	Seed health testing	0.00	0.00	0.04	0.00	0.00	0.04
199.	Ramcides Crop Science Private Limited, Tamil Nadu	Bioefficacy	14.87	0.00	0.00	6.48	0.00	21.35

200.	Ranbo Flora Private Limited, Hassan	Post Entry Quarantine	0.00	0.00	0.06	0.12	0.00	0.18
201.	Rasi Seeds (P) Limited, Coimbatore	Evaluation of Variety/Hybrid	0.00	0.00	0.00	1.77	0.00	1.77
202.	Rentokil PCI, Bengaluru	Bioefficacy	0.00	0.13	0.00	0.00	0.00	0.13
203.	Renuka Logistics and Cargo Services, Bengaluru	Seed health testing	0.00	0.00	0.08	0.00	0.00	0.08
204.	Rise N Shine Biotech Private Limited, Pune	Seed health testing	0.00	0.00	1.36	0.11	0.00	1.47
205.	Rizwan Seed Company, Punjab	Seed health testing	0.00	0.00	0.00	0.03	0.00	0.03
206.	Rotam Crop Protection Private Limited, Mumbai	Bioefficacy	0.00	0.00	0.00	7.08	7.08	14.16
207.	S A B Agrotech, Bengaluru	Performance Evaluation	0.00	0.00	0.00	0.53	0.00	0.53
208.	S R International, Bengaluru	Seed health testing	0.00	0.00	1.14	0.00	0.00	1.14
209.	S. R. Agro Tech, Tumakuru	Testing	0.00	0.00	0.00	18.24	0.00	18.24
210.	S.G.M. Technologies, Shivamogga	Performance Evaluation	0.00	0.00	0.00	0.53	0.00	0.53
211.	S.S. Machineries, Bengaluru	Bioefficacy	0.89	0.00	0.00	0.00	0.00	0.89
212.	Saanvi Organics, Ahmedabad	Bioefficacy	0.00	0.00	0.00	0.00	2.95	2.95
213.	SABIC R&T India Pvt Limited, Bengaluru	Bioefficacy	0.00	0.00	17.84	18.23	0.00	36.07
214.	Sagi Foods, Bengaluru	Commecialization of Ready –to-cook quinoa khara (savory) pongal mix,. Ready –to-cook quinoa bisibelebath mix,. Ready-to-cook quinoa khara bath (upma) mix and	0.00	0.00	0.00	0.75	0.00	0.75

		Ready-to-cook quinoa dhokla mix						
215.	Sagi Seeds Pvt Limited, Telangana	Field visit	0.00	0.00	0.77	0.00	0.00	0.77
216.	Sakata Seeds India Private Limited, Bengaluru	Seed health testing	0.00	0.00	0.11	0.00	0.00	0.11
217.	Sandeep Agro Works, Maharashtra	Testing	0.00	3.51	0.00	0.00	0.00	3.51
218.	Sarbar Agro Seeds, Gujarat	Seed health testing	0.00	0.00	0.00	0.03	0.00	0.03
219.	Savannah Seeds Private Limited, Hyderabad	Evaluation of Variety/Hybrid	1.42	0.00	1.77	1.77	0.00	4.96
220.	Saya Enterprises, Dakshina Kannada	Performance Evaluation	0.00	0.00	0.00	1.06	1.06	2.12
221.	Sea6 Energy Private Limited, Bengaluru	Bioefficacy	7.37	2.44	0.00	0.00	0.00	9.81
222.	Select Seed Private Limited, Bengaluru	Seed health testing	0.00	0.00	0.00	0.27	1.04	1.31
223.	Shanmukha Agritech Limited, Hyderabad	Bioefficacy	0.00	0.00	11.80	0.00	0.00	11.80
224.	Shilpa Hi tech, Bengaluru	Commercialization of HA-5 Field Bean (Avare)	0.00	0.00	0.00	0.00	1.00	1.00
225.	Shiva Irrigation System, Tumakuru	Testing	0.00	0.00	0.00	15.33	0.00	15.33
226.	Shivson Crop Sciences Private Limited, Bengaluru Urban	Evaluation of Variety/Hybrid	0.00	0.00	1.77	0.00	0.00	1.77
227.	Shree Ranganatha Enterprises, Bengaluru	Commecialization of Ragi malt, Ragi hurihittu and High fibre food mix	0.64	0.00	0.00	0.00	0.00	0.64
		Commecialization of Poustik Laddu	0.64	0.00	0.00	0.00	0.00	0.64
228.	Shree Shiva Tractors & Trailors, Ranebennur	Testing	5.96	0.00	0.00	0.00	0.00	5.96
229.	Shree Thulasi Ranganatha Swamy Tumakuru	Performance Evaluation	0.00	0.00	0.00	0.44	0.00	0.44
230.	Shreeji Protein, Gujarat	Seed health testing	0.00	0.00	0.84	0.00	0.00	0.84
231.	Shri. Anil Kumar, New Delhi	Seed health testing	0.00	0.00	0.00	0.33	0.00	0.33

232.	Shri. Lakshmi Narayana Prasad, Bengaluru	Performance Evaluation	0.00	0.00	0.02	0.00	0.00	0.02
233.	Shri. Sai Industries, Hubli	Testing	0.00	0.00	0.00	5.91	0.00	5.91
234.	Shubam Agri Implements, Chikkaballapur	Testing	0.00	0.00	0.00	1.97	0.00	1.97
235.	Shubam Agri Implements, Chickaballapur	Testing	1.49	0.00	0.00	0.00	0.00	1.49
236.	Siddaganga Oil & Bio Industries, Tumakuru	Biofertilizer	0.53	0.33	0.21	0.18	0.02	1.26
237.	Siddapur Distilleries Limited, Bagalkot	Biofertilizer	0.00	0.00	0.00	0.06	0.00	0.06
238.	Simosis International, Mumbai	Seed health testing	0.00	0.00	0.00	0.04	0.00	0.04
239.	Siri Seeds (India) Private Limited, Hyderabad	Evaluation of Variety/Hybrid	0.00	0.00	3.54	0.00	0.00	3.54
240.	Sitaram Agro Engineering, Gujarath	Testing	0.00	0.00	3.94	0.00	0.00	3.94
241.	Smartchem Technologies Limited, Pune	Bioefficacy	6.20	0.00	0.00	0.00	0.00	6.20
242.	Smartchem Technologies Limited, Pune	Others	6.00	0.00	0.00	0.00	0.00	6.00
243.	SNF Technology, Vijayapur	Others	0.00	0.00	0.00	2.95	0.00	2.95
244.	Sowbhagya enterprises, Bengaluru	Commecialization of Gluten free roti mix	0.00	0.00	0.00	0.55	0.00	0.55
245.	SR International, Bengaluru	Seed health testing	0.00	0.00	10.90	0.00	0.00	10.90
246.	Sri Chamundeswari Sugars Limited, Bengaluru	Bioefficacy	0.00	8.26	8.26	0.00	0.00	16.52
		Soil and water Samples	0.00	0.00	8.26	8.26	0.00	16.52
247.	Sri Channabasaweshwara Agro Tech, Tumukuru	Performance Evaluation	0.44	0.00	0.00	0.00	0.00	0.44
248.	Sri Lakshmi Venkateshwara Industries, Davanagere	Testing	0.00	0.00	3.94	0.00	0.00	3.94
249.	Sri Lakshmiranganatha Industries, Davangere	Testing	2.98	0.00	0.00	0.00	0.00	2.98

250.	Sri Malatesh Krishi Kendra, Ranebennur	Commecialization of Sunflower Hybrid KBSH-85	0.00	0.00	12.00	0.00	0.00	12.00
251.	Sri Manjunatha Swamy Agro Tech, Shivamogga	Performance Evaluation	3.63	0.00	0.00	0.53	0.00	4.16
252.	Sri Marulasiddeshwara Agro, Davangere	Testing	2.98	0.00	0.00	0.00	0.00	2.98
253.	Sri Sai Agro Forestry Associates, Tripur	Seed health testing	0.00	0.00	0.00	0.27	0.00	0.27
254.	Sri Shakti Agrotech, Shivamogga	Performance Evaluation	1.59	0.00	0.00	0.00	0.00	1.59
255.	Sri Venkateshwara Engineering, Davangere	Performance Evaluation	0.00	0.00	0.00	1.50	0.00	1.50
256.		Testing	2.98	0.00	5.91	22.77	0.00	31.66
257.	Sri. Lakshmi Venkateshwara Industries, Davanagere	Testing	0.00	0.00	0.00	2.27	0.00	2.27
258.	Sri. Malthesh Krushi Kendra, Ranebennur	Commercialization of Sunflower hybrid KBSH-90	0.00	0.00	0.00	0.00	12.00	12.00
259.	Srija Agri Genetics, Telangana	Evaluation of Variety/Hybrid	0.00	0.00	1.06	1.77	0.00	2.83
260.	Srikar Biotech Private Limited, Telangana,	Bioefficacy	0.00	0.00	0.00	0.00	18.79	18.79
261.	SRK Ladders, Puttur	Performance Evaluation	0.28	0.00	0.00	2.12	0.27	2.67
262.	SSB Tech, Shivamogga	Performance Evaluation	0.00	0.89	0.00	0.44	0.00	1.33
263.	State lead Karnataka, Action Aid Association, Bengaluru	Commecialization of Moringa (drum stick) dark Chocolate, Moringa green Chocolate, Morinaga rosemary tea and Moringa tulsi green tea	0.00	0.34	0.00	0.00	0.00	0.34

264.	String Bio Private Limited, Bengaluru	Bioefficacy	9.65	7.60	6.38	0.00	0.00	23.63
265.	Sui Bio Foundation, Bengaluru	Bioefficacy	0.00	5.31	0.00	0.00	0.00	5.31
266.	Sukrishi Plantcare LLP, Bengaluru	Bioefficacy	0.00	0.00	0.00	2.95	0.00	2.95
267.	Sulphur Mills Limited, Mumbai	Bioefficacy	45.55	20.24	0.00	0.00	0.00	65.78
268.	Sumitomo Chemical India Limited, Mumbai	Bioefficacy	0.00	0.00	0.00	0.00	22.66	22.66
269.	Sun Rise Industries, Shimoga	Performance Evaluation	0.00	0.00	0.00	2.08	0.00	2.08
270.	Sunshine Crop Science Private Limited, Davangere	Evaluation of Variety/Hybrid	2.66	0.00	0.00	0.00	0.00	2.66
271.	Supriya Agro Tech, Shivamogga	Performance Evaluation	0.00	0.00	0.00	0.00	2.96	2.96
272.	Surya Agri Seeds Private Limited, Bengaluru	Evaluation of Variety/Hybrid	1.15	0.00	0.00	0.00	0.00	1.15
273.	Suryanirbhar Agritech Private Limited, Bengaluru	Performance Evaluation	0.00	0.00	0.00	1.33	0.00	1.33
274.	Syngenta India Limited, Telengana	Bioefficacy	4.87	18.84	16.61	0.00	11.56	51.89
		Evaluation of Variety/Hybrid	0.00	0.00	0.00	2.15	0.00	2.15
		Seed health testing	0.00	0.00	5.28	42.95	20.99	69.23
275.	T. Stanes and Company Limited, Coimbatore	Bioefficacy	0.00	5.66	0.00	0.00	0.00	5.66
276.	Takii Seeds Pvt Limited, Doddaballapur	Seed health testing	0.00	0.00	0.00	0.00	2.66	2.66
277.	TCI Research Private Limited, Bengaluru Rural	Evaluation of Variety/Hybrid	0.00	0.00	0.89	0.00	0.00	0.89
278.	Telluris Biotech India Private Limited, Hyderabad	Bioefficacy	2.66	0.00	0.00	0.00	0.00	2.66
279.	TERI Deakin Nanobiotechnology Centre, New Delhi	Bioefficacy	0.00	6.48	0.00	0.00	0.00	6.48
280.	Terracroft Agritech Private Limited, Bengaluru	Performance Evaluation	0.00	0.00	0.00	0.00	2.00	2.00
281.	Tessenderlo Kerly India Private Limited, Gurgaon,	Bioefficacy	0.00	3.50	0.00	0.00	0.00	3.50

282.	The Totgars Co-operative, Sirsi	Performance Evaluation	0.00	0.35	0.00	0.00	0.00	0.35
283.	Thomas Biotech & CCFB OPC, Bengaluru	Bioefficacy	0.00	0.00	0.04	0.00	0.00	0.04
284.	Tokita Seed India Private Limited, Doddaballapura	Seed health testing	0.00	0.00	0.00	0.07	0.00	0.07
285.	Top Hybrid Seeds Private Limited, Telangana	Evaluation of Variety/Hybrid	0.00	1.24	0.00	0.00	0.00	1.24
286.	Trimurthi Plant Sciences Private Limited, Bengaluru	Evaluation of Variety/Hybrid	0.00	2.48	2.66	0.00	0.00	5.13
		Seed health testing	0.00	0.00	0.00	1.44	3.88	5.31
287.	Tropica Seeds Private Limited, Bengaluru	Seed health testing	0.00	0.00	0.00	0.11	0.00	0.11
288.	Trusted Seed Production Private Limited, Bellary	Seed health testing	0.00	0.00	0.21	0.00	0.00	0.21
289.	Tulsi Traders, Kadur	Performance Evaluation	0.00	0.00	0.00	1.06	0.00	1.06
		Testing	0.00	0.00	13.79	0.00	0.00	13.79
290.	Udayakumar Rasi Seeds (P) Limited, Salem	Evaluation of Variety/Hybrid	0.00	0.89	0.00	0.00	0.00	0.89
291.	Umapathy Coconut Hybrid Centre, Tamilnadu	Seed health testing	0.00	1.24	0.00	0.00	0.53	1.77
292.	Unisem Agritech Limited, Bengaluru	Commercialization of HA-5 Field Bean (Avare)	0.00	0.00	0.00	0.00	1.00	1.00
		Seed health testing	0.00	0.00	0.00	0.00	0.13	0.13
293.	United Agro Industries, Salem	Bioefficacy	0.00	0.00	5.31	0.00	0.00	5.31
294.	Univeg Seed Technologies Private Limited, Hyderabad	Commercialization ofMaize hybrid MAH -14-5	0.00	5.00	0.00	0.00	0.00	5.00
295.	Univwings Cargo Private Limited, Bengaluru	Seed health testing	0.00	0.00	0.11	0.00	0.00	0.11
296.	UPL Limited, Bombay	Bioefficacy	32.83	25.22	0.00	0.00	0.00	58.06
		Evaluation of Variety/Hybrid	10.32	0.00	0.00	0.00	0.00	10.32
		Seed health testing	0.00	0.00	0.56	0.00	0.00	0.56

297.	V Agro Tech, Bengaluru	Testing	0.00	0.00	7.88	0.00	0.00	7.88
298.	V Ferm Tech., Shivamogga	Performance Evaluation	0.00	0.00	0.00	0.53	0.00	0.53
299.	V.S.T Tillers Tractors Limited, Tamil Nadu	Testing	9.65	8.94	0.00	0.00	0.00	18.59
300.	Varun Hybrid Seeds, Bellary	Evaluation of Variety/Hybrid	0.00	0.00	0.00	7.08	0.00	7.08
301.	Vista Agrigenetics Private Limited, Telangana	Evaluation of Variety/Hybrid	0.00	0.00	1.77	0.00	0.00	1.77
302.	Vitrogold Tissue culture Private Limited, Gujarat	Seed health testing	0.00	0.00	0.53	0.00	0.00	0.53
303.	Vivanta Seeds Private Limited, Bengaluru	Seed health testing	0.00	0.00	0.03	0.00	0.00	0.03
304.	VNR Seeds Private Limited, Chattisgarh	Evaluation of Variety/Hybrid	2.12	0.00	2.66	4.43	0.00	9.20
305.	V-Tech Engineers, Shivamogga	Performance Evaluation	0.00	2.92	0.53	0.80	0.00	4.25
306.	Vyoma Industries, Tumakuru	Performance Evaluation	1.33	0.00	0.00	0.00	0.00	1.33
307.	Wang Private Limited, Bengaluru	Bioefficacy	6.20	1.33	0.89	0.00	0.00	8.41
308.	Water Technlogies Private Limited, Bengaluru	Bioefficacy	0.00	0.00	5.90	0.00	0.00	5.90
309.	Welcome Crop Science Private, Bengaluru Rural	Seed health testing	0.00	0.00	0.00	0.27	0.09	0.35
310.	West-in-Avo Nurseries, Hassan	Post Entry Quarantine	0.00	0.00	0.00	0.30	0.30	0.59
311.	Willowood Chemicals Limited, Delhi	Bioefficacy	0.00	0.00	7.08	0.00	0.00	7.08
312.	Yaganti Agrotech Private Limited, Hyderabad	Coomercialization of Maize hybrid MAH 14-138	0.00	0.00	0.00	0.00	5.00	5.00
313.	Yara Fertilisers India Private Limited, Bengaluru Rural	Bioefficacy	0.00	0.00	3.24	0.00	0.00	3.24
314.	Yogan Engineering Care, Udupi	Performance Evaluation	0.00	0.97	0.27	0.35	0.00	1.59
							Grand Total	**3437.14**

6.6.2.9. National Ranking (ICAR / MHRD)

The University is accredited by the National Agricultural Education Accreditation Board (NAEAB) under ICAR with an 'A' Grade (Score: 3.261) for the period 2021-22 to 2025–26. In addition to this, University is also accredited with an **A+** (score:3.27) from National Assessment and Accreditation Council (NAAC) for a commendable duration of five years (2024-25 to 2029-30), a testament to its unwavering dedication to excellence in Agricultural Education, Research and Extension services. Previously, University of Agricultural Sciences, Bangalore had achieved 6th rank among Agricultural universities during 2020 ranked by ICAR, New Delhi. University bagged 11th rank under Agriculture and Allied Sector Category by NIRF, Minister of Education, GOI for the year 2022-23 to 2024-25. Similarly, 90th rank in the year 2022-23 & 2023-24 and 95th rank in the year 2024-25 in Overall University ranking category. In state public university category, the university has received 44th rank during 2023-24 and 37th rank during 2024-25. In 2024–25, the University was chosen as one of 76 farm universities in India to participate in the **prestigious ASEAN–India Fellowship Programme for Higher Education** in Agriculture and Allied Sciences. Previously, University of Agricultural Sciences, Bangalore had achieved 6th rank among Agricultural universities during 2020 ranked by ICAR, New Delhi.

National Ranking (ICAR/NAAC/MHRD) of the University

Sl. No.	Name of the Ranking	Rank of the University				
		2021-22	2022-23	2023-24	2024-25	2025-26
1.	NAEAB (ICAR)					
2.	NAAC	-	-	-	A^+	A^+
3.	NIRF (Agriculture and Allied Sectors)	-	11	11	11	-
4.	NIRF (University Category)	-	90	90	95	-
5.	NIRF (State Public University)	-	-	44	37	-

6.6.3 Research Support

The vision of research at the University of Agricultural Sciences, Bangalore, is to contribute to poverty alleviation and foster prosperity in rural areas through integrated agricultural education, research, and extension. It aims to strengthen food and nutritional security, promote the commercialization of agriculture to meet industrial and export demands, and conserve as well as restore the natural resource base. The research agenda also focuses on addressing climate change challenges and enhancing the capacity of farmers, stakeholders, and the agricultural workforce through targeted training and skill development. Currently, emphasis is placed on need-based crop improvement and the development of location-specific agro-technologies suited to evolving climatic conditions and market-driven secondary agriculture.

For over six decades, this premier institution has made remarkable contributions to agricultural education, research, and extension. With an extensive network of six agricultural research stations spanning four diverse agro-climatic zones of Karnataka, UAS Bangalore, has engaged in addressing location-specific challenges through real-time research, technology development, and targeted farm advisory services. The university's research ecosystem is driven by visionary leadership, accomplished scientists and well-trained research scholars. Through its dedicated research programmes, it has played pivotal role in the development of science backed farm technologies. Notably it has made a significant contribution in the field of climate resilience, smart farming, nano technology, geonomics, phenomics, ecosystem network analysis, runoff farming, protected cultivation and secondary agriculture.

Currently, UAS Bangalore administer over 25 All India Coordinated Research Projects, more than 200 externally funded competitive research projects, around100 institutional research projects and several hundreds of novel chemical evaluation projects spanning the full spectrum of agricultural science. Its research mandates are not just academic, they are solutions-oriented, designed to enhance food, fodder, and financial security for millions of farming households.

To accelerate innovation and impact, the university has established state-of-art research infrastructure. Among them, a central instrumentation facility, advanced Phenomics and Carbon Isotope labs, modern marker-assisted selection lab, genomics lab, nationally accredited seed and honey testing laboratories, Bio Innovation Centre, multiple centres of excellence and niche area research hubs are notable one's. Each of these facilities play a vital role in pushing the boundaries of agricultural science and translating research into scalable technologies.

6.6.3.1 Research Council

The Research Council serves as the highest research authority within the university, tasked with developing the research policy and guidelines. The Council comprises of the Director of Education, Registrar, Director of Research, Director of Extension, Associate Directors of Research/Extension, all Deans, University Heads, Officers from the developmental departments and the Vice-Chancellor as Chairman. As per the Government of Karnataka Act.No.10 of 2010, two progressive farmers, one agro-industrialist and one distinguished scientist from outside the university are nominated by the Vice Chancellor for period of two years.

The Council is tasked with recognizing new research thrust areas, as well as altering or adjusting research policies and guidelines. The Council is in charge of fostering and coordinating public-private partnerships in research, as well as directing research to address the requirements of farmers and other stakeholders. In order to facilitate efficient cooperation, this council gives priority to the research programs and projects that various divisions have undertaken or planning to undertake. It

also serves as a regulatory body to assess the administrative, financial and physical infrastructure needed to carry out research projects. In a nutshell, the Research Council defines the research objectives and provides a general direction for the University research initiatives. The Research Council assists the Directorate of Research and research faculty by establishing a thorough mandate for each research station and the focal areas that should be prioritized in the research stations/zones.

Present Composition of the Research Council

Sl. No.	Designation	Chairman/ Member
1	The Vice-Chancellor, UAS, Bangalore	Chairman
2	The Registrar, UAS, Bangalore	Member
3	The Director of Agriculture	Member
4	The Director of Agricultural Marketing	Member
5	The Director of Horticulture	Member
6	The Director of Women & Child Welfare	Member
7	The Director of Sericulture	Member
8	The Director of Watershed Management	Member
9	The Chief Conservator of Forest, Research & Training	Member
10	Chief Engineer–Water Resource Development Organization	Member
Directors of University		
1	Director of Education (I/c), UAS, Bangalore	Member
2	Director of Research, UAS, Bangalore	Member Secretary
3	Director of Extension, UAS, Bangalore	Member
Deans of the Constituent Colleges		
1	Dean (Agri.), College of Agriculture, GKVK	Member
2	Dean (PGS), UAS, Bangalore	Member
3	Dean (Agri.), College of Agriculture, Hassan	Member
4	Dean (Seri.), College of Sericulture, Chintamani	Member
5	Dean (PGS), College of Agriculture, Mandya	Member
6	Dean (Agri.), College of Agriculture, Mandya	Member
7	Special Officer, College of Agricultural Engineering, Bangalore	Member
8	Special Officer, College of Agriculture, Chamarajanagar	Member
Associate Directors of Research		
1	Associate Director of Research (Hq.), ZARS, GKVK	Member
2	Associate Director of Research, ZARS, VC Farm, Mandya	Member
Associate Directors of Extension		
1	Associate Directors of Extension, UAS, GKVK	Member

2	Associate Directors of Extension, V.C. Farm, Mandya	Member
Heads of the Departments of the University		
1	Professor and University Head, Department of Sericulture	Member
2	Professor & University Head, Dept. of Agronomy	Member
3	Professor & University Head, Dept. of Agril. Extension	Member
4	Professor & University Head, Dept. of Soil Science & Agril. Chemistry	Member
5	Professor & University Head, Dept. of Agril. Engineering	Member
6	Professor & University Head, Dept. of Agril. Entomology	Member
7	Professor & University Head, Dept. of Genetics & Plant Breeding	Member
8	Professor & University Head, Dept. of Plant Pathology	Member
9	Professor & University Head, Dept. of Apiculture	Member
10	Professor & University Head, Dept. of Crop Physiology	Member
11	Professor & University Head, Dept. of Food Science & Nutrition	Member
12	Professor & University Head, Dept. of Agril. Economics	Member
13	Professor & University Head, Dept. of Forestry &Environmental Science	Member
14	Professor & University Head, Dept. of Horticulture	Member
15	Professor & University Head, Dept. of Plant Biotechnology	Member
16	Professor & University Head, Dept. of Agril. Marketing & Co-operation	Member
17	Professor & University Head, Dept. of Seed Science & Technology	Member
18	Professor & University Head, Dept. of Agril. Microbiology	Member
19	Professor & University Head, Dept. of Agril. Stats, Maths. & Computer Science	Member
20	Professor & University Head, Dept. of Kannada Studies	Member
21	Professor & University Head, Dept. of Animal Science	Member
Progressive farmers		
2021-2022		
1	S/O. Andani Gowda Kommanahalli Village, Kasaba Hobli, K.R. Pete Taluk, Mandya District	Member
2	W/o. M. K. Nagarajaiah Mayaganahalli Post Office, Kasaba Hobli Ramanagara Taluk & District	Member

2022-2023		
1	S/O Chandrappa, Lakshmidevipura, Doddaballapura Taluk, Bengaluru (R) District	Member
2	W/O Shivalingegowda, Bandiganahalli, Harohalli Hobli, Kanakapura Taluk, Ramanagara District	Member
2024-2025		
1	Bilagumba Village, Kasaba Hobli, Ramanagara Taluk& District	Member
2	Gundamannatha Village, Kasaba Hobli, Srinivasapura Taluk, Kolar District	Member
Scientists of eminence from outside the University		
2021-2023		
1	Director of Research (Retd), University of Agricultural Sciences, Raichur	Member
2024-2025		
1	Retired as Principal Scientist (Agronomy) & Head, Crop Production, ICAR–Indian Institute of Oilseeds Research, Hyderabad	Member
Agro-Industrialist		
2021-2022		
1	M/s. Siddalingeshwar Industry, #31, Industrial Area, 1st Phase, M. C. Road, Mandya	Member
2022-2023		
1	H.D. Harikrupa, Udayagiri Extension, Hassan District	Member
2024-25		
1	Chairman & Managing Director at Indo-American Hybrid Seeds (India) Pvt. Ltd.	Member

Details of Research Council Meetings

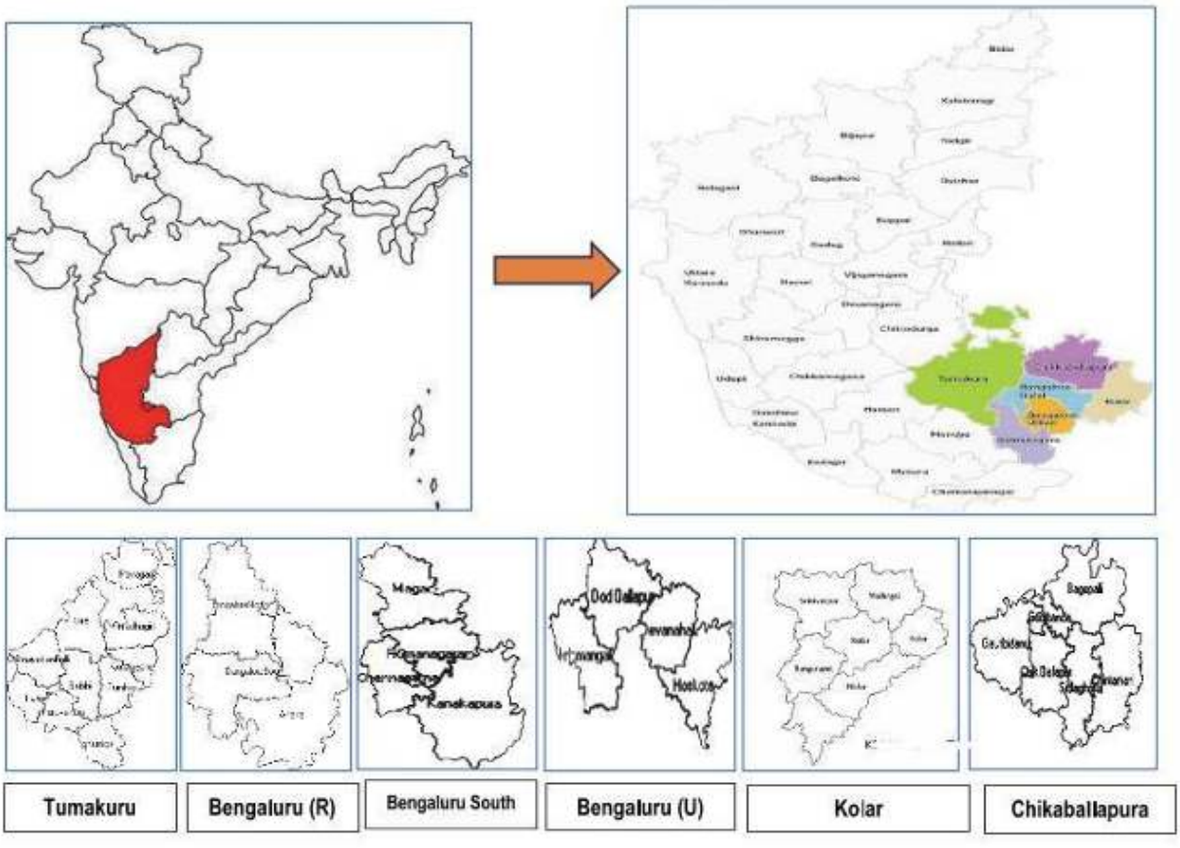
Annually the UAS, Bangalore Research Council meets to address different facets of the research. The decisions made in the council meetings are prioritized and pursued for successful execution. Annexure-6.6.3.1 lists the specifics of the topics covered in the research council meetings over the past five years, along with the university's associated initiatives.

The details of research council meeting held in different years

Sl. No.	Research Council Meeting	Dates
1	61st Research Council Meeting	25.06.2021
2	62nd Research Council Meeting	25.05.2022
3	63rd Research Council Meeting	25.05.2023
4	64th Research Council Meeting	22.05.2024
5	65th Research Council Meeting	27.05.2025

6.6.3.2. Directorate of Research

The University of Agricultural Sciences, Bangalore, is the name synonymous with innovation, impact, and excellence in Indian agriculture. It is one of the oldest and parental university in Karnataka. Acknowledging the importance of location-specific studies due to the state's diverse biophysical resource base resulting from varied topography and rainfall, the research agenda is structured around three agroclimatic zones namely Zone-4 (Central Dry Zone, part), Zone-5 (Eastern Dry Zone, complete) and Zone-6 (Southern Dry Zone, part) spread over 6 districts of Karnataka and carried out at five Agricultural Research Stations of the UASB. For every specified biophysical resource endowment, the university employs a systems approach that integrates research activities related to crops, forestry, livestock and fisheries for natural resources management to optimize the income sustainably.



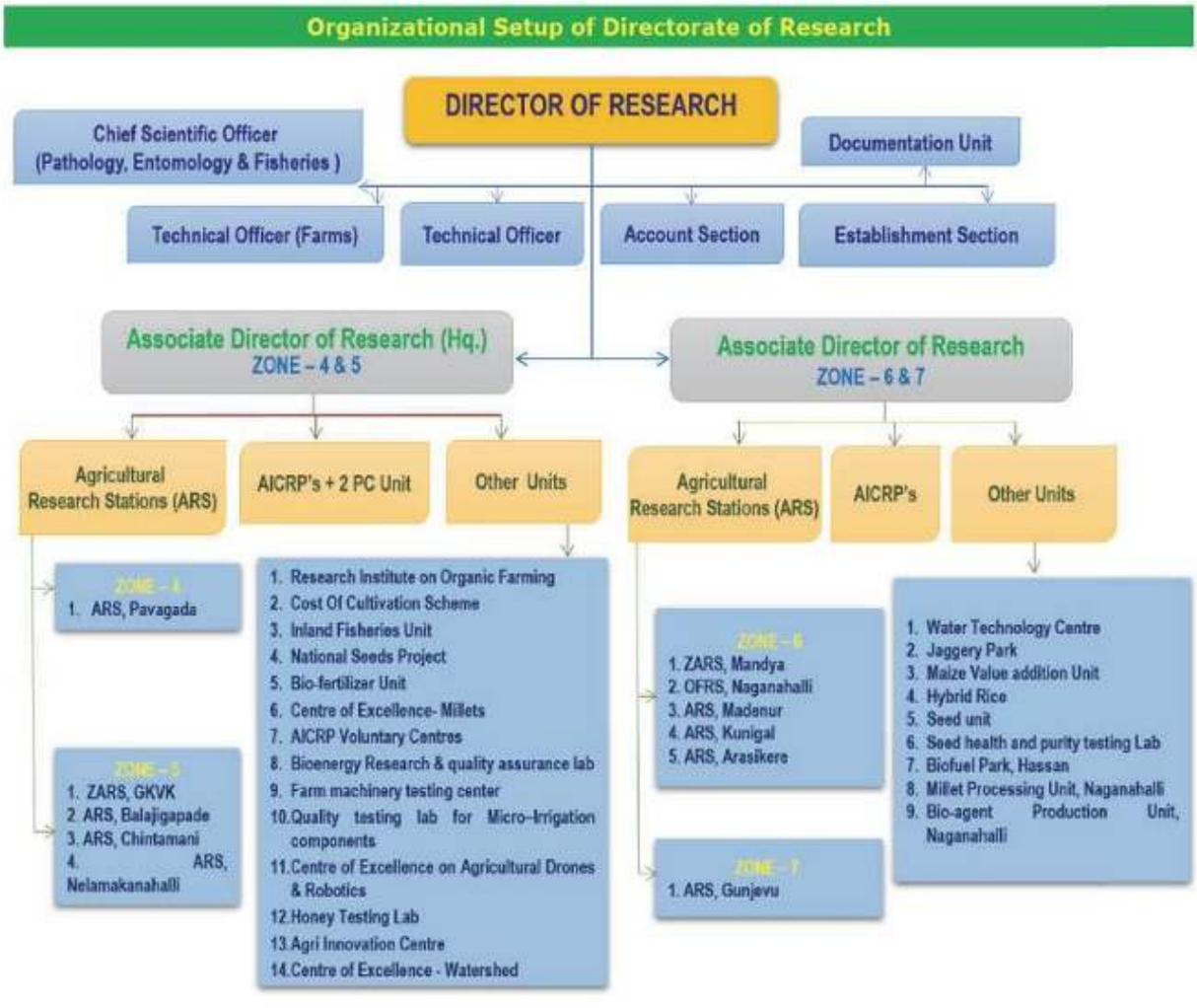
Operational jurisdiction of University of Agricultural Sciences, Bangalore

The impact of UAS Bangalore research legacy is monumental. From releasing high-yielding crop varieties to pioneering eco-friendly farming practices, the university has led the development of numerous innovations and agri-based products that directly benefit farmers and rural communities across the country. This is accomplished by altering the genetic foundation that enhances yield and address biotic and abiotic stresses, upgrade pests and disease rsistance and parasites management practices.

The Directorate is headed by the The Director of Research who oversees organizing, coordinating, and overseeing university research as well as the proper operation of the research stations representing each agroclimatic zone. An operational framework for developing pertinent research agendas is provided by a multi-tiered arrangement involving zonal stations, extension specialists and teaching departments within the University, connections with other research institutions in the zone, line departments, forward-thinking farmers and agri-entrepreneurs. The organizational set up for research is depicted below.

The Director of Research oversees, coordinates and administers all research activities for the university. He is responsible for evolving research action plan of the concerned discipline covering all the research institutes, departments under each research stations. Research Stations are non-academic or administrative units established for the purposes of facilitating location specific research and collaborative research to evaluate and validate culture of cultivars and technologies across varying environments before they are taken to the adaptive research trials. The Directorate of Research acts as liaison agent between the university and other reputable national and international research institutions with respect to consultations, and certification (testing trials of varieties, equipment, agrochemicals, bioinoculants, etc.).

Director of Research is assisted by Associate Directors of Research to monitor the functioning of Agricultural Research Stations (ARS) and research projects, including AICRPs and externally funded projects. These ARS is headed by Senior Scientist/Farm Superintendent and Scheme Head to oversee All India Co-ordinated Research Projects. Chief Scientific Officers, Scientific Officers, and the Documentation Unit provide technical support to the Director of Research. He is supported by network of Technical, Administrative and Scientific personnel from various faculties in carrying out the activities of the Directorate. The figure provides a comprehensive visual depiction of the directorate's operational setup.



Research Faculty Strength–Permanent

Details of sanctioned, filled and vacant positions in the Directorate of Research

Sl. No.	Cadre	Sanctioned scientists (No.)	Scientists in place (Appointed) (No.)	Vacant position (No.)	Vacant position (%)
1	Professor	9	7	2	22.22
2	Associate Professor	42	33	9	21.43
3	Assistant Professor	64	45	19	29.69
4	Others	7	5	2	28.57
TOTAL		122	90	32	26.23

The sanctioned strength of permanent research faculty is 122 positions, out of which 90 positions are currently filled, reflecting an overall occupancy of 73.77%.

- Professors: 9 sanctioned, 7 filled, 2 vacant (22.22%)
- Associate Professors: 42 sanctioned, 33 filled, 9 vacant (21.43%)
- Assistant Professors: 64 sanctioned, 45 filled, 19 vacant (29.69%)
- Research Assistants /Field Supervisors: 7 sanctioned, 5 filled, 2 vacant (28.57%)

Despite certain vacancies, the existing faculty members actively contribute to research, project execution, mentoring and academic delivery.

Research Faculty Strength – Deputed

Details of research faculty deputed from teaching and extension

Sl. No.	Cadre	Teaching Faculty	Extension Faculty	Contractual Faculty	Any other arrangements (Emeritus, etc.)
1	Professor	-	-	-	04 (2021-22 to 2023-24) 01 (2022-23 to 2024-25)
2	Others				
	Teaching faculty operating research projects				31
	Extension faculty operating research projects				3
	Research Associates in AICRP / externally funded projects				34
	SRFs in externally funded projects				93
	JRFs in externally funded projects				19
	Ramanujan Fellow/INSA/NPDF/DBTRA				4
	TOTAL				184
	Non-teaching staff in externally funded projects				313

Position of the Technical and Supporting staff – Permanent

Details of research faculty deputed from teaching and extension

Sl. No.	Position	Sanctioned Staff (No.)	Staff in place (Appointed) (No.)	Vacant Position (No.)	Vacant Position (%)
1	Sr. Tech. Asst./Tech.Asst.	30	20	10	33.33
2	Supporting Staff	457	154	303	66.30
TOTAL		**487**	**174**	**313**	**64.27**

In addition to permanent staff, the Directorate is strengthened by deputed and project-based human resources, which significantly enhance research output and outreach.

- Emeritus Professors: 05 (during 2021-22 to 2024-25)
- Teaching faculty operating research projects: 31
- Extension faculty operating research projects: 03
- Research Associates in AICRP/externally funded projects: 34
- Senior Research Fellows (SRFs): 93
- Junior Research Fellows (JRFs): 19
- Prestigious national fellows (Ramanujan/INSA/NPDF/DBT-RA): 04

The total deputed and project-based research personnel account for 184 researchers, indicating strong engagement in externally funded research programs.

Research Co-ordination Mechanism

All research operations, including All India Coordinated Research initiatives and all externally sponsored research initiatives, coordinated, monitored, and evaluated by the Director of Research with the help of Zonal ADRs, Chief Scientific Officers, Scientific Officers and Technical Officers.

Research co-ordination is carried out through the heads of concerned disciplines, who bear the complete responsibility of research coming under their purview by conducting Annual Technical Meeting (ATM). The research project proposals, based upon the identified problems of the zone, are prioritized. These proposals are first suggested in the ATMs of the scientists of the concerned disciplines giving the details of approach and methodology. The results of research will be presented and discussed in the ATMs of the scientists of the concerned disciplines. Workdone of Individual scientists, research results of ongoing and concluded experiments, Ongoing and new technical programme, proposals of varieties to be released, farm trials and MLTs, technologies to be tested in farms (Farm trials) and for inclusion in PoP, technologies to be commercialized and submission for grant of patent and policy issues are discussed in the Annual Technical Meetings (ATMs). Thus, the University Heads of the Departments provide technical leadership by developing and implementing the technical programmes and reporting the progress made from time to time.

Four groups in line with the national theme have been formulated *viz*., Crop Improvement (Genetics & Plant Breeding, Crop Physiology, Plant Biotechnology and Seed Science & Technology), Crop Production (Agronomy, Soil Science & Agricultural Chemstry, Horticulture, Sericulture, Agricultural Microbiology and Agricultural Engineering), Crop Protection (Agricultural Entomology, Plant Pathology & Apiculture) and Social Sciences (Agricultural Economics, Agricultural Extension, Institute of Agricultural Marketing, Agricultural Statistics and Kannada). These Groups are headed by the senior most University Head of each group. Group meetings (GM) are conducted among the related departments. GM provides an opportunity for discussion on related projects and technology across disciplins of the same group. Student's work is also presented and discussed for possible improvement. Heads of the respective divisions will present, but the entire staff of all departments of the theme will participate in the discussion. Approved Proposals from ATMs are presented in Group Meetings. A team from Directorate of Research will participate in evaluation. This structure shall introduce a second level screening of technologies before they are taken to Zonal Research and Extension Programme (ZREP).

Approved proposals from Group meetings are presented in ZREP meeting in an open discussion with scientists from across all the departments of the concerned Agroclimatic zone.

Every year, the ZREP Workshop brings together the teaching, research and extension faculty members who are engaged in research, teaching and extension. Director of Extension and Director of Research, Deans, ADRs, ADEs, University department heads, State Agriculture department officers, scientists, representatives from other relevant institutions, progressive farmers and corporate sector members participate in the ZREP workshop. Problem/s identified by scientists during extension outreach activities and RSK visits, farmers visits to the units under UASB and by discussions with line departments during bi-monthly workshops are discussed in the ATM and ZREP workshops. Scientists from KVK and Line department officials present the field problems and results of farm trials. Variety release proposals, new farm trials, multi-location trials (MLT), technologies for inclusion in the Package of Practices, patents, technologies for commercialization and technical programs (new, ongoing, and concluded) are presented, discussed and recommended in the ZREP workshop. All the approved proposals by Associate Director of Research from the ZREP meetings of respective zones are presented by the Director of Research in the Research council for its ratification. These approved/ratified varieties in ZREP are further presented in state level variety evaluation committee before going for recommendation and seed chain in the state. The technologies developed and approved in ZREP are included in package of practices (PoP).



Flowchart of Research Co-ordination mechanism

Research and Seed Production Centres

Associate Directors of Research monitor the functioning of Agricultural Research Stations (ARS), seed production activities as well as the implementation and progress of research projects, including All India Coordinated Research Projects (AICRPs) and externally funded project.

Research centres

Zone	Research station
Zone - 4	ARS, Pavagada
Zone – 5	ZARS, GKVK, Bengaluru
Zone – 5	ARS, Chintamani
Zone – 5	ARS, Nelamakanahalli
Zone – 5	ARS, Balajigapade
Zone – 6	ARS, Kunigal
Zone – 6	ZARS, VC Farm, Mandya
Zone – 6	OFRS, Naganahalli
Zone – 6	ARS, Madenur
Zone – 6	ARS, Arasikere
Zone – 7	ARS, Gunjevu

Seed production centres

Zone	Research station
Zone – 5	QSP, NSP, GKVK
Zone – 5	ZARS, GKVK, Bengaluru
Zone – 5	ARS, Arsikere
Zone – 5	ARS, Balajigapade
Zone – 5	ARS, Chintamani
Zone – 6	ARS, Kunigal
Zone – 5	ARS, Nelamakanahalli
Zone - 4	ARS, Pavagada
Zone – 5	KVK, Chintamani
Zone – 5	KVK, Hadonahalli, Doddaballapur
Zone – 5	KVK, Konehalli, Tumkur
Zone – 5	KVK, Ramanagara
Zone – 6	CoA, Chamarajanagar
Zone – 6	CoA, Hassan
Zone – 5	CoA, Chintamani
Zone – 5	Dept. of SS&T, CoA, GKVK
Zone – 5	Dept. of GPB, CoA, GKVK
Zone – 5	Dept. of Agronomy, CoA, GKVK
Zone – 5	RS-IISS, ICAR, GKVK
Zone - 6	Biofuel Park, Madenur
Zone – 5	Dept. of Horticulture, CoA, GKVK
Zone – 5	SFPP

Activities of Research stations of UAS, Bangalore

Sl. No	Zonal Head	Research Station	Year of Est.	Activities
Zone-5				
1.	Associate Director of Research (HQ)	ZARS, GKVK, Bengaluru Urban District	1973	Research on millets, pulses, oil seeds, horticultural crops, sericulture, dry farming techniques, organic farming, zero budget natural farming, watershed management, soil test with crop response, long-term fertilizer usage, control of pests and diseases, food science & nutrition, potential crops, precision farming, integrated farming systems, medicinal and aromatic plants, apiculture, acarology, post-harvest technology, agricultural engineering, bio-fuel, green-initiatives, seed production in cereals, millets, pulses, oilseeds, agro-forestry, fodder research programmes, horticultural nursery, and Start-ups in agriculture
2.	Associate Director of Research (HQ)	ARS, Nelamakanahalli, Chikkaballapur District	2014	Research on dry land farming and seed production of millets, minor millets and pulses. Model demonstration: Organic farming, natural farming and integrated farming systems. Conduct farm trails and frontline demonstrations of varieties/technologies.
3.	Associate Director of Research (HQ)	ARS, Chintamani, Chikkaballapur District	1975	Research on sericulture, dry land crops production technologies, seed multiplication programme and multiplication of elite planting materials of horticulture crops. Conduct station trails and frontline demonstrations of varieties/ technologies. Model demonstration: Organic farming, natural farming and integrated farming systems
4.	Associate Director of Research (HQ)	ARS, Balajigapade, Chikkaballapur District	1984	Research on integrated farming systems, varietal screening and seed production programme in cereals, pulses, oilseeds and millets and multiplication of elite planting materials of horticulture crops. Model demonstration: Organic farming, natural farming and integrated farming systems. Conduct station trails and frontline demonstrations of varieties/technologies.
Zone-4				
5.	Associate Director of Research (HQ)	ARS, Pavagada, Tumkur District	2009	Groundnut based cropping system and identification of alternate crops to groundnut. Management of pest and diseases of groundnut with emphasis on red headed hairy caterpillar,

				Seed production of millets and multiplication of horticultural planting materials. Conduct station trails and frontline demonstrations of varieties/technologies
Zone-6				
6.	Associate Director of Research (HQ)	ARS, Kunigal, Tumkur District	2014	Research on millets, pulses and fodder crops, conduct of multi-location trials and production of quality seeds and planting materials like coconut, arecanut, drumstick and lemon (*cv.* balaji). arrange training programme on Fodder crop production. Model demonstration: Organic farming, natural farming and Integrated farming systems

Breeder & Quality Seed production at research stations of UASB during 2021-22 to 2025-26

Breeder seed production is the first and most important stage in the formal seed multiplication system. Breeder seed is the genetically pure seed of a variety produced under the direct supervision of the plant breeder. It serves as the basic source for foundation and certified seed production. Strict standards are followed to maintain genetic purity, physical quality and free from contamination through proper isolation, regular field inspections and careful processing. The importance of breeder seed lies in its role as the foundation of the entire seed chain. The quality and performance of foundation and certified seed depend directly on the quality of breeder seed. It helps in maintaining the true characteristics of a variety, ensures uniform crop performance and supports national seed production programmes. Thus, breeder seed production is vital for sustaining crop productivity and farmer confidence in the seed system.

Breeder seed of all notified varieties/hybrids are being produced as per the indent of Department of Agriculture, Cooperation and Farmers Welfare (DAC&FW), GoI in all 11 Agricultural Research Stations and supplied to public/private seed organizations for further multiplication in seed chain as foundation and certified seeds with required standards of seed certification. Seed production activities in the university are implemented and monitored by National Seed Project (NSP) which functions under the Directorate of Research.

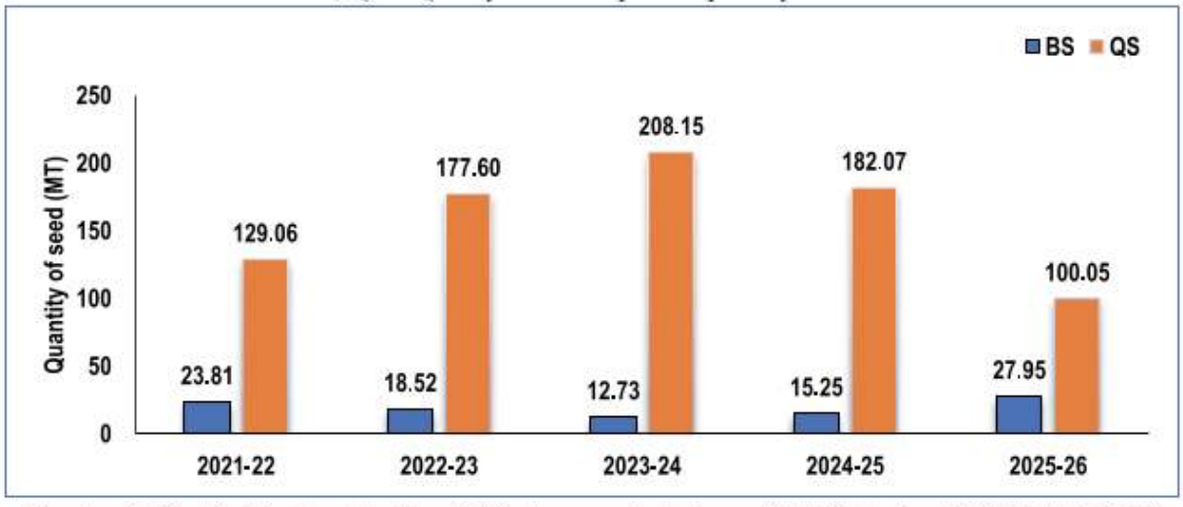
The NSP was established during the year 1979-80 with the financial assistance from World Bank of Rs.1.68 crores with a grant-in-aid of Rs. 45 lakhs from GOI. The University has created very good infrastructure facilities for quality seed production, processing and storage. Seed processing units in different ARS have been established with processing capacity of 2.0 tonnes/hr. In addition, the storage facilities are established to accommodate around 60,000 quintals of quality seeds. NSP was strengthened under Mega Seed Project by providing additional seed processing plants, storage and production facilities with adequate manpower.

Seed production activities of the university are planned and executed in all the agricultural research stations. Details of breeder and quality seeds produced by NSP during 2021-21 to 2025-26 are presented in the table and figures below. In order to strengthen and augment the quality seed requirement for spread and popularization of varieties, quality seeds are produced in large scale through Scientist-Farmer Participatory (SFPP) approach under Seed Village Programme.

Breeder & Quality Seed production (MT) at Research Stations of UASB during 2021-22 to 2025-26

Crops	2021-22		2022-23		2023-24		2024-25		2025-26*	
	BS	QS	BS	QS	BS	QS	BS	QS	BS	QS
Cereals	11.06	111.76	7.98	144.72	5.59	187.48	8.89	161.43	7.25	63.85
Pulses	4.25	15.85	4.15	30.75	3.91	18.47	2.67	17.95	9.55	31.25
Oilseeds	8.50	0.97	6.39	1.65	3.23	0.90	3.69	2.06	11.15	1.90
Other	0.00	0.48	0.00	0.48	0.00	1.30	0.00	0.63	0.00	3.05
Total	**23.81**	**129.06**	**18.52**	**177.60**	**12.73**	**208.15**	**15.25**	**182.07**	**27.95**	**100.05**

Note: BS - Breeder seed, QS – Quality seed * Expected quantity

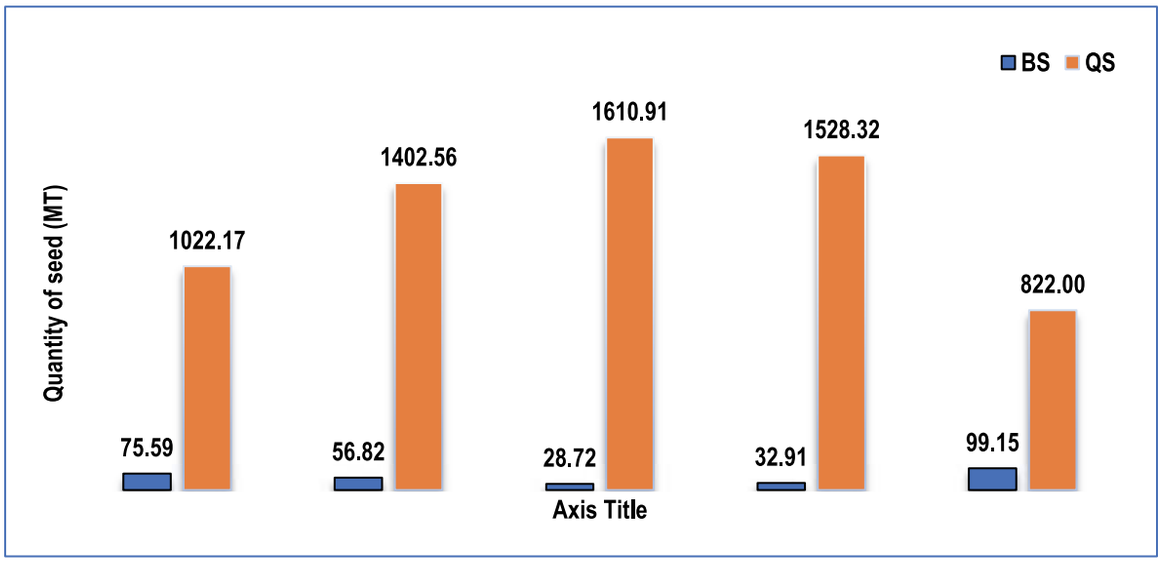


Breeder & Quality Seed production (MT) at research stations of UASB during 2021-22 to 2025-26

Breeder and Quality Seed produced (MT) under SFPP during 2021-22 to 2025-26

Crops	2021-22		2022-23		2023-24		2024-25		2025-26*	
	BS	QS	BS	QS	BS	QS	BS	QS	BS	QS
Cereals	0.00	859.54	0.00	1113.02	0.00	1441.91	0.00	1241.58	0.00	491.07
Pulses	0.00	58.21	0.00	112.97	0.00	67.83	0.00	65.96	0.00	114.80
Oilseeds	75.59	102.03	56.82	174.18	28.72	94.77	32.81	217.66	99.15	200.50
Other	0.00	2.39	0.00	2.39	0.00	6.40	0.10	3.12	0.00	15.00
Total	75.59	1022.17	56.82	1402.56	28.72	1610.91	32.91	1528.32	99.15	822.00

Note: BS - Breeder seed, QS – Quality seed * Expected quantity



Breeder & quality Seed produced (MT) at SFPP of UASB during 2021-22 to 2025-26

Breeder and quality seed produced in various research stations (2021-22 to 2025-26)

Sl. No.	Name of the Research / Seed Prodn. Centre	Thrust Areas of Research	Seed Production (MTs)									
			2021-22		2022-23		2023-24		2024-25		2025-26 (Exptd. quantity)	
			BS	QS	BS	QS	BS	QS	BS	QS	BS	QS
	Zone-5											
1	ZARS, GKVK, Bengaluru	Research on dry farming techniques, horticultural crops, millets, pulses, oil seeds, sericulture, organic farming, zero budget natural farming, soil test with crop response, long-term fertilizer usage, control of pests and diseases, food science & nutrition, potential crops, seed production in cereals, millets, pulses, oil seeds, agro-forestry and fodder research programmes, precision farming, integrated farming systems, medicinal and aromatic plants, apiculture, post-harvest technology, agricultural engineering and seed technology and horticultural nursery.	0.00	12.87	0.00	10.84	1.60	9.71	0.27	7.08	0.85	24.60
2	MRS, Hebbal, Bengaluru	Seed multiplication programme, weed control and inland fisheries research & seed production.	0.42	0.00	1.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Sl. No.	Name of the Research / Seed Prodn. Centre	Thrust Areas of Research	Seed Production (MTs)									
			2021-22		2022-23		2023-24		2024-25		2025-26 (Exptd. quantity)	
			BS	QS	BS	QS	BS	QS	BS	QS	BS	QS
3	ARS, Chintamani, Chikkaballapur District	Research on groundnut production technologies, seed multiplication programme, sericulture and multiplication of planting materials.	0.00	0.17	0.82	3.73	0.40	0.77	0.15	2.77	0.00	8.40
4	ARS, Balajigapade, Chikkaballapura District	Research on integrated farming systems, varietal development and seed production programme in pigeonpea, sunflower, pulses, millets and multiplication of planting materials and fodder slips.	1.77	7.96	1.55	8.86	0.34	5.45	2.12	9.712	4.90	6.05
5	ARS, Tiptur, Tumkur District	Research on varietal evaluation, integrated farming systems, conduct of multi-location trials, Seed production of millets and multiplication of planting materials including fodder slips and seeds.	0.00	2.14	0.00	1.57	0.00	0.67	0.00	0.00	0.00	7.70
6	ARS, Nelamakanahalli Chikkaballapur District	Research on dry farming and seed production of millets, minor millets and pulses.	0.63	3.82	1.50	9.70	0.39	0.84	0.74	6.82	0.80	66.50
	Zone-6											

Sl. No.	Name of the Research / Seed Prodn. Centre	Thrust Areas of Research	Seed Production (MTs)									
			2021-22		2022-23		2023-24		2024-25		2025-26 (Exptd. quantity)	
			BS	QS	BS	QS	BS	QS	BS	QS	BS	QS
7	ZARS, VC Farm, Mandya	Research on developing improved crop varieties viz., rice, maize, sugarcane, ragi, pulses and fodder crops etc., Research on water management and integrated farming systems. Seed production in rice, finger millet, maize etc., Production of quality planting material of fodder crops, sugarcane, coconut etc.	3.63	37.95	2.07	43.10	1.87	61.32	9.02	53.24	25.45	214.95
8	ARS, Madenur, Hassan District	Research on biofuel crops, varietal evaluation and seed production of pulses and oil seeds, production of elite planting material of Biofuel crops.	0.28	6.27	0.19	2.37	0.23	0.77	0.57	4.33	5.80	12.40
9	OFRS, Naganahalli, Mysore District	Research on organic farming / natural farming, integrated farming system and organic seed production.	0.00	8.30	1.16	10.34	0.00	16.40	0.00	23.33	0.40	23.40
10	ARS, Arsikere, Hassan District	Varietal evaluation, seed production and multiplication of planting material and coconut seedlings.	0.00	6.03	2.94	4.48	4.80	4.60	0.95	6.51	6.65	6.05
11	ARS, Kunigal, Tumkur District	Research on fodder crops, millets and pulses, conduct of multi-location trials and production of quality seeds and planting materials.	2.31	8.59	2.35	6.56	1.23	4.00	1.38	8.67	5.05	42.20

Sl. No.	Name of the Research / Seed Prodn. Centre	Thrust Areas of Research	Seed Production (MTs)									
			2021-22		2022-23		2023-24		2024-25		2025-26 (Exptd. quantity)	
			BS	QS	BS	QS	BS	QS	BS	QS	BS	QS
	Zone-4											
12	ARS, Pavagada, Tumkur District	Groundnut based cropping system and identification of alternate crops to groundnut. Management of pest & diseases of groundnut with emphasis on red headed hairy caterpillar, Seed production of millets & multiplication of planting materials.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.00	0.50
	Zone-7											
13	ARS, Gunjevu, Hassan District	Research on biofuel crops and multiplication of planting materials in dryland horticultural crops and seed production.	1.85	15.36	3.12	36.52	12.00	70.08	0.00	54.02	0.00	40.00



Seed production centres of the University

Contribution of Directorate of Research in academic programmes

The expertise and manpower available in research are effectively utilized for teaching and extension activities within the university. Scientists working under the Directorate of Research actively contribute by offering courses, participating in curriculum development and guiding postgraduate students.

Research Plots for student learning

Scientists in the Directorate of Research, serving as chairpersons or advisory committee members, actively facilitate postgraduate students' research by providing access to research plots, infrastructure and other essential facilities available at their respective AICRPs, ZARS and ARS units. In addition to allocating land for student research based on annual availability, they also ensure proper planning and distribution of research plots to meet academic requirements. Continuous monitoring and technical guidance are provided throughout the research period to maintain the quality and relevance of the work. Regular interactions, review meetings and field visits are conducted to support students in data collection, problem-solving and progress evaluation. Information related to research activities, methodologies, and findings is effectively shared among students and faculty to enhance learning outcomes and promote collaborative research. The details of land allocated to various academic programmes are summarized below.

Year wise details of land provided to PG research work in Zone -5

Particulars	Land available for PG Students Research (Area in ha.)				
	2021-22	2022-23	2023-24	2024-25	2025-26
Pigeonpea	1.5	1.5	1.5	1.5	1.5
Soybean	0.5	0.5	0.5	0.5	0.5
Arid Legumes	1	1	1	1	1
Sunflower	2	2	2	2	2
Small Millets	1	1	1	1	1
Potential Crops	1	1	1	1	1
Castor	1	1	1.5	1.5	1.5
Seeds (Crops)	0.4	0.4	0.4	0.4	0.4
Dryland Agriculture	1.5	1	1.7	1.2	1.2
Agro -Meteorology	1	1	1	1	1
Soil Test with Crop Response	0.4	0.4	0.4	0.4	0.4
Long Term Fertilizer Experiments	1	1	1	1	1
Integrated Farming Systems	0.1	0.15	0.1	0.1	0.1
Weed Management	0.4	0.35	0.35	0.35	0.2
Agro-Forestry	0.4	0.4	0.4	0.4	0.4
Vertebrate Pest Management	0	0	0	0	0
Soil Arthropods Pests	0	0	0	0	0.1
Honeybees & Pollinators	0	0	0	0	0
Plant Parasitic nematodes	0.5	0.5	0.5	0.5	0.5
Acarology	1.5	0.4	0.4	0.4	0.4
Women in Agriculture	0	0	0	0	0
Post-Harvest Engineering Technology	0	0	0	0	0
Cost of cultivation and Market intelligence cell	0	0	0	0	0
Cost of Cultivation Scheme	0	0	0	0	
Fodder section	0.4	0.4	0.4	0.4	0.4
Inland Fisheries Unit	0	0	0	0	0
Bio-fertilizer Unit, Dept. of Agril. Micro.,	0	0	0	0	0
Research Institute on organic farming	1	1.25	1	1.5	1.5
Bio-fuel Unit, Dept. of Agril. Micro.,	0.2	0.2	0.2	0.2	0.2
Horticulture	0.4	0.4	0.4	0.4	0.4
Pavagada	0.05	0	0.05	0.05	0
Chinthamani	0.4	0.4	0.4	0.4	0.4
ZARS, GKVK	48.76	48.76	48.76	48.76	48.76
Nelamakanahalli	0	0	0	0.1	0.1
Balajigapade	0.4	0.6	0.8	0.8	0.8
TOTAL	**66.81**	**65.61**	**66.76**	**66.86**	**66.76**

To ensure quality field experimentation and practical exposure for Post Graduate students, the University/Institute has dedicated substantial cultivable land resources across various research units.

For the assessment period spanning 2021-22 to 2025-26, the total land available for PG research has remained consistent, averaging approximately 66.6 hectares annually. This stability ensures uninterrupted academic research and long-term trials.

Centralized Research Facilities (ZARS, GKVK)

The Zonal Agricultural Research Station (ZARS), GKVK serves as the primary hub for student research. It consistently contributes 48.76 hectares annually throughout the assessment period. This extensive area accommodates most field trials, ensuring students have access to centralized facilities, irrigation, and farm machinery.

Crop-Specific Allocations

Dedicated plots are maintained for major commercial and food security crops to facilitate breeding, agronomy, and protection research:

- Sunflower: A steady allocation of 2.0 ha is maintained annually.
- Pigeonpea: Consistently allotted 1.5 ha per year.
- Castor: The allocation for Castor research has seen a positive trajectory, increasing from 1.0 ha (2021-23) to 1.5 ha (2023-26), reflecting increased research focus.
- Underutilized Crops: 1.0 ha each is dedicated annually to Arid Legumes, Small Millets, and Potential Crops.

Specialized Research Units & Emerging Trends

The land allocation demonstrates flexibility to accommodate emerging research areas and specific departmental needs:

- Organic Farming: The Research Institute on Organic Farming increased allocation area from 1.0 ha in 2021-22 to 1.5 ha by 2025-26.
- Dryland Agriculture: Area ranging between 1.0 ha and 1.7 ha is provided for dryland experiments.
- Balajigapade Unit: Doubled from 0.4 ha in 2021-22 to 0.8 ha in 2025-26.
- New Inclusions: To support novel research, new allocations have been introduced for Nelamakanahalli (0.1 ha from 2024-25) and Soil Arthropods Pests (0.1 ha in 2025-26).

Yearwise details of land provided to post graduate research work

Year	Total Area (ha)	Remarks
2021-22	66.81	Strong focus on Acarology (1.5 ha) and Dryland Agriculture.
2022-23	65.61	Adjustments made for operational efficiency.
2023-24	66.76	Increased allocation for Castor and Dryland Agriculture.
2024-25	66.86	Peak allocation; inclusion of Nelamakanahalli unit.
2025-26	66.76	Continued support for organic farming and new pest management units.

The data clearly reflects the institution's commitment to PG research. With over **66 hectares** of land consistently available—anchored by the 48.76 ha at ZARS, GKVK—the facility meets the diverse needs of students across Agronomy, Horticulture, Soil Science, and Entomology. The proactive adjustments in land allocation for Organic Farming and potential crops further demonstrate the institution's responsiveness to evolving agricultural priorities.

Contribution of researchers for teaching, curriculam development

The research faculty play an active role in teaching undergraduate and postgraduate courses and in curriculum development and revision through their participation as members of the UG and PG Boards of Studies. During the assessment period, researchers offered a total of 391 courses across various programmes:

- Undergraduate courses: 202
- Postgraduate courses: 182
- Diploma courses: 7

Year-wise course contribution demonstrates consistent academic engagement, with a notable increase during 2024–25, reflecting optimal utilization of research expertise in teaching.

Year wise details of course offered by researchers during 2021-22 to 2025-26

SL. No.	Academic Year	Semester wise courses offered (Nos.)					
		Undergraduate		Postgraduate		Diploma	Total Courses
		I	II	I	II		
1	2021-22	20	17	22	11	0	70
2	2022-23	31	9	23	13	3	79
3	2023-24	23	18	19	18	0	78
4	2024-25	25	21	23	26	4	99
5	2025-26	30	8	9	18	0	65
	TOTAL	129	73	96	86	7	391

Year wise details of abstract of PG students research guidance as Chairman and Member of Advisory Committee

Year	PG students research guidance			
	As Chairman of Advisory Committee		As Member of Advisory Committee	
	M.Sc /M.Tech	Ph.D	M.Sc /M.Tech	Ph.D
2021-22	107	31	381	160
2022-23	91	39	286	117
2023-24	86	31	272	119
2024-25	87	30	203	104
2025-26	64	26	153	86
Total	435	157	1295	586

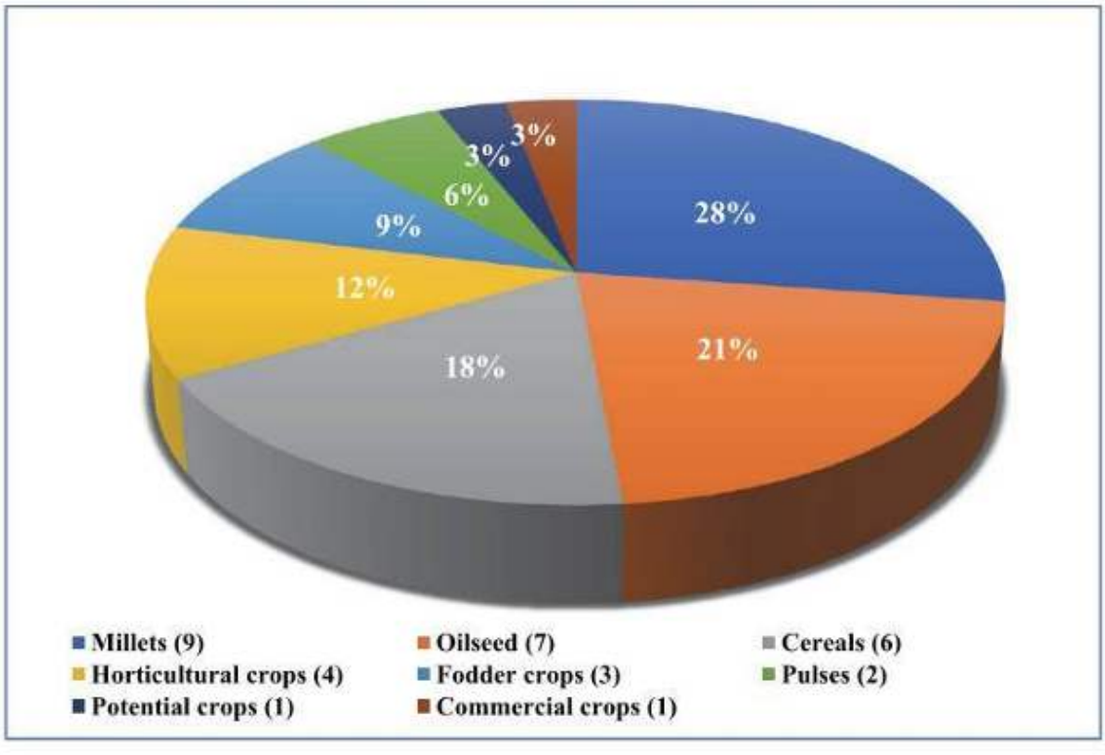
The University has established a structured mechanism for postgraduate research guidance through Advisory Committees comprising a Chairman and subject experts as Members. This system ensures academic rigor, interdisciplinary input, ethical compliance, and continuous monitoring of PG research. During the assessment period (2021–22 to 2025–26), faculty members actively contributed to PG research supervision. A total of 592 PG students were guided as Chairmen of Advisory Committees, while 1,881 PG students received guidance as Members, benefiting 2,473 postgraduate students overall. The systematic involvement of faculty in research mentoring has resulted in improved quality of dissertations, strengthened research skills, enhanced research ethics awareness, and timely completion of PG programmers.

6.6.3.3 Technology Developed and its Adoption

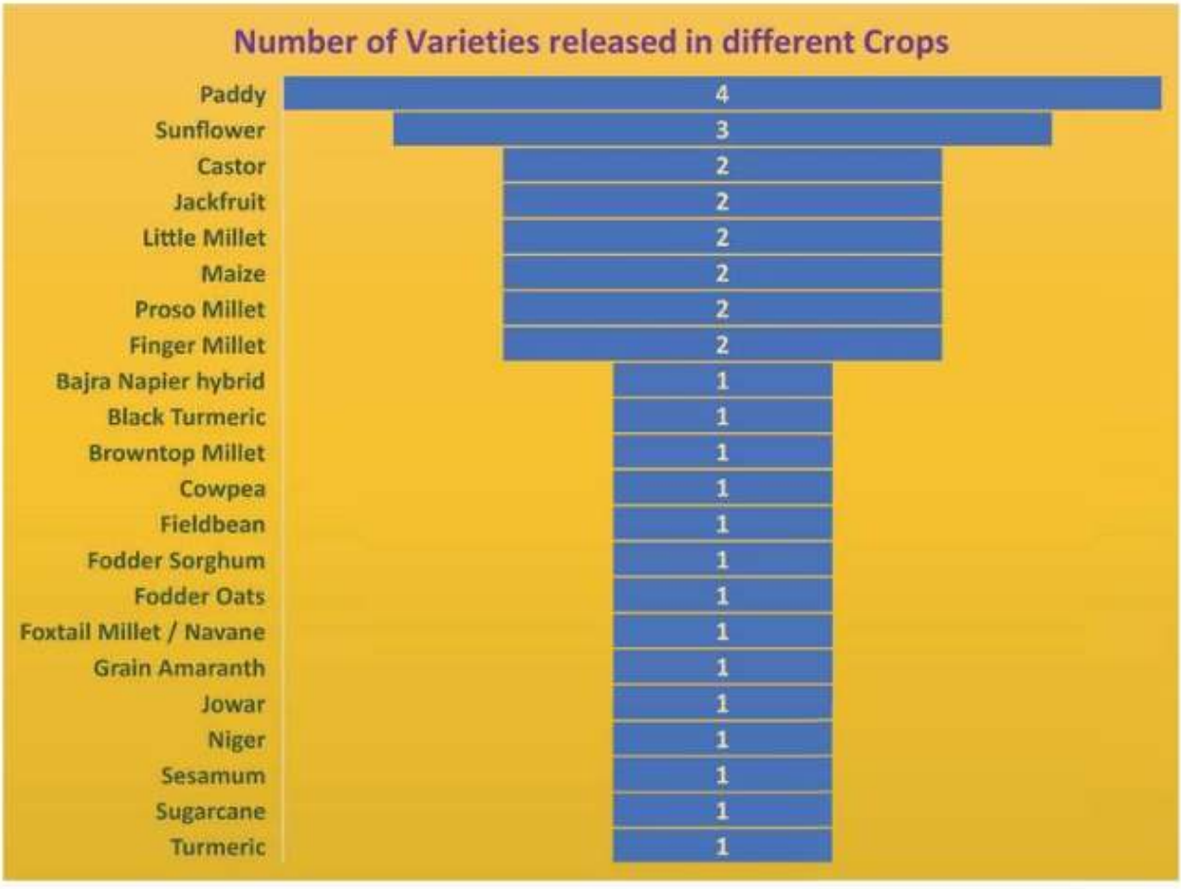
The primary mandate of the University is to develop new technology constantly or refine the existing technology to enhance the agricultural production of the State and address emerging problems of agriculture. In pursuit of this goal the UAS, Bangalore has undertaken research in a wide spectrum of Agriculture sciences, including basic sciences. It is hoped that the knowledge base in these sciences would pave way for future technology development for the community at large. The University has contributed as much as 330 high yielding crop varieties/ hybrids and 7 animal breeds since its inception and more than 500 technologies in the last 25 years.

Development and release of new crop varieties/Hybrids (2021-22 to 2025-26)

In the last five years the university has developed a total of 33 varieties/hybrids in Cereals (6), Millets (9), Potential Crops (1), Pulses (2), Oilseed (7), Horticultural Crops (4), Commercial Crops (1) and Fodder Crops (3) that substantially enhances farm productivity across different agro-climatic regions of the state. It reflects the universities attempts to meet the diverse needs of the farmers.



Percentage Distribution of new crop varieties/hybrids released during 2021-2025



Development and release of new Technologies (2021-22 to 2025-26)

While crop improvement and production technologies have contributed by leaps and bounds to farm productivity, the biotic stresses posed by pests and diseases continue to challenge agricultural production in the country. If crop productivity rides on the chariot of crop improvement, then production technologies for the improved varieties are the wheels that drive the chariot. Research in production technologies goes in tandem with efforts in crop improvement. Production technologies, either de novo or fine-tuning of existing practices, have been developed for all hybrids/improved varieties in different crops that include soil and nutrient management, weed control and pest and disease management and even post-harvest processing, as applicable. In the last 5 years about 142 different technologies have been developed.

Number of technologies developed in different subjects

Year	Crop Improvement	Crop Production	Crop Protection	Agril. Engineering	Allied (Horti/ Seric/ Apic)	Total
2021-22	5	8	10	1	4	28
2022-23	-	16	18	-	3	37
2023-24	-	13	15	2	2	32
2024-25	1	10	4	2	2	19
2025-26	-	15	8	-	3	26
Total	6	62	55	5	14	142

List of crop varieties/ hybrids released and their adoption

Sl. No.	Year	List of Approved Technologies developed	Adoption of technologies (%)	Coverage of technology in UAS Jurisdiction (ha)
1	2021-22	**Varieties recommended for Release**		
		• Paddy: KMP-220	0.005	320
		• Paddy: MSN-99	3-5	800
		• Ragi: KMR-316	-10	2000
		• Foxtail millet: GPUF-3	18	8
		• Little millet: GPUL-6	14	14.4
		• Prosomillet: GPUP-28	18	152
		• Grain Amaranth: KBGA-15	10	40
		• Sugarcane: COVC-18061		
		• Fodder oats: RO-11-1	-5	
		• Jack fruit: Byrachandra	30 - 35	95
		Technologies recommended for inclusion in Package of Practices		
		Application of minimally aerated Compost tea (Compost Kashaya) for increased yield in groundnut crop: The application of minimally aerated compost tea (compost Kashaya) has been developed as an integrated technology for increasing pod yield (25-30%) in groundnut. Aerated compost tea is prepared by continuously aerating the compost–water suspension using an aerator for a period of four days. However, we have developed a simpler method of preparing compost tea. In this modified method, the suspension of compost and water is mixed once a day using a stick, resulting in minimal aeration during the preparation. Application of minimally aerated Compost tea improves the plant biomass, chlorophyll content and induces defense priming in plants. The application of compost tea enhances the pods per plant, 100 seed weight and the shelling percent in groundnut crop. Technology is farmer friendly, economical (B/C ratio of 13:1), eco-friendly and reduces application of fungicide by 50%.	20	20,000
		Identification of Rice hybrid and varieties suitable for cultivation under direct seeded rice method: Rice hybrid KRH-4 and varieties *viz.*, Gangavathi	100	26000

		sona, Thanu, MAS-26 and MAS- 946-1 are also suitable for cultivation under direct seeded rice method.		
		Validation of suitable pre-sowing seed treatment to improve plant establishment in dry direct seeded rice method: Seeds are to be soaked in either $ZnSo_4$ @ 3% or $CaCl_2$ @ 2 % for 16 hours and shade dried before sowing to get higher field emergence, optimum plant population and higher grain yield.	10	7.50
		Seed Treatment of Prosomillet for higher yield: Proso millet seeds primed with 20 % liquid *Pseudomonas fluoresces* (adopting 1:1 seed solution ratio) for 6 hrs and dry for 8 hours under shade before sowing enhances Seed vigor by 13 per cent, germination by 16 per cent and yield by 16 per cent.	10.50	7.50
		Usage of zeolite beads for storing soybean seeds: Soybean seeds packed in a super grain bag along with Zeolite beads in the ratio of 1 Kg seed to 100 g Zeolite beads would extend the storability up to 18 months by maintaining all the seed quality parameters.	25	12
		Recasting of Chapter-12: Crop production systems in different zones (*Vividha Krishi Valayagalalli Bele Utpaadana Vyavasthe: Zone-4, 5 & 6*): Concepts on Rain star wise rainfall quantity, Optimum sowing windows for pre-monsoon season, Crops and agricultural activities for pre- monsoon season based on long term rainfall analysis (30 and 50 Years) and Agro-climatic onset of sowing date were included by modifying the present monthly rainfall details, cropping pattern and sowing window.	40	-
		Suitable planting geometry and intercrops in top feeds for higher green forage yield & quality: Cultivation of top feeds like Sesbania, Erythrina and Drum stick with a row spacing of 6 ft. and 1.5 ft. from plant to plant recorded additional green forage (67.1 q/ha), dry matter (16.7	9	1,350

		q/ha) and crude protein yield (2.9 q/ha) with additional net returns (Rs. 14,000/ha). Cultivation of 2 rows B x N hybrid with a row spacing of 3 feet & 2 feet from plant to plant in between rows of top feeds recorded additional green forage yield (429.6 q/ha), dry matter (77.5 q/ha) & crude protein (7.96 q/ha) yield with additional net returns (Rs. 52,100 /ha).		
		Package of practices for Rice Bean crop with details on variety, season and soil, land preparation, seeds and sowing methods, manures and fertilizers, thinning of seedlings, inter-cultivation & earthing up, weed Control, water management, plant protection, yield and low-cost technologies.	100	4
		Effect of multi-micronutrients mixture application on growth and yield of aerobic paddy: Application of soil grade micronutrients mixture (Fe+Mn+Zn+B) @ 5 kg per acre at the time of transplanting and spraying of foliar grade micronutrients mixture (Fe+Mn+Zn+B) @ 1.00 per cent at 20 and 40 days after transplanting recorded higher grain yield of 31.5 q/ acre with B:C ratio of 1.6:1.	23	11500
		Effect of Multimicronutrients mixture application on growth and yield of Irrigated Paddy: Application of soil grade micronutrients mixture (Mn+Zn+B+Mo) @12 kg per acre at the time of transplanting and spraying of foliar grade micronutrients mixture @ 0.20 per cent at 30 and 45 days after transplanting to aerobic paddy enhances grain yield by 8.80 per cent with B:C ratio of 1.80:1.	11	8560
		Subsoil manuring for enhancing crop productivity in rainfed farming regions of southern Karnataka for both sodic and red soil situations: Subsoil manuring in dry land sodic soils / dry land red soils having subsoil hardpan to be taken up immediately after 1st showers during May–June with recommended doses of fertilizers and double dose of organic		

		manure (poultry manure or press mud or sheep manure) through sub soil ripper having manuring tank attached to tractor at 1 meter apart and at 45-50 cm depth. During monsoon season, after good rains, crops can be grown. In the similar way next year also in the same field recommended dose of NPK for the crop to be grown along with double dose of organic manure should be applied through subsoil ripper at 1 meter apart between the earlier 1-meter ripper space to a depth of 45-50 depth. Then, after getting good rains in monsoon the crop decided earlier to be grown, so that the soil sodicity / subsoil hardpan will be reduced, due to breaking of subsoil hardpan and adding organic manures, thereby water and nutrient holding capacity will be enhanced. Because of this, soil fertility will be improved and can grow good crops in these soils in the coming years.	15-18	100
		Utilization of slag-based gypsum in groundnut cultivation: Application of RDF + 625 kg slag-based gypsum/ha as 50% at the time of sowing + 50% at 30 days after sowing recorded higher pod, haulm, oil and protien yield of groundnut. There was increase in pod, haulm, oil and protien yield of groundnut by 11.40, 19.06, 18.96 and 14.38 per cent respectively with the application of 625 kg SBG/ha (50 % at sowing + 50 % at 30 DAS) over package of practice (POP: RDF + 500 kg commercial gypsum/ha at 30 DAS). Higher benefit cost ratio (3:1) was noticed in the treatment which received RDF + 625 kg slag-based gypsum/ha as 50% at the time of sowing + 50% at 30 DAS when compared with POP (2.70:1) applied treatments.	20	20000
		Composting of sericulture wastes using compost culture and waste decomposer: Composting of sericulture waste using compost culture developed by UASB or waste decomposer developed by National Centre of Organic Farming	23	11.25ha

		(NCOF), Ghaziabad results in speed up the decomposition process and obtain high nutrient compost (1.5-1.9 % N, 0.5-0.9 % P, 1.5-2.0 % K and 12-15% C:N ratio).Composting using Compost Culture: One ton of sericulture rearing wastes collected in a constructed pit or compost bag spreading mulberry twigs at the base layer followed by waste from rearing house is then spread over. For each layer of residue spread the part of slurry prepared using 1 kg of compost culture with 3 kgs of cowdung, 2 litres of cow urine and water. All the above steps are repeated in the stated sequence until the pit is filled with1-2 feet above the pit height. Finally, the pit is plastered with mud and cow dung slurry to maintain optimum moisture content inside the heap. To avoid rain, wind, and to maintain the moisture and temperature, the pit should be covered with grass or coconut fronds or polythene sheet. Water is sprayed time to time over the pit to attain 60-70 % moisture. After 3-4 weeks of decomposition, first turning is done. Compost will be ready by 80-90 days. Composting using waste decomposer: Mix 2 kgs of jaggery and one bottle of waste decomposer containing 10 g microbial consortium into 200 ltrs of water in plastic drum. Stir the content of drum with a wooden stick every day twice, cover it & place under shade. On 6th day, sprinkle 40 ltrs of waste decomposer solution from 200 ltrs to every layer of 1-ton sericulture rearing wastes filled in a compost pit or bag. From rest of 160 ltrs of waste decomposer solution, sprinkle 40 ltrs every day to compost pit within 4 days. Water is sprayed time to time over pit to attain 60-70 % moisture. First turning is done after 3-4 weeks. Compost will be ready by 80-85 days.		
		Evaluation of suitable intercrops in tree Mulberry for additional income:	21.42	450

		Growing determinant type of cowpea as an intercrop in tree mulberry garden, where the space 10x10 ft or 9x9 ft given from plant to plant and row to row gives additional income (2.3-2.4 % higher cocoon yield, enhanced profit by 21-22 % & enhanced income by Rs. 11,200/-) and increase the profitability of mulberry cultivation (1.8-1.9 % higher leaf yield). It also improves the soil fertility (Increases 57-58 % Carbon and 6-7 % Nitrogen) of tree mulberry garden.		
		Separate chapter on "double queen system for management of *Apis cerana":* Adoption of double queen system for management of *Apis cerana* would minimise absconding and enhance foraging activity with higher honey yield and fastens growth and development of colony. This technology is also helpful in colony multiplication. Brood area was higher in DQS (274.65 inch2) as compared to that of 166.97 inch2 in control. Honey area was higher in DQS (217.73 inch2) as compared to that of 154.15inch2 in control. Pollen area was higher in DQS (36.13inch2) as compared to that of 21.67inch2 in control.	15	-
		Tractor drawn automatic seed-cum-fertilizer drill for intercropping/monocropping system of multi-crops: Monocropping/intercropping system of multi-crops improved tractor drawn seed-cum-fertilizer drill developed by the scientist of Dryland Agriculture Project, University of Agricultural Sciences, GKVK, Bangalore. Monocrops like finger millet, pigeon pea, groundnut, soyabean, field bean, horse gram, cowpea, kodo millet, foxtail millet, bajra, jowar, maize etc., seeds could be sown by this improved seed drill. Inter cropping system such as 10 rows of groundnut with 2 rows of pigeon pea (10:2) and 10 rows of finger millet with 2rows of pigeon pea (10:2) can be taken up by this improved seed drill.	20	800000

		This seed drill also found suitable to take up strip cropping like finger millet 21 rows and 21 rows field bean/cowpea/horse gram. This method of sowing helps to take up harvesting by using combined harvester. Strip cropping system having runoff permitting and runoff resistant crop helps to conserve more moisture. This improved seed drill can be driven by 35 to 50hp tractor. The cost of improved seed drill is Rs.95,000/-.		
		Pre- harvest management of pulse beetle (*Callosobruchus*sp.) in pigeonpea: Spraying emamectin benzoate 5 SG @ 0.3g/l at pod maturity controls the field infestation of pulse beetle (*Callosobruchus*sp.). Seed can be stored upto a month without any treatment. Loss can be reduced, hence enhanced B:C ratio (7.2:1)	20	689
		Management of fall armyworm (*Spodoptera frugiperda*) in maize: For management of fall armyworm (*Spodoptera frugiperda*) in maize when infestation is noticed, apply spinetoram 11.7 SC @ 0.5ml or emamectin benzoate 5 SG @ 0.4g or chlorantraniliprole 18.5 SC @ 0.4g or thiodicarb 75 W.P. @1g/liter of water to the infested leaf whorl. Note: Since larvae of fall armyworm feed inside the leaf whorl, spray should be targeted only to leaf whorl.	80	183325
		Management of rodents in paddy: Place Snap traps @ 50/ha (Continuously 3 nights) at tillering stage and apply 2 per cent Bromadiolone CB (0.25 %) bait in burrows and bunds at Panicle formation stage of the crop. Loss can be reduced, hence enhanced B:C ratio (12.6:1). Note: For preparation of 1.0kg poison bait, add 450g rice, 450g ragi, 50g groundnut kernels, 50g groundnut oil and mix thorouly with 20g of Bromadiolone powder. Prepare paper pockets containing 10g poison bait to be placed in field.	50	30,000
		Management of blast disease in Rice: Isoprothiolane 40%EC @ 1.5 ml/L was	35	55416.2

		effective in managing the leaf blast disease by recording 65-66 per cent disease reduction and 25-26 per cent increased yield with B:C ratio of 1.92:1. Spraying of isoprothiolane 40%EC @ 1.5 ml/L at 5% panicle emergence stage was effective against neck blast by recording 80-81 per cent disease reduction and 80-81 per cent increased yield with B:C ratio of 1.98:1.		
		Management of blast disease in finger millet: Seed treatment with chitosan 2g/kg of seed followed by spraying of *Pseudomonas fluoroscens* + *Trichoderma* viride talc each 5g per litre of water at and grain filling stage was effective against blast by recording 75 per cent disease reduction and 55-60 per cent increased yield with B:C ratio of 2.7:1.	15	9600
		Management of Pigeonpea sterility mosaic disease: Fenpyroximate 5% EC @1 ml/L at 25 and 40 days after sowing controlled the disease upto 41% and the increase in yield was 67% compared to the unsprayed control with the B:C ratio of 2.08:1.	38	4500
		Management of Alternaria leaf spot disease in cotton: Foliar spray with Pyraclostrobin 20% WG @ 500 grams/ha has reduced the disease incidence of 64.1 per cent and increased the yield by 187 per cent over the untreated control and recorded the B:C ratio of 2.56:1. Hence Pyraclostrobin 20% WG @ 500 grams/ha is recommended to manage the Alternaria leaf spot disease in cotton.	52	1595
		Management of downy mildew disease in maize: Seed treatment with Metalaxyl M 31.8 ES @ 2.4 ml/kg of seed and foliar spray with Azoxystrobin 18.2% w/w + Difenoconazole 11.4% w/w SC @ 0.1% at 30DAS has reduced the disease incidence of 98.3 per cent and increased the yield up to 4.8 times over the untreated control and recorded the B:C ratio of 1.71:1.	52	1595
		Management of yellow mosaic virus in ridge gourd through integrated	34	160

		approach: Before sowing: Intercropping with two rows of border crops of maize 30 days before sowing (1 kg/acre), Soil application of *Pseudomonas fluorescens* along with neem cake (1 kg *Pseudomonas fluorescens* in 100 kg neem cake), Sowing time: Seed treatment with Thiomethaxam 70 WS–5g/kg seeds, Mulching with black silver mulch, 20 Days After Sowing: Spraying of seaweed extract (1.5 ml/1itre of water), Installation of 10 yellow sticky traps, Thiamethoxam 25% WG @ 0.3 g/litre of water, 45 DAS: Imidacloprid 17.8 SL@ 0.5ml/litre of water		
		Management of Turcicum Leaf blight of maize: Spray twice one at 35 & 50 DAS of Azoxystrobin 18.2% w/w + Difenoconozole 11.4% w/w SC @ 0.10% was effective against blight disease by recording 75-78 per cent disease reduction and 75-78 per cent increased yield with B:C ratio of 3.2:1.	32	2750
		Management of mulberry leaf roller: When the mulberry garden is infested by mulberry leaf roller, *Diaphania pulverulentalis* (Hampson), spray Chlrorfenapyr 10% SC 1.5 ml/L of water. This has minimal effect on silkworms (5-11% deficacy and Pesticides ERR on worms: 88-93 %). Note: Use mulberry leaves for silkworm rearing only 20 days after the spray of insecticide.	70	30000
		Management of Mites in Mulberry: Spray propargite 57EC @ 1.5 ml per litre of water by drenching all the apical leaves of mulberry plant. If the infestation is severe, repeat the same spray at an interval of seven days from first spray. This pesticide has no significant ill effects on quality of cocoons. Note: Use mulberry leaves for silkworm rearing only 16 days after the last spray of insecticide.	5	2000
2	2022-23	**Varieties recommended for release**		
		• Paddy: KMP-225	0.009	600
		• Paddy: RNR-15048*	0.26	18000
		• Maize Hybrid: MAH-14-138	2	128
		• Browntop millet: GPUBT-2	12	14.4

		• Field Bean: HA-5	10	500
		• Niger: KBN-2	10	500
		• Sesamum: GKVKS-1	15	1000
		• Castor: ICH-66*	55	5000
		• Fodder sorghum: CNFS-1		
		• jack fruit: Lal bagh	45-50	100
		Technologies recommended for inclusion in Package of Practices		
		Six frame hives for *Apis cerana*: The initiation of honey was earlier in 6 frame hives compared to 8 frame hives (as in PoP). The absconding behavior was more in 8frame hives (28%) compared with 6 frame hives (16%). Similarly, the swarming behavior was recorded higher with existing ISI-8frame hives. The growth and development of colony is significantly higher in 6 frame hive compared to 8 frame hive. Hence the use of 6 frame bee hives will be more suitable for higher honey production.	45	-
		Pollen substitutes and its feeding methodology in *A. cerana* colonies: Honey bees showed better acceptance when pollen substitutes were fed through parchment paper followed by petriplates and polyethene cover. Following Pollen substitutes (in gms) when supplied reduced the absconding activity during dearth period. Pollen sustrates are: Ragi flour+Milk Powder+Yeast+Honey (1.88+1.88+1.25+5) or Ragi flour+Horlicks powder+Honey (1.88+3.12+5) or Yeast+Bengal gram+Milk powder+Sugar (4.2+0.4+0.4+5) or Green gram flour+Milk Powder+Yeast+Honey (1.9+1.9+1.2+5) or Green gram flour+Horlicks powder+Honey (1.9+3.1+5) or Soy flour+Wheat flour+Yeast + Sugar + Dark rum (1.8+1.8+1.2+5+0.2)	78	-
		Optimization of seed rate for tractor operated drill sown finger millet: Seed rate of 8 kg/acre is found to be optimum for sowing finger millet using tractor drawn seed drill compared to 20 kgs/acre	10	400000

		seed rate in broadcasting method saving upto 12 kg/acre seeds.		
		Studies on pre-emergence chemical weed control in drum seeded rice: Bensulfuron methyl (0.6% G) @ 60 g + Pretilachlor (6% G) @ 600 g ai/ha (10 kg/ha) at 5 days after sowing as pre-emergence sand mix (25 kg/ha) application in drum seeded rice recorded statistically on par grain yield and weed control efficiency (4853 kg/ha and 95.72% respectively) as compared to two hand weeding (4871 kg/ha and 94.35% respectively).	20	200
		Nitrogen Management in Bajra Napier Hybrid grass for higher green forge yield and quality: Application of nitrogen @ 315 kg /ha after each cut (6-7 cuts per annum) in equal splits significantly recorded higher green forage yield (1331 q/ha), dry matter yield (301 q/ha) and crude protein yield (23.2 q/ha) with high net monetary returns (Rs.82,926 /ha) and B:C ratio (2.73:1).	21	3,150
		Package of practices for Browntop millet: Chapter on Browntop millet is included in the package of practices with details on variety, soil, land preparation, seed rate, time of sowing, method of sowing,nutrient requirement, intercropping, weed management, plant protection and harvest.	70	100
		Spacing & organic nutrient management under organic farming of Foxtail millet: Spacing at 30x 7.5 cm. 7.5 t/ha Farm yard manure as basal dose + 125% Nitrogen (50 kg N/ha) equivalent organic manure through compost (if compost has 0.8% N content then apply 6.25 t/ ha compost)	2	300
		Spacing & organic nutrient management under organic farming of Littlemillet: Spacing at 30x 7.5 cm. 7.5 t Farm yard manure as basal+125% Nitrogen (25 kg N/ha) Equivalent organic manure through compost (if compost has	5	550

		0.8% N content then apply 3.125 t/ ha compost)		
		Spacing & organic nutrient management under organic farming of Kodomillet: Spacing at 30x7.5 cm. 7.5 t Farm yard manure as basal+125% Nitrogen (25 kg N/ha) Equivalent organic manure through compost (if compost has 0.8% N content then apply 3.125 t/ha compost)	1	150
		Spacing & organic nutrient management under organic farming of Browntopmillet: Spacing at 30x7.5 cm. 7.5 t Farm yard manure as basal+125% Nitrogen (25 kg N/ha) Equivalent organic manure through compost (if compost has 0.8% N content then apply 3.125 t/ha compost)	1	60
		Spacing & organic nutrient management under organic farming of Prosomillet: Spacing at 30x7.5 cm. 7.5 t Farm yard manure as basal+125% Nitrogen (25 kg N/ha) Equivalent organic manure through compost (if compost has 0.8% N content then apply 3.125 t/ha compost)	1	60
		Spacing & organic nutrient management under organic farming of Baranyardmillet: Spacing at 30x7.5 cm. 7.5 t Farm yard manure as basal + 125% Nitrogen (25 kg N/ha) Equivalent organic manure through compost (if compost has 0.8% N content then apply 3.125 t/ha compost)	1	60
		Schedule of Water soluble phosphorus for Sugarcane crop through Micro Irrigation: Providing recommended phosphorus through fertigation with water soluble phosphorus fertilizers @ 25 per cent up to 60 days after planting and remaining 75 per cent up to 180 days after planting enhances the phosphorus use efficiency and increases the cane yield by 30 percent.	10	6000
		Use of newly formulated micronutrient mixture for enhanced growth and yield of paddy in alkaline soil: Foliar spray of micronutrients mixture @ 10g/l at 30 and	20	50

		45 days after transplanting along with the recommended fertilizer reduces chaffyness by 38.4 per cent, enhances grain (15.2%) and straw yield (20.5%) with B:C ratio of 1.4:1.		
		Application of Phosphorus enriched compost for improved soil properties and enhanced yield under ragi –cowpea cropping systems: Application of 100 per cent nitrogen and potassium along with 50 per cent phosphorus through enriched compost (P source used for the enrichment is rock phosphate) to phosphorus rich soil recorded B:C ratio of 2.90:1, highest ragi grain (2483.1 kg/ha) & straw (3943.2 kg/ha) yield as compared to 100 per cent recommended dose of fertilizers with FYM (Grain: 2276 kg/ha & straw: 3551 kg/ha).	1	40
		UASB Blackgram micronutrient mixture (MMF1 & MMF2) for enhanced growth and yield of Blackgram: Application of 750 g/acre of UASB black gram micronutrients mixture MMF1 (Fe + Mn + Zn + Cu + Mo) at 20 days and application of 1 kg/acre of UASB black gram micronutrient mixture MMF2 (Fe + Mn + Zn + Cu + Mo+ B) at 40 days after sowing will enhance black gram yield by 25.37 per cent with the B:C ratio of 3.18:1.	34	834
		UASB Greengram micronutrient mixture (MMF1 & MMF2) for enhanced growth and yield of Greengram: Application of 750 g/acre of UASB green gram micronutrients mixture MMF1 (Fe + Mn + Zn + Cu + Mo) at 20 days and application of 1 kg/acre of UASB green gram micronutrient mixture MMF2 (Fe + Mn + Zn + Cu + Mo+ B) at 40 days after sowing will enhance green gram yield by 34.33 per cent with B:C ratio of 3.34:1.	45	964
		Sugarcane trash decomposition using microbial consortium: Spread the trash after the harvest in alternate rows and irrigate the field. Spread 10kg/acre of urea	60	33500

		and microbial consortium (10% cowdung + 4 kgs/acre of microbial consortium: *Phanerochete* + *Aspergillus* + *Pleurotus* + *Trichoderma* + *Pseudomonas* + *Bacillus* + *Cellulomonas in* 400 l of water) over the irrigated trash. After 30 days, turn the trash and repeat the same application. Within 75-90 days of application, the trash decomposes and supplies nutrients to the ratoon crop. This saves 25-30 per cent of chemical fertilizer application and enhances soil fertility.		
		Spinetoram 11.7 SC Seed treatment of pulses for managing pulse beetle during storage: After threshing, the pulse seeds should be dried to bring down the seeds moisture below 10 per cent. Then treat the pulse seeds with spinetoram 11.7% SC @ 2.5 ml + 50 ml water/10 kg seed. Shade dry the treated seeds for 3 to 4 hours and store the seed in gunny bag. The treated pulse seed are free from pulse beetle infestation up to 6 months of storage. It also helps in maintaining the seed quality parameters up to 12 months of storage.	100	8000
		Management of wild boar in groundnut field: Fixing of nylon net around the border of the groundnut field up to 4 feet height from the ground and trailed on the ground up to 2 feet and covered with soil significantly reduced the wild boar menace with B:C ratio of 4.3:1. OR Fixing of used sarees around the border of the groundnut field up to 3 feet height & trailed on the ground up to 3/4 feet & covered with soil significantly reduced wild boar menace with B:C ratio of 3.7:1	25	2000
		Spraying of spinetoram 11.7 SC for management of thrips on chilli: Spraying of spinetoram 11.7 SC @ 1 ml/l of water (1st spray: when the incidence is observed and second spray if required at 15 days after 1st spray), reduced the thrips incidence by 86 per cent and enhanced the yield by 35 per cent with B:C ratio of 3.07:1 compared to untreated control.	25	5200

		Spraying Spinetoram 11.7 SC or chlorantraniliprole 18.5 SC for management of tomato pinworm, *Tuta absoluta:* Spraying of spinetoram 11.7 SC @ 0.75 ml/l of water (1st spray: when the incidence is observed and second spray if required at 15 days after 1st spray), reduced the pinworm incidence by 80 per cent and enhanced the yield by 62 per cent with B:C ratio of 2.19:1 compared to untreated control or Spraying of chlorantraniliprole 18.5 SC @ 0.3 ml/l of water (1st spray: when the incidence is observed and second spray if required at 15 days after 1st spray), reduced the pinworm incidence by 72 per cent and enhanced the yield by 56 per cent with B:C ratio of 2.11:1 compared to the untreated control.	25	5200
		Spraying of Flonicamid 50 WG for management of sucking pest in Cotton: Spraying of Flonicamid 50% WG @ 0.3g/l at 45 days after sowing and 2nd spray when the sucking pests crosses the ETL recorded least population of sucking pests (whiteflies, thrips, leafhoppers and aphids) and higher seed cotton yield (20.20 q/ha) with B:C ratio of 3.14:1.	80	30000
		Management of rugose spiraling whitefly on coconut using bio rational insecticides: Spraying on lower surface of coconut palm leaves with azadirachtin 1% @ 2 ml recorded 41.92 and 54.64 per cent reduction in nymphal population of spiraling whitefly at 5 and 10 days after spraying and 39.55 and 63.96 per cent reduction in adult population OR Spraying with neem oil @10 ml + soap 10 gram recorded 55.12 and 58.11 per cent reduction in nymphal population of spiraling whitefly at 5 and 10 days after spraying and 51.79 and 61.57 per cent reduction in adult population	10	8000
		Spraying of entomopathogenic fungi, *Lecanicillium lecanii* for management of rugose spiraling whitefly in Coconut ecosystem: Spraying eco-friendly	6	6000

		entomopathogenic fungi, *Lecanicillium lecanii* @ 5g/l (cfu $2x10^8$/g) of water on lower surface of coconut leaves recorded 40.23 and 64.32 per cent reduction in nymphal population of spiraling whitefly at 5 and 10 days after spraying and 44.73 and 90.37 per cent reduction in adult population		
		Spray of chitosan for management of Sheath blight disease in Rice: Two sprays of chitosan 1 g/l of water at 30 and 60 days after transplanting reduced the rice sheath blight incidence by 62.90 per cent. The yield increased by 35-40 per cent with 52 per cent reduction in grain chaffiness and B:C ratio of 2.46:1.	17	3439
		Seed treatment with *Pseudomonas* and spraying Trycyclazole & Mancozeb for management of Neck and Finger blast in Finger millet: Seed treatment with *Pseudomonas fluorescens* talc formulation @10g /kg of seed followed by spraying of Trycyclazole 18%+ Mancozeb 62%@ 0.5g/l of water at the time of flowering and if required, second spray at 10-15 days interval was effective in the management of neck and finger blast. It also enhanced the grain yield (2691 Kg/ha) and fodder yield (3900 Kg/ha) with B:C ratio of 2.45:1.	25-30	90000-95000
		Soil drenching of Bleaching Powder and application of Streptocycline sulphate for management of bacterial stalk rot of maize: Soil drenching of Bleaching Powder @ 0.1 g/l + Streptocycline sulphate @ 0.4 g/l around the infected plants reduced the disease incidence by 74 per cent and increased the yield up to 141.4 per cent with B:C ratio of 2.18:1 as compared to untreated control.	11	307
		Integrated disease module for management of Turcicum leaf blight in Maize: Seed treatment with *Trichoderma harzianum* @ 10g/kg seed + foliar application of Nimbicidine @ 5ml/litre @ 35 DAS, followed by Azoxystrobin 18.2%	30	200000

		+ Difenoconazole 11.4% (Amistar Top) spray @ 1 ml/ litre of water at 45 days after sowing reduced the disease incidence by 65 per cent and increased the yield by 75 per cent with 3.8:1 B: C ratio.		
		Spraying of Propiconazole for management of Leaf blight in brown top millet: Spraying of Propiconazole 25% EC @ 1 ml/l at 35-40 days after sowing (when the leaf blight symptoms are observed) was effective in reducing leaf blight incidence by 65.43 per cent and increased grain yield by 191.1 per cent with 2.28:1 B: C ratio.	15-20	25400
		Spraying of Mancozeb + Carbendazim for management of Rust in cowpea: Spraying of Mancozeb 63% + Carbendazim 12% WP @ 2g/l at 35-40 days after sowing (when rust symptoms are observed: 2-3 rust pustules) was effective in reducing rust incidence by 65.81 per cent and increased yield by 81.48 per cent with 3.17:1 B:C ratio.	20-30	9000-12000
		Spraying of Hexaconazole for Management of Cercospora leaf spot in Cowpea: Spraying of Hexaconazole 5% SC @ 2ml/l at 35 days after sowing (when leaf spot symptoms are observed) was effective in reducing cowpea leaf spot by 64 per cent & increased yield by 78.39 per cent with 3.87:1 B: C ratio.	20-30	9000-12000
		Management of *Alternariaster* leaf spot: Seed treatment with 12% Carbendazim + Mancozeb 63% WP @ 2g/kg seed followed by two foliar sprays with Difenconazole 25% + Propiconazole 25% @ 0.25mL/L (First spray at the onset of incidence or 45 days after sowing and if required second spray should be given 15 days after 1st spray) reduces the disease by 64.38 per cent over check, with 28.4 per cent increase in yield and 18.31:1 B:C ratio. In addition, it also controls powdery mildew disease in the crop.	0.2	100000
		Spraying of Azoxystrobin & Difenconazole for management of Powdery mildew in chilli: When	27	10000-15000

		symptoms are observed, spraying of Azoxystrobin 18.2% + Difenconazole 11.4 % @ 1.2 ml/l two times at an interval of 15 days was found to be effective in reducing disease incidence by 83 per cent with 2.03:1 B:C Ratio		
		Spraying of Tebuconazole & Trifloxystrobin for management of powdery mildew in mango: Spraying of Tebuconazole 50% + Trifloxystrobin @ 0.4 g/l during flowering and if disease persists 2nd spray in the interval of 30 days was found to be effective in reducing the disease incidence by 85 per cent with B:C Ratio of 13.11:1	36	25000
		Spraying of fungicides for management of black spot of papaya: Spraying of Mancozeb 50 WP 2g/l, Difenoconazole 25 EC 1ml/l and Tebuconazole 50 + Trifloxystrobin 25 WG 0.5 g/l after disease initiation at fifteen day interval was found effective in reducing 83.95 and 88.44 per cent black spot symptoms on leaves and fruits respectively with B: C ratio of 3.25:1 and the fruits could be harvested fifteen days after the spray for edible purpose.	8.35	1345
		Foliar spray of cultivated sea plant (*Kappaphycus* sp.) extract for enhanced growth and development of mulberry and silkworm: Foliar spray of cultivated Sea Plant Extract (*Kappaphycus* sp.) LBS 13 @ 1.5 ml/l acts as growth promoter in mulberry (Chlorophyll: 30 days after pruning – 2.37 mg/g, 45 days – 2.55 mg/g, 60 days – 3.85mg/g) and helps in reducing incidence of NPV infection (larval mortality: 3.3% & disease incidence: 11.3%) in silkworm	0.47	320
3	2023-24	**Varieties recommended for Release**		
		• Ragi: ML-322	20	2000
		• Little Millet: GPUL-11	17	8
		• Proso Millet: GPUP-32	22	40
		• Sunflower Hybrid: KBSH-85	30	6120
		• Jackfruit: GKVK Red Jack	35-40	83
		Technologies recommended for inclusion in Package of Practices		

		Weed management with post-emergence herbicides in kodo millet: Spraying of metsulfuron methyl (10%) + chlorimuron ethyl (10%) WP-20 WP (2+2) powder 8g/acre as post-emergence herbicide or 2,4-D sodium salt 80 % powder (375 g/acre) mixed in 200 l of water when weeds are at two to four leaf stage reduced the weed density by 97% and 63% respectively compared to unweeded control with increase in yield by 92% and 61% and B:C by 2.13 and 1.79 respectively.	3.3	64
		Suitable spacing for enhance yield in browntop millet: Sowing seed with 18 inch row to row spacing and 4 inch plant to plant spacing compared to current recommendation (12 inch spacing: grain: 11.7 q/ha and fodder: 2.3 ton/ha) resulted in 20% higher grain yield (14.1 q/ha) and fodder yield (17.9%, 2.7t/ha) with B:C ratio (2.74:1).	50	200
		Suitable sowing windows in foxtail millet in the context of climate change: Sowing foxtail millet in the first fortnight of July compared to the current recommendation (August: grain: 11.8 q/ha; fodder: 2.2 t/ha) recorded 19.5% higher grain yield (14.1q/ha), 20% higher fodder yield (2.6 t/ha) with B:C ratio of 2.35:1.	50	200
		Suitable sowing windows in browntop millet in the context of climate change: Sowing browntop millet in the first fortnight of July compared to current recommendation (June: grain: 9.7 q/ha & fodder: 2.1 t/ha) recorded 18.6% higher grain yield (11.5 q/ha), 16.5% higher fodder yield (2.4 t/ha) with B:C ratio of 2.3:1.	30	300
		Fertigation in aerobic rice: Recommended nitrogen (100kg/ha) and potash (50 kg/ha) fertilizers divided into 12 equal proportions and applied once a week starting from sowing to grain filling stage through fertigation enhanced the B:C ratio (2.58:1 to 3.11:1), fertilizer	12	40

		utilization efficiency from 40% to 75% and yield by 17% (58 q/ha to 68 q/ha).		
		Weed management with post-emergence herbicides in sunflower: Whenever pre-emergence herbicides cannot be used, apply post-emergence herbicide, quizalofop-p-ethyl 5% EC @ 1.5ml/l at 15-20 days after sowing (when weeds are at two to three leaf stage) and one intercultural operation @ 30 DAS reduced the weed density by 75% and increased the yield by 13% with reduction in cost (B:C ratio of 3.11:1) of weed management by 60%.	55	350
		Post-emergence chemical weed control in paddy wet nursery: Spraying of bispyribac sodium (10% SC) @ 7.5 ml/15 l of water as post-emergence herbicide on 12th day after sowing in 3 gunta area of wet nursery bed when weeds are at 2-4 leaf stage reduced weed count by 99% and dependency on laborers.	50	2625
		Post-emergence chemical weed control in paddy dry nursery: Spraying of bispyribac sodium (10% SC) @ 7.50 ml / 15 l of water as post-emergence herbicide on 12th day after sowing in 3 gunta area of dry nursery bed when weeds are at 2-4 leaf stage reduced weed count by 95-99 % and dependency on laborers.	60	3150
		Utilization of Slag Based Gypsum for sustainable yield in maize: Along with the recommended dose of fertilizer, application of slag-based gypsum @ 180 kg/acre enhanced the yield by 16.5% with B:C ratio of 2.38:1 or application of commercially available gypsum @ 180 kg/acre once a year in maize crop before sowing enhanced the yield by 12.1% with B:C ratio of 2.33:1.	20	20000
		Utilization of Slag Based Gypsum for sustainable yield in paddy: Along with the recommended dose of fertilizer, application of slag-based gypsum @ 180 kg/acre enhanced the yield by 14.7% with B:C ratio of 1.88:1 or application of commercially available gypsum @ 180	10	13400

		kg/acre once a year in paddy crop before transplanting enhanced the yield by 9.9% with B:C ratio of 1.83:1.		
		Mechanized Drum Composter–A simple method of composting waste: In this method, wet and dry organic waste materials generated should be mixed in 1:3 ratio all the time. At the time of filling the waste material into the drums, it should be mixed with microbial consortia or cow dung slurry to speed up the decomposition and 60 percent moisture should be maintained. Later, 15-20 rotations of the drums twice a day with a hand-rotating device will speed up the decomposition process by facilitating aeration. By doing these processes, compost will be ready in about 75 days. While, if the drums are mechanically motored and rotated 2-3 times a day for 5 minutes, compost will be ready in about four weeks duration. In this system, the liquid waste produced during the decomposition can be collected in trays below the drums and could be sprayed to the crops in 1:10 ratio of liquid and water. Mechanized drum composter of 50 liter capacity can produce about 30 kg of compost in about 30-35 days.	-	-
		Acetic acid for increasing the storage life of oyster mushroom (*Pleurotus eous*): Treating 1 kg of oyster mushroom with 480 ml of 1% acetic acid for 10 minutes then air dry for 2 minutes and packed in tight High Density Polyethylene (HDPE) bags and storing in refrigerator at 4°C enhanced the shelf life of oyster mushroom by 6 days with an expenditure of Rs. 3.70 per kg mushroom.	30	-
		Application of liquid biofertilizer through drip irrigation in sugarcane: Application of liquid biofertilizer microbial consortia (Azotobacter + *Azospirillum* + *Pseudomonas* + *Bacillus*) mixed in 200 l of water @ 2 l/acre at 30 and 60 days after planting along with recommended 75% fertilizers through	70	37000

		drip irrigation increased the nutrient availability and microorganisms in the soil and reduced the fertilizer requirement by 25% with 168 t/ha yield and 2.36:1 B:C ratio.		
		Mechanization in Potato Cultivation: Tractor operated potato planter - In modern mechanized potato farming, whole tubers can be planted with a tractor-driven potato planter. About 1 quintal of sowing tubers can be stored in this planter and it forms one foot raised beds. Two people can sit behind the planter and put the tuber into the measuring wheel where tubers will be placed at a depth of 10-12 cm by covering the tuber with the soil about 4-5 cm, simultaneously using soil cover plate. Through this, sowing of 1 acre area can be done in 2 hours. Germination to the extent of 88% and tuber yield of about 12.6 t/ha can be obtained through this planter while germination to the extent of 72% and tuber yield of about 8.52 t/ha can be obtained through manual sowing. Boom sprayer - Plant protection chemicals can be sprayed in less than 1 hour/acre there by controlling pest and diseases.	5	1230
		Apical Rooted Cuttings of potato for seed tuber production: Disease-free saplings grown in Tissue Culture bottles are selected and roots are carefully separated from culture media. Dip the saplings in 2% fungicide and then transplant to mother bed (a bed prepared with coco-peat). 21 days after transplantation, the first apicals are available to cut. The cut apicals are again transplanted to the mother bed for further multiplication up to two months. Where, each tissue culture sapling produces 100 saplings by the end of two months. After two months and based on the farmers need, apicals are cut and transplanted to portrays. After fourteen days of nourishment, rooted saplings are ready for transplantation in open field conditions.	20	860

		Later, saplings are transplanted by following 60X20 cm spacing and other cultivation practices mentioned in the Package of Practices. Harvesting can be done at 90-110 days and harvested potato tubers are used as G-0 seed material for sowing. This can be used as seed material for three generations. While using rooted cuttings for planting provide recommended chemical fertilizer in four splits at ten days interval in raised beds with need based plant protection measures as in Package of Practices.		
		Management of yellow stem borer in paddy: Broadcasting of granular insecticide, chlorantraniliprole 0.4% GR @ 4 kg/ acre at 20 days after planting reduced the incidence of yellow stem borer by 93% with 75 % enhanced yield (53.2 q/ha) over control and B:C ratio of 2.02:1.	30	10000
		Management of brown plant hopper in paddy: Foliar spray of triflumezopyrim 10 SC @ 0.40 ml/l when 5-10 grasshoppers per stem is observed, reduced the pest incidence to the extent of 99% with B:C ratio of 2.87:1 and 6% to 15% higher grain yield (60 q/ha).	32	10000
		Management of ear head bug in paddy: Foliar spray of fipronil 5% SC insecticide at 2 ml/l of water when 1-2 bugs per plant is observed during milk filling stage reduced the incidence by 96% with 64% enhanced yield (60 q/ha) and B:C ratio of 3.09:1.	27.5	18500
		Management of storage pests in pulses: After threshing the pulses, dry them till the seed moisture is less than 10% and then apply 0.4 ml flupyradifurone 200 SL mixed in 50 ml of water. Later, dry them in shade for 3-4 hours and store in gunny bag. This seed treatment inhibits legume insect infestation (1.5%) up to 9 months with 4.5:1 B:C ratio and preserves the seed quality.	100	6400
		Management of pod fly in pigeonpea: Spraying of lufenuron 5.4 EC @ 1ml /l of	46	5800

		water, twice at an interval of 15 days at pod setting and pod development stages reduced the pod damage by 56% and seed damage by 77% with 20.3% higher yield and B:C ratio of 3.63:1.		
		Management of mirid bug in cotton: Spraying dinotefuran 20 SG @ 0.3 g/l of water at bud setting and fruit development stage reduces the mired count to the extent of 87% and enhanced the yield by 60% (24.4 q/ha) with B:C ratio of 3.41:1.	50	25000
		Management of Invasive thrips in chilli: When the infestation of invasive thrips, *Thrips parvispinus* is detected on chilli, spraying of broflanilide 30% SC @ 0.16 ml/l of water (B:C ratio- 3.31:1 and pest incidence reduction: 92.7%) or fluxametamide 10% EC @ 0.8 ml/ 1 of water (B:C ratio- 3.22:1 and pest incidence reduction: 87.2%) or spinetoram 11.7% SC @ 1 ml / l of water (B:C ratio- 3.01:1 and pest incidence reduction: 84.9%) or tolfenpyrad 15% EC @ 2ml / l of water (B:C ratio- 2.96:1 and pest incidence reduction: 83.6%) is found effective in minimizing the damage. It is suggested not to use any of the above-mentioned pesticides for a second application on the same crop.	75	3375
		Management of diamond back moth in cabbage: When the incidence of diamond back moth is noticed on cabbage, spraying of broflanilide 30% SC @ 0.08 ml/l of water reduced incidence by 97% and enhanced yield (23 t/ha) by 13% with B:C ratio of 3.3:1 or Spraying fluxametamide 10% EC @ 0.8 ml/l of water when we observe the diamond back moth in cabbage reduced incidence by 96% and enhanced yield (21 t/ha) by 12% with 3.1:1 B:C ratio.	65	1695
		Management of peafowl in agricultural crops: Arranging the reflective ribbons of 2 inch width in grid format with a spacing of 6 ft x 6 ft with a twist towards north to south direction around crop area and 2 feet	25	3000

		above the crop canopy significantly reduced the peafowl menace and enhanced the crop yield by 11.5 and 17.8 per cent in ragi and groundnut crop, respectively with the B:C ratio of 1.19:1 and 1.62:1. Arranging the coconut fiber ropes in grid format with a spacing of 6 ft x 6 ft around crop area and 2 feet above the crop canopy significantly reduced the peafowl menace and enhanced the crop yield by 9.6 and 14.9 per cent in ragi and groundnut crop, respectively with the B:C ratio of 1.17:1 and 1.6:1. Note: Ropes/ribbons must be placed immediately after sowing (up to 15-20 days) and during the grain formation stage till harvest, depending on the crop and infestation.		
		Management of fruit fly in ridge gourd: When fruit fly damage is found in ridge gourd, spraying the mixture of cyantraniliprole 10.26 OD @ 1.8 ml and 10 g jaggery/ l of water, followed by need based second application with the mixture of spinosad 45 SC @ 0.3 ml and 10 g jaggery /l of water after 15 to 20 days of first spray reduced the incidence by 92% and enhanced yield by 24% (81q/ha) with B:C ratio of 3.6:1.	30	600
		Management of bacterial blight in paddy: Seed treatment with 0.5 g streptocycline + copper oxychloride 1 g/l of water (soak whole seeds overnight) along with spraying 0.2 g streptocycline + copper oxychloride 1g/l liter of water as soon as the disease is observed will reduce the disease by 79% with enhanced yield (38 q/ha) and B:C ratio of 3.11:1.	12.64	2630
		Management of rust disease in foxtail millet: Seed treatment with 10g *Pseudomonas fluorescens* talc based powder per kg of seed and spraying with azoxystrobin 23% SC @ 1ml/l of water at 40-45 days after sowing followed by spraying with *Pseudomonas fluorescens* talc based powder 10g/l of water at 50-55	20-30	35000-45000

		days after sowing will reduce the disease by 89% with enhanced yield (15 q/ha) and B:C ratio of 2.86:1.		
		Management of anthracnose in chilli: Spraying tebuconazole 50% + trefloxystrobin 25% @ 0.4 g/ l of water as soon as the disease is observed and 2nd spray at an interval of 15 days reduces the disease incidence by 80% and enhances yield (34.8 q/ha) with 2.35:1 B:C ratio	9	10000
		Integrated management of leaf curl virus disease in chilli: Two rows of multi-harvest fodder maize should be grown before 45 days along the borders of the field. Chilli seedlings grown for 35 days under 50X nylon mesh net should be transplanted in the mid of the silver reflective mulch row cover. Spray 0.5 ml of Imidacloprid (17.8 % SL) or 2 ml of Afidophyropen (50 g/l) per l of water at 15th and 70th day after planting. Sea plant biomolecule (*Kappapycus alviraizi:* LBD-12/AGFORT/TOMOTUFF) 1.5ml/l of water should be sprayed on 21st, 35th, 49th and 63rd day of transplanting. Neem oil (5000 ppm) @ 5 ml per l of water should be sprayed on 28th and 56th day of transplanting. Thiamethoxam (25 WG) at 0.5 g/l water should be sprayed at 6th week after transplanting. With adoption of this technology, the severity of the disease is around 3 to 7.3% with 44.3% higher yield (5.7 t/ha) and B:C ratio of 6.3:1.	18	55
		Management of early blight in tomato: Spray azoxystrobin 18.2% + difenconazole 11.4% SC @ 1 ml /l of water as soon as the disease is observed and the second spray at an interval of 15 days reduces the disease incidence by 70% and yields 31.2 q/ha with B:C ratio of 2.26:1.	21	20000
		Sugarcane deskinner tool: Food grade SS 304 material is used for the fabrication of sugarcane deskinning tool. This deskinning tool consists of a cylindrical shaft, curved blade, frame, hinges, and handle. A cylindrical shaped shaft (5cm) is	2	5

		divided into three parts to accommodate the varying circumferences and joined by hinges and the height of the knives is 15 cm, 8 cm and 5 cm respectively. While operating the tool, it should be held in right hand, as four fingers come on the left side and a thumb on the right side. At present most of the automatic and semi-automatic deskinning machines are available, but they are very expensive and making it difficult for small scale roadside vendors and consumers to use. As compared to manual peeling with knife, the developed deskinner at different diameters showed reduction in deskinning time and increase in juice quantity and quality.		
		Improved hand weeder for row crops: This tool is designed for one-foot (30 cm) row spacing crops. It has a total of five tynes, three in front and two in back so it is suitable for all types of soil and crops. Its shovels are made of high carbonated iron and each shovel is 4 cm wide. Working width between the rows is 20 cm, where in simultaneous removal of weeds, loosening the top soil and opening the small furrows between the rows can be done. This tool can be pulled by rope by one person in the front and another person can hold it with both hands from behind. Weeding efficiency of the improved hand weeder is around 95% while efficiency of cycle weeder is around 80%. Cost of the hand weeder is around Rs.3,300/-	5	200000
4	2024-25	**Varieties recommended for Release**		
		Maize Hybrid: MAH-15-84	2	85
		Cowpea: KBC-12	2	182
		Sunflower Hybrid: KBSH-90	10	470
		Bajra Napier: PBN-342	-5	4200
		Technologies recommended for inclusion in Package of Practices		
		Priming technology in Paddy: Priming the seeds for 30 hrs in water then drying it for 24 hrs after that coating uniformly with *Trichoderma harzianum* @ 15g/Kg and drying for 30 minutes before sowing has	28	31500

		increased the plant stand 85.25 % and seed yield 43.07 q/ha with B:C ratio of 1.31:1.		
		Revalidation of date of sowing and varieties of paddy for late transplanting under delayed monsoon in the context of climate change: In transplanted rice for extended sowing due to delayed monsoon in the context of climate change, the nursery sowing taken up to 30 days delayed condition for rice varieties *viz.*, IR 64, MTU 1010 and Jyothi recorded statistically similar yield (4296 to 5928 kg/ha) as compared to their normal dates of sowing. Similarly, the nursery sowing taken upto 15 days delayed condition for rice varieties *viz.*, Raksha, Hamsa, Rasi and KMP-175 recorded statistically similar yield (4943 to 5858 kg/ha) as compared to their normal dates of sowing.	10	700
		Revalidation of biofertilizer for transplanted rice: In transplanted rice, application of microbial consortium (*Azospirillum* + *Bacillus* + *Pseudomonas* + *Trichoderma*) @ 5.0 kg/ha by mixing with 25kg FYM at 10 days after transplanting recorded 19.5% higher grain yield (6362 kg/ha) and B:C Ratio (1.99:1) as compared to treatment without microbial consortium.	8	5600
		Weed management through post-emergence herbicide in direct seeded rice: Post-emergent application of triafamone + ethoxysulforon 30 WG (RM) @ 80 g/acre in 200 litres of water applied at 15 days after sowing followed by Weeding through Cycle weeder after 35 days of sowing recorded significantly higher yield (39.8 q/ha), lower total weed population during 30 (25.9 /m^2) and 45 days (28.6/m^2) after application with higher net returns (Rs. 35,226) and B:C (2.54:1) ratio.	23	1115
		Weed management in maize through post-emergence application of Topramezone: Post-emergence application of Topramezone 33.6% SC @ 100 ml/ha recorded significantly lower	38	95000

		total weed population during 30 (2.64 /m^2) and 45 days (4.28/m^2) after application with higher net returns (Rs. 88,753) and B:C (2.55:1) ratio while at par kernel yield (78.93 q/ha) as that of hand weeding twice at 20 and 40 DAS (80.28 q/ha).		
		Effect of micronutrients mixture application on growth and yield of maize under different methods of NPK management: Foliar application of micronutrient mixture along with recommended fertilizers at 50 days after sowing recorded significantly 9.75% higher kernel yield (8691 kg/ha) and stalk yield (11877 kg/ha) with highest gross returns (Rs. 1,74,313) and net returns (Rs. 1,06,052) and B:C ratio (2.55:1) compared to recommended dose of fertilizers.	15	37500
		Impact of liquid biofertilizer consortium on system productivity of transplanted Finger millet: Soil application of liquid biofertilizer consortia (6.25 litre mixed with 500 kg FYM/ha and applied in furrows at sowing along with RDF) has yielded 15.32% higher grain (29.04 q/ha) and 14.86 % higher straw yield (62.77 q/ha) with a benefit cost ratio of 2.53:1 as compared to the recommended practice (application of 7.5 t/ha farmyard manure along with 50:40:37.5 $N:P_2O_5:K_2O$ kg/ha; grain yield: 25.18 q/ha and straw yield: 54.65 q/ha).	20	150
		Effect of planting geometry and planting on growth and yield of Finger millet in guni method: Guni method of Ragi cultivation: Guni method of cultivating (transplanting finger millet in guni(pit) with 30 cm x 30 cm spacing, farmyard manure application at 12.5 t/ha equally distributed among all pits followed by planking operation at 20 and 40 days after transplanting) has resulted in 23% higher grain (31.6 q/ha) and 18.8 % higher straw yield (61.5 q/ha) with a benefit cost ratio of 2.99:1 as compared to	25	200

		the recommended practice (7.5 t/ha farm yard manure and transplanting - grain yield: 25.6 q/ha and straw yield: 51.71 q/ha).		
		Foliar application of 19:19:19 fertilizer for yield enhancement in Cowpea: Foliar application of water soluble 19:19:19 fertilizer @ 10 g/l during flowering and pod filling stage along with recommended dose of fertilizer (RDF: 25:50:25 N:P:K kg/ha) enhanced yield (1520 kg/ha) by 17%, net income (Rs. 53,027 /ha) and B:C ratio (3.27:1) in cowpea compared to RDF with unsprayed treatment (1290 kg/ha, Rs. 44,399 /ha and 3.14:1 respectively).	20	10000
		Intercropping of fodder grasses in Teak: Intercropping of CO-5 Napier fodder grass under teak (12m × 3m spacing) based agroforestry system with spacing of 12m x 3m, recorded higher fodder yield (132.52 t/ha), Gross returns (Rs. 1,32,519 /ha), Net returns (Rs. 75,719 /ha) and Benefit:Cost ratio (2.3:1).	18	170
		Hedge lucerne intercropping with B x N hybrid in paired row system for higher yield: Hedge lucerne intercropping with B x N hybrid in paired row system (2:5) recorded higher Green fodder yield (1873 q/ha), Dry matter yield (368.5 q/ha), Crude protein yield (11.2 q/ha) and net monetary returns (205875 Rs./ha) with B:C ratio of 3.18 as compared to sole crop B x N hybrid [Green fodder yield: 1548.2 q/ha/year, Dry matter yield: 301.1 q/ha/year, Crude protein yield: 27.8 q/ha/year, net returns: Rs.143534/ha/year and B:C ratio: 2.62:1]. The improvement in green forage yield to the tune of 21% increase over sole crop.	7	1050
		Management of rodents in organic cropping system: In natural/organic farming taking up the cultural practices such as deep ploughing before sowing and regular trimming of weeds along with the spraying of botanical product (500g of neem leaves, 500g of glyricidia leaves,	10	200

		500g of vitex leaves, 250g of garlic bulbs are boiled in 10 L of water for 30 min and filtered, to this 250g chilli powder and 2 L of cow urine is added and kept for 3 days and the mixture is diluted to 20 per cent and sprayed) in the vegetative stage (40 DAG) and in the peg formation stage and placing the snap traps @ 50 per hectare for 3 nights continuously, significantly reduced the rodent population by 70.8 per cent with a B:C ratio of 4.4:1. This rodent management module can be used for other crops. Spray the botanical product when the rodent population exceeds the threshold (50 LBC/ha).		
		Pink bollworm (PBW) management in Cotton: Spraying of Spinoteram 11.7 S.C @ 0.75 ml/l at boll development stage reduced the number of PBW larvae (95.23%), green boll damage (98.03%), open boll damage (89.80%) and locule damage (86.99%) and enhanced seed cotton yield (20.71 q/ha) with 15% increase in yield over recommended chemical and maximum B:C ratio (3.45:1).	85	32000
		Management of Rice weevil in paddy seeds during storage: Paddy seeds should be dried to bring down the seed moisture below 10 per cent then Treat the paddy seeds with Azadirachtin 10000 ppm @7.50 ml/kg seeds. Shade dry the treated seed for 3 to 4 hours and store the seed in gunny bag. It protects the treated paddy seeds from rice weevil infestation up to 6 months of storage by retaining the germination percentage of about 96% after 3 months of storage and 92% after 6 months of storage with B:C ratio of 5.5:1.	100	8000
		Management of Maydis Leaf Blight of Maize: Azoxystrobin 18.2% + Difenoconazole 11.4% SC w/w @ 1ml/l (15ml/15l water) reduced the disease by 82.4% and increased the yield by 102.8% compared to the inoculated control, with a benefit-cost ratio of 2:1.	21	644

		Placing Bee hive colonies for pollination in pomegranate: 4 bee colonies per hectare are required during flowering period to enhance the pomegranate yield by 38.4%.	80	-
		Management of TSBV in *Apis cerana*: Providing *Phyllanthus niruri* (2g) + Tulsi (0.5g) + Turmeric (0.5g) dissolved in 250 ml of sugar solution; twice a week reduced the infection of Thai Sac Brood disease by 41.7%.	76	-
		Manually operated Ragi seed cum fertilizer drill: Manually operated Ragi seed cum fertilizer drill (Drum type) is very much suitable to small farmers with fragmented land holdings. By utilizing seed drill two farmers can able to sow 1.5 acres of land per day using 20 kgs of seeds and 70 kgs of fertilizer. It approximately saves Rs. 2000/- per hectare in cost of cultivation by reducing human drudgery and labour dependency.	2	8
		Multi-Crop Processing Machine: Machine is operated with 1hp, single phase electric motor. It is compact and easy to operate with minimum skill and higher efficiency (98%). It can be used for separation of pods (40-50kg/h) from groundnut crop (groundnut stripping), separation of seeds (110-115 kg/h) from groundnut pods (groundnut decortication), separation of seeds (216-234/h) from sunflower ear head (Sunflower threshing) and separation of seeds (217-223/h) from maize cobs (Maize shelling). Separated seeds had recorded less than 4% seed breakage with 95% germination. It would cost 3-4 times less as compared to the total cost of four separate machines that are required for groundnut stripping, groundnut decortication, sunflower threshing and maize shelling. It is suitable for small to medium scale farmers/ processors, startup entrepreneurs and cottage industry.	9 machined sold. Adapted by 7 KVKs. 2 machined for Agro-processing centre (APC)	1. KVK Hadonahalli, Bangalore rural, 2 KVK, Konehalli, Tumkur, 3, KVK Chandurayanahalli Ramangara, 4 KVK VC Farm Mandya, 5 KVK Chinthamni, chikkaballaapur 6. KVK Kandli Hassan, 7 KVK Charmarjanagar, Kokar, 8. APC Gundanmatta, 9 APC Kaalnur, Kolar.
5	2025-26	**Varieties recommended for release**		
		Sorghum: CNGS-1	20	2000

		Sunflower Hybrid: KBSH-88	5	275
		Castor Hybrid: BCH-162	2-3	250-300
		Turmeric: IISR Pratibha*	1	500
		Black Turmeric: CHNBT-1	45	4250
		Technologies recommended for inclusion in Package of Practices		
		Integrated farming systems: Sixty integrated farming systems models that are specific for irrigated, rainfed and semi-irrigated conditions suitable for one hectare and one acre of land in the 10 districts under the jurisdiction of the University of Agriculture, Bangalore have been developed. Adopting Integrated farming systems enhances livelihood and economic sustainability (farmers can earn Rs. 4.36 as profit for every rupee invested) by balancing the agricultural / horticultural crop yield loss due to aberrant weather situations with the income from the subsidiary farming components such as dairy, sheep/ goat rearing, pig farming, beekeeping, mushroom farming, and sericulture.	31.5	1,34,831
		Revalidation of recommended fertilizer dose for medium and long duration paddy varieties: In transplanted paddy, application of 125% Recommended dose of fertilizer (*Kharif*-125:62:62 and Summer- 150:75:75, N: P: K kg/ha) in medium and long duration varieties enhanced the grain yield (6.3 t/ha) by 10.1% and straw yield (7.74 t/ha) by 8.24% with B:C ratio of 2.1:1 as compared to application of 100% recommended dose of fertilizers (*Kharif*-100:50:50 N: P: K kg/ha and Summer- 120:60:60) with yield (5.5 t/ha) and B:C ratio of 2:1.	15	10500
		Use of microbial consortia in small millets & Little millet: Application of 100% RDF (20:20:20 kg/ha) along with seed treatment (5 ml/kg of seed) and soil application of liquid bio fertilizers (6.25 l/ha with 500 kg/ha of FYM applied in furrows during sowing) enhanced grain (15.3 q/ha) and straw yield (3.4 t/ha) as compared to RDF alone (grain: 12.3 q/ha	25	100

		& straw: 2.7 t/ha). i. **Proso millet:** Application of 100% RDF (20:20:00 kg/ha) along with seed treatment (5 ml/kg of seed) and soil application of liquid bio fertilizers (6.25 l/ha with 500 kg/ha of FYM applied in furrows during sowing) enhanced grain (16 q/ha) and straw yield (2.8 t/ha) as compared to RDF alone (grain: 13.8 q/ha & straw: 2.4 t/ha). ii. **Barnyard millet**: Application of 100% RDF (20:20:00 kg/ha) along with seed treatment (5 ml/kg of seed) and soil application of liquid bio fertilizers (6.25 l/ha with 500 kg/ha of FYM applied in furrows during sowing) enhanced grain (23.1 q/ha) and straw yield (5.2 t/ha) as compared to RDF alone (grain: 18.7 q/ha & straw: 4.3 t/ha).		
		Pre or post emergence herbicide application for weed management in soybean: Application of pre-emergence herbicide, diclosulam 84 WDG @ 26 g/ha reduces the weed count (30 DAS: 14 /m^2, 60 DAS: 21 /m^2) and dry weight of weeds (30 DAS: 1.44 g/m^2, 60 DAS: 3.47 g/m^2) and higher yield (18 q/ha), net returns (Rs. 39,918) and B:C ratio (2.38:1) or application of post emergence herbicide fluazifop -p- butyl 11.1% + fomesafen 11.1% SL @ 676 g/ha effectively reduces the weed count (30 DAS: 21.6 /m^2, 60 DAS: 28.3 /m^2) and dry weight of weeds (30 DAS: 2.64 g/m^2, 60 DAS: 4.2 g/m^2) and higher yield (17.6 q/ha), net returns (Rs. 38,730) and B:C ratio (2.36:1).	8.7	201
		Application of organic manures in niger: Under organic conditions, Basal application of two tons compost/farm yard manure + N equivalent of 8 kg Nitrogen through compost/farm yard manure, 500 litres of jeevamrutha should be applied before inter cultivation and spraying 3 per cent panchagavya during flowering stage (6 litres panchagavya can mix it with 200 litres water) recorded yield of 6.6-6.7 q/ha and B:C ratio of 1.94:1 or Basal	1	730

		application of Two tons compost /farm yard manure + N equivalent of 8 kg Nitrogen through compost /farm yard manure, 72 kg Cakes and 250 litres of jeevamrutha should be applied before inter cultivation and spraying 3 per cent panchagavya during flowering stage (6 litres panchagavya can mix it with 200 litres water) recorded yield of 6.4-6.5 q/ha and B:C ratio of 1.89:1. This practice enhanced the organic carbon in soil from 0.45 per cent to 0.82 per cent.		
		Application of organic manures in groundnut: Under organic conditions, Basal application of Three tons compost /farm yard manure + N equivalent of 10 kg Nitrogen through compost /farm yard manure, 625 litres of Jeevamrutha should be applied before inter cultivation and spraying 3 per cent panchagavya during flowering stage (6 litres panchagavya can mix it with 200 litres water) recorded yield of 23 q/ha and B:C ratio of 2.8:1 or Basal application of three tons compost /farm yard manure + N equivalent of 10 kg Nitrogen through compost /farm yard manure, 90 kg Cakes and 313 litres of jeevamrutha should be applied before inter cultivation and spraying 3 per cent panchagavya during flowering stage (6 litres panchagavya can mix it with 200 litres water) recorded yield of 22 q/ha and B:C ratio of 2.74:1. This practice enhanced the organic carbon in soil from 0.41 per cent to 0.89 per cent.	2	1430
		Application of organic manures in sunflower: Under organic conditions, Basal application of three tons compost/farm yard manure + N equivalent of 15 kg Nitrogen through compost/farm yard manure, 938 litres of jeevamrutha should be applied before inter cultivation and spraying 3 per cent panchagavya during flowering stage (6 litres panchagavya can mix it with 200 litres water) recorded yield of 21 q/ha and B:C ratio of 3.11:1 or Basal application of	1	715

		Three tons compost/farm yard manure + N equivalent of 15 kg Nitrogen through compost /farm yard manure, 134 kg cake and 469 litres of jeevamrutha should be applied before inter cultivation and spraying 3 per cent panchagavya during flowering stage (6 litres panchagavya can mix it with 200 litres water) recorded yield of 20 q/ha and B:C ratio of 3:1. This practice enhanced the organic carbon in soil from 0.44 per cent to 0.83 per cent.		
		Revalidation of nutrient management practices to achieve balanced nutrition for high yield castor: Under rainfed conditions, application of recommended dose of fertilizer (40:40:25 N:P: K kg/ha) + 20 kg/ha zinc sulphate followed by foliar application of 2% water soluble 19-19-19 during 35-40 days after sowing enhanced yield (15.9 q/ha) by 13% with higher gross returns (Rs. 86933/ha), net returns (Rs. 57550/ha), and B:C ratio (2.96:1)	23	1800
		Post-emergent herbicide application for weed management in sugarcane: Application (when weeds are in 3-4 leaf stage) of 2,4-D sodium salt 44% + metribuzin 35% + pyrazosulfuron ethyl 1.0% WDG @ 1200 ml/ha effectively reduces the weed population count (1-3 /m^2) and total dry weight of weeds (1-2 g/m^2) and higher cane yield (193 t/ha), net returns (Rs. 3,56,543) and B:C ratio (2.87:1) when compared to application of presently recommended metribuzin 70% WP (yield: 185 t/ha, net returns: 3,29,496 and B:C ratio – 2.74:1) in sugarcane	48	25200
		Post-emergent herbicide application for weed management in cotton: Application of post-emergent glufosinate ammonium 12.8% + metolachlor 30% EW @ 4100 ml/ha effectively reduces the weed count (4-8 /m^2) and total dry weight of weeds (3-10 g/m^2) and higher seed yield (22.3 q/ha), net returns (Rs. 73,988) and B:C ratio (2.32:1) as compared to hand weeding twice at 20 and 40 DAS	12	4500

		(23.1 q/ha) when compared to application of presently recommended metolachlor 50% EC (yield: 15.1 q/ha, net returns: 32,647 and B:C ratio – 1.62:1) in cotton.		
		Intercropping system in cotton: The intercropping systems, cotton + cluster bean (1:2) recorded higher seed equivalent yield (15.8 q/ha), net return (Rs.68473/ha) and BC ratio (1.80:1) and cotton + groundnut (1:2) recorded seed cotton yield of about 14.8 q/ha with net returns of Rs.67028 and 1.84:1 B:C ratio as compared to sole cotton (1206 kg/ha, Rs. 47071 and 1.65:1 respectively) crop.	5	1500
		Standardizing drone-based operations for finger millet and pigeonpea: The height of spray is 1.5 meter above crop canopy with a forward speed of 3 meter per second. Spray volume of 35 l/ha and 55 l/ha for early and later stages of the crop respectively against 500 l/ha in conventional spray for both the crops. About 15 per cent of the chemicals can be saved in drone spray over conventional method. Foliar spray of water-soluble fertilizer and growth hormones (Finger millet: 19-19-19 and KNO_3, Pigeonpea: 19-19-19, pulse magic and KNO_3) through drone distributed them uniformly throughout the crop and resulted in 4-8% higher grain yield compared to conventional spray.	2-3	80000-150000
		Polyhouse based rain water management for sustainable agriculture: Rain water harvesting mechanism installed over the polyhouse using gutter and down pipe connected to storage tank is an ideal rain water conservative measure and further stored water could be used for cultivation. Storage tank of 7,20,000 litres capacity (24m length, 10m width and 3m depth) can be constructed using RCC material over the roof top of poly houses built on 15 guntas area. Irrigation can be scheduled through drip while water soluble fertilizers can be supplied through	1	40000

		fertigation for the entire crop growth period. High value crops like french-bean, brinjal, broccoli, capsicum, pole beans, cherry tomato, lettuce, and spinach are recommended to be grown under this protected practice. This has proved to be a valuable tool especially in dryland areas to increase crop yields by making best use of available water resources for 280-300 days through solar enabled drip irrigation system. Overall, a net income of Rs. 2,71,500 and a B:C ratio of 4.57:1 (from broccoli, capsicum and beans) can be obtained from a 15-gunta polyhouse.		
		Effect of fertigation on yield of maize under paired row planting system: The paired row planting system in maize (30 cm between paired row as well as plants and 60 cm between rows) enhances water and nutrient efficiency by optimizing root zone coverage through drip irrigation. Irrigation is to be provided once in 2-3 days considering the (0.8 Epan value) prevailing climatic condition. 25% of the recommended phosphorus is applied as basal dose through conventional fertilizers. Complete dose of N&K along with 75% of recommended P applied through fertigation scheduled from 15th day to 85th days after sowing at four days interval enhances the grain (70-76 q/ha) and by 14% and fodder yield (21-23 t/ha) by 10 per cent with 2.46:1 B:C ratio as compared to soil application of conventional fertilizers (yield: 62-65 q/ha, fodder: 19-20 t/ha, B:C ratio – 2.43:1).	10	2300
		Effect of fertigation on yield of baby corn under paired row planting system: The paired row planting system in baby corn (30 cm between paired row and 15 cm between plant to plant and 60 cm between rows) enhances water and nutrient efficiency by optimizing root zone coverage through drip irrigation. Irrigation is to be provided once in 2-3 days considering the (0.8 Epan value) prevailing climatic condition. 25% of the	15	2500

		recommended phosphorus is applied as basal dose through conventional fertilizers. Complete dose of N&K along with 75% of recommended P applied through fertigation scheduled from 10th day to 65th days after sowing at four days interval enhances the cob yield (12-13 t/ha) by 15 per cent and fodder yield (27-30 t/ha) by 10 per cent with 2.42:1 B:C ratio as compared to soil application of conventional fertilizers (cob yield: 10-11 t/ha, fodder: 21-26 t/ha, B:C ratio–2.28:1).		
		Plant nutritional recommendations for better plant growth, yield and quality of broccoli: In broccoli planted during October – November months, application of 50% of Nitrogen (75 Kg),100 kg Phosphorous and 75 kg Potassium fertilizers at the time of transplanting and remaining 50% of nitrogen (75 Kg) applied 30 days after transplanting found to have better vegetative growth, quality (head compactness 21.60 g/cm^3), flower head yield (203 q/ha) of broccoli and B:C ratio 3.41:1 as compared to other fertilizer doses (100:63:100 kg NPK/ha: yield: 154 q/ha, B:C ratio – 2.66:1).	23	200
		Optimal plant spacing for better plant growth, yield and quality of broccoli: Broccoli planted during October–November months at a spacing of 45 cm between rows and 45 cm plant to plant within a row (45 cm x 45 cm) was found to have better vegetative growth, quality (head compactness 22.93 g/cm^3), higher yield (178.35 q/ha) and B:C ratio 3.22:1 as compared to other plant spacings (45 cm x 30 cm spacing: yield: 137 q/ha, B:C ratio – 2.31:1).	23	12635
		Management of thrips and mites in mulberry: Spraying abamectin 1.9% EC @ 0.75 ml/l significantly reduced thrips (96.3%) and mites (94.6%) population and increased the leaf yield by 16.9%, effective rate of rearing (98%) and egg recovery (55 g/kg) with B:C ratio of 3.41:1 or Spraying diafenthiuron 50% WP	18.42	12635

		@ 1g/l reduced thrips (95.3%) and mites (93.5%) infestation and increased the leaf yield by 19.9%, effective rate of rearing (98%) and egg recovery (54.6 g/kg) with B:C ratio of 3.38:1		
		Management of pod borers in pigeonpea: Spraying of indoxacarb 14.5 SC @ 0.8 ml/l at bud formation and flowering stage, chlorantraniliprole 18.5 SC @ 0.3 ml/l at pod setting stage and lufenuron 5.4 EC @ 1 ml/l at pod development stage reduces pod borer complex infestation with least per cent pod damage of 9.33 at harvest and enhanced economic yield (2172 kg/ha) with highest Incremental Cost Benefit Ratio (ICBR) of 7.13.	4	7000
		Management of pulse beetle on cowpea and blackgram seeds during storage: Treating 10 kg of cowpea and black gram seeds with broflanilide 300 SC @ 1ml/50 ml water protects seeds from infestation up to 6 months of storage with germination of 88% in cowpea and 86% in blackgram seeds after 6 months of storage with B:C ratio of 4.38:1	100	800
		Rodent management in paddy and sugarcane: Placement of Brodifacoum (0.005% BB) wax blocks in burrows and sides of the bunds (10g wax blocks at 40 places per acre) at tillering and panicle formation stage in paddy crop reduced the rodent population by 83 per cent with B:C ratio of 3.56:1 while twice per month with a duration gap of 15 days from first application (10g wax blocks at 40 places per acre) in the month of August and November in sugarcane crop (or two months after the first month of application) significantly reduced the rodent population by 84 per cent with B:C ratio of 4.9:1.	6	200
		Management of rice gall midge in paddy: Foliar spray of fipronil 5 SC @ 2 ml/l was highly effective in reducing the gall midge population over presently recommended chemicals (140% better	16	5000

		than monocrotophos and 86% better than carbofuran) and enhanced yield (61.6 q/ha) by 17-21 per cent with B:C ratio of 3.25:1 or Spray of carbosulfan 25 EC @ 2 ml/l water was proved to be highly effective for the management of Asian rice gall midge over presently recommended chemicals (130% better than monocrotophos and 77% better than carbofuran) and enhanced yield (57.2 q/ha) by 9-13 per cent with B:C ratio of 2.94:1		
		Management of rice hispa beetle in paddy: Foliar spray of carbosulfan 25 EC @ 2 ml/l water was highly effective in managing rice hispa beetle over presently recommended chemicals (92% better than monocrotophos) and enhanced yield (62 q/ha) by 15-19 per cent with B:C ratio of 3.3:1	23.5	16500
		Management of root-knot nematode in cucumber under protected condition: Enrich *Bacillus amyloliquefaciens* @ 10 kg/ha with the recommended dose of farmyard manure (24-30 t/ha) and allow it to incubate for 15 days. Application of this enriched bioagent mixture to the soil at the time of transplanting and reapply (45 days after transplanting) the bioagent around the basin of each plant suppress the root-knot nematode population and promote healthy root establishment, enhances yield (261 q/ha) by 9.5% in cucumber under protected condition with B:C ratio of 2.56:1.	20	4.0
		Management of root-knot nematode in capsicum under protected condition: Spot application of *Glomus mossae* @ 1 kg along with 5 kg of farm yard manure and soil application of *Pochonia chlamydosporia* @ 1 kg along with 5 kg of farm yard manure at 45 days after transplanting suppresses nematode infestation, enhances yield (300 q/ha) by 84% in capsicum under protected cultivation with B:C ratio of 2.94:1.	20	4.0

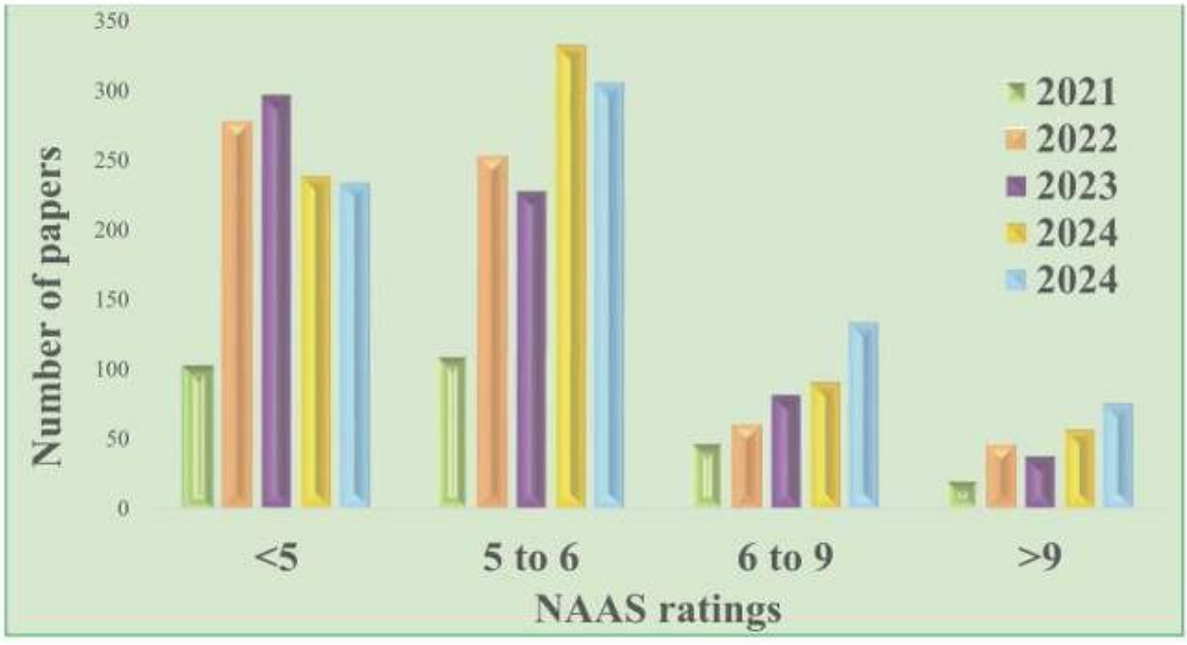
		Integrated management of tomato leaf curl virus disease: Grow two rows of multi-cut fodder sorghum (CoFS-29) as live barrier around the main field, 45 days before planting tomato. Plant 30 days old tomato seedlings raised over silver reflective row mulch under 50X nylon mesh. Spray Imidacloprid 17.8 % SL @ 0.5ml/l during 2nd & 8th week after transplant, spray seaweed bio molecule LBD-12 (AGFORT/ Tomotough) @ 1 ml/l @ 3rd, 5th and 7th week, spray neem soap @ 8gm-l / neemark 5000 ppm @ 5ml/l during 4th week and thiamethoxam 25 WG @ 0.5 gm/l during 6th week after transplanting. Integration of these management practices significantly reduces the disease incidence to the maximum extent (71% higher than present pop) with only 1.9 per cent disease incidence, higher yield (30.4 t/ac) and B: C ratio of 7.74:1	39	360

6.6.3.4 Research Publications

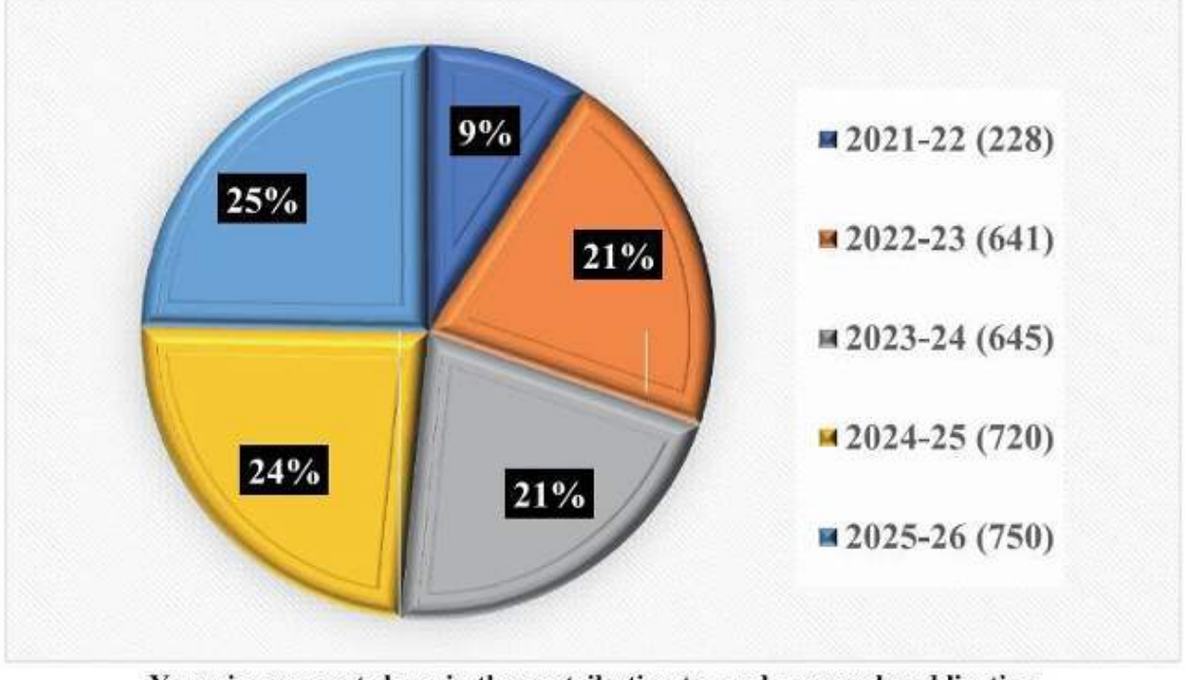
The faculty, scientists and extension personnel have published 3034 research papers during assessment period. The details of publications with different NAAS rating are furnished below (Annexure-6.6.3.4).

The details of research publication

Sl. No.	Year	NAAS Score			Less than 5.00	Total
		Above 9.00	6.00 to 9.00	5.00 to 6.00		
1	2021-22	20	47	109	102	278
2	2022-23	47	61	254	279	641
3	2023-24	38	82	228	297	645
4	2024-25	57	91	333	239	720
5	2025-26	76	134	306	234	750
Total		**238**	**415**	**1230**	**1151**	**3034**
Total (%)		**7.84**	**13.67**	**40.54**	**41.19**	**100.00**



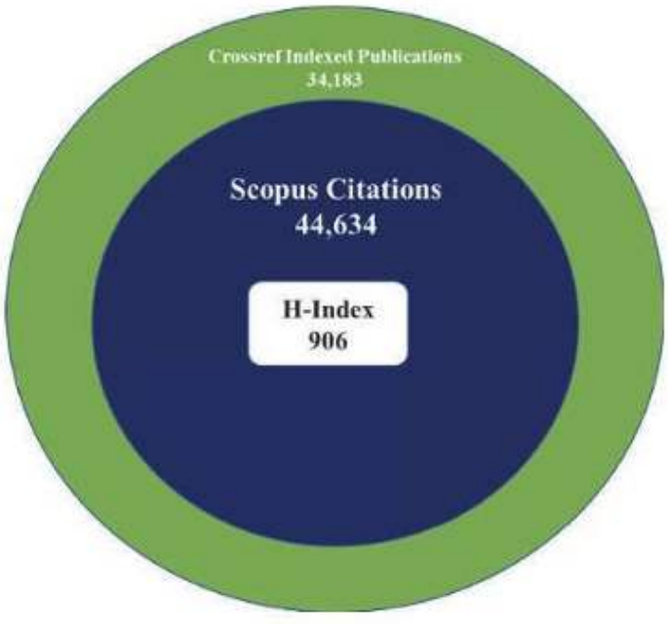
The details of research publications



Yearwise per cent share in the contribution towards research publication

Academic Impact: Citations, H-Index and Global Reach

The University of Agricultural Sciences, Bangalore demonstrated significant research impact with a Scopus citation count of **44,634** and an **H-index of 906**, reflecting both high productivity and sustained citation performance. Additionally, **34,183** publications indexed in Crossref highlight the extensive scholarly output and global visibility of the University's research contributions.



6.6.3.5 Innovation and Best Practices

The recent advances in biotechnology, precision agriculture, digital tools, and agri-processing at UAS Bangalore provide new opportunities to enhance productivity, sustainability, and profitability. Integrating genome-assisted crop improvement, AI-driven crop management, eco-friendly crop protection, and modern processing and value-addition technologies can substantially improve farm resilience and farmer income.

Summary of innovations and best practices

Innovation Type	Innovative Efforts / Best Practices
State Budget Announcement	❖ Karnataka state Budget announced Establishment of a plant phenotyping facility at the Gandhi Krishi Vignana Kendra (GKVK) in the 2024-25 budget. ❖ Re-delineation of 10 Agro-climatic zones of Karnataka ❖ Model integrated farming system (IFS) plots in each of the 10 agro-climatic zones ❖ Establish 5000 Agriculture Produce Centres (APC's) in the state
Policy issues	❖ Agricultural produce market intelligence ❖ Cost of cultivation ❖ Multi-Crop Processing Machine ❖ Buck wheat dehuller
Genome sequencing	❖ Pioneer in Genome sequencing of Horsegram in the world ❖ Whole Genome Sequencing of Magnaporthe infecting millets ❖ Genome sequencing of Mite species
Genetic approach to enhance crop efficiency	❖ Development of a simple and alternative In planta method for genetic transformation of cationic lipid ❖ Discovery of genes regulating constituent physiological traits of Water Use Efficiency in paddy

	❖ Novel morphological and physiological markers to identify haploids in rice at an early growth stage ❖ Multigene approach for the control of fungal disease Turcicum Leaf Blight of Maize (*Zea mays*) ❖ Discovery of ten new fungal pathogens in rice grain discoloration
Taxonomic identification of Insects	❖ First description on taxonomic identification of the maggots infecting millets
Vertical farming	❖ Development of Demonstration and Business Model for Soilless Agriculture Production System
Sensors for Disease management	❖ Validation and field evaluation of biosensor for early detection of Papaya Ring Spot Virus infecting Papaya ❖ Development of a molecular Polymerase Chain Reaction and lateral flow immuno strips for the early and rapid detection of Cucumber Mosaic Virus
Genetic improvement for disease management	❖ Development of low-cost strata/platform from recyclable plastic waste for the detection of plant virus. ❖ Rapid Genotyping of the Rice R Genes Resistant to Bacterial Leaf Blight using LAMP Technology. ❖ Multiplex Detection of *Magnaporthe oryzae* and *Sarocladium oryzae* in Rice Seed using a Foldable Membrane Platform based on LAMP Technology. ❖ System of Duplex Detection of *Magnaporthe oryzae* in Rice Seeds Using a Single-Membrane Platform Based on LAMP Technology for Resource-Constrained Areas. ❖ Reusable Loop-Isothermal Amplification Single-Fold Assay for Accurate Detection of Seed-Borne Pathogens Associated with Rice. ❖ Portable System for Detecting *Pectobacterium carotovorum* subsp. *brasiliense* Strain RDKLR Infecting Radish Using a LAMP Assay–Based Foldable-Membrane Platform. ❖ Rapid and Accurate Point-of-Care LAMP Colorimetric Diagnostic Dipstick. ❖ Enhanced Loop-Mediated Isothermal Amplification Method for Detecting Latent *Xanthomonas axonopodis* pv. *punicae* (Xap) Infection in Pomegranate. ❖ Molecular Detection of *Sarocladium oryzae* by LAMP–CRISPR Cas12a Technique. ❖ Glyceraldehyde-3-Phosphate Dehydrogenase (GAPDH) as an Internal Control for LAMP–CRISPR Assay in Plants. ❖ Molecular Detection of *Magnaporthe oryzae* by LAMP–CRISPR Cas12a Technique. ❖ Molecular Detection of *Magnaporthe oryzae* by RPA–CRISPR Cas12a Technique
Nanotechnology	❖ Phytosynthesized biocompatible silver nanoparticles for potential application in Agriculture ❖ Green synthesis of silica nanoparticles for plant disease management
Equipments/ Machineries	❖ Battery Operated Cocoon Harvester for Silkworm Mountages ❖ Portable Honey Extractor

	❖ Solar Powered Cleaning Cum Sieving Machine for Small Scale Food Industry Domestic Use ❖ Castor Decorticator ❖ Sunflower Thresher- cum-Seed Dehuller ❖ Double Head Maize/ Sweet Corn Seed Sheller
Millets made desirable	❖ Protein Fortified Millet Flakes ❖ Millet based instant mixes ❖ Sugar-Free, Maida-Free Biscuits, Cookies and Rusks developed using GKVK Stevia – 1 variety, a natural low-calorie sweetener, and White Finger Millet variety KMR - 340, a nutrient-rich grain
Designer foods	❖ Sport mix ❖ Gluten free Roti mix ❖ Nutridense Designer Samosa ❖ Instant Cake Premixes Using Jackfruit and Banana Flour
Precision agriculture	❖ Standardized drone-based spraying of nutrient and growth regulators in finger millet and pigeonpea ❖ Region specific smart agro technologies for enhancing soil and plant health
Artificial Intelligence	❖ AI–Integrated Hydroponic System and Method for Plant Health, Disease, and Nutrient Management ❖ Method, Apparatus and System for Analysing A Fabric Using Trained Artificial Intelligence Models ❖ Smart Beehive ❖ Development of AI/ML techniques for assessment of crop growth and yield parameters using ground, UAV and HRS images ❖ 3D Printed honeycomb for Indian honey bee Apis cerena indica
Websites	❖ Online seed portal ❖ Dharathi mitra
Farmer decision support	❖ Agro-met advisories ❖ Land resource inventory ❖ Analysing the impact of climate change using Info-Crop model on agricultural production in Karnataka ❖ Calibration of DSSAT crop simulation model in pigeon pea
Germplasm conservation	❖ Conservation of germplasm ❖ Conservation land races ❖ Magic population in maize and pigeonpea
Urban agriculture	❖ Bee Nivas ❖ Microgreens ❖ Small scale hydroponic systems and towers

Discrptions of Innovation and Best Practices

Policy inputs

❖ **Establishment of a plant phenotyping facility:** Scientists at UASB have generated large sets of data that include characterization of germplasm, breeding lines, mapping populations and mutants for climate resilience. Extensive whole genome sequencing of fingermillet at UAS B has led to the development of first detailed draft genome sequence of finger millet. This was followed by the whole

genome sequencing of 350 SSRs and SNP markers in rice and fingermillet. Cutting edge research carried out by the faculty of UAS B has led to the development of specific stress mitigation strategies.

Thus the Karnataka government announced the establishment of a National facility for phenotyping biotic and abiotic stress tolerance traits at the Gandhi Krishi Vignana Kendra (GKVK) in the 2024-25 budget (Sl.No.43) a State of the art facility for phenotyping and genetic analysis of large populations for biotic and abiotic stress tolerance, yield and nutritional quality in crops a first of its kind in the country to mitigate the ill effects of climate change on crop production. This new facility is intended to advance agricultural research by focusing on developing improved crop varieties. The key objectives of the lab include, conducting research on characteristics that make crops resistant to drought and diseases and aiding in the development of improved varieties and breeds of crops.

- **Re-delineation of 10 Agro-climatic zones of Karnataka:** UAS B proposed to re-delineate its 10 existing agro-climatic zones with a aim to create more realistic farming regions, accounting for climate change impacts like recent droughts and floods, by forming an expert committee to update the framework based on soil, weather, topography and cropping patternfor better-targeted agricultural planning and schemes, making farming more resilient and profitable. The Karnataka budget for **2024-25** announced the initiation of a process to re-delineate the state's existing **10 agro-climatic zones** (Sl.No.35). This re-delineation is primarily aimed at making the zones more pragmatic and better reflective of current climate patterns and natural calamities, which have changed significantly since the original classification was established decades ago.
- **Model integrated farming system (IFS) plots in each of the 10 agro-climatic zones:** The Karnataka government's 2024-25 budget included a key agricultural initiative to promote sustainable farming, the development of **model integrated farming system (IFS) plots in all the 10 agro-climatic zones** (ACZ) of the state (Sl.No.28) based on the model IFS recommended by UASB in 2017 and 2024. The goal of this initiative is to make agriculture more profitable and sustainable for small and marginal farmers, particularly in rain-fed areas which constitute about 64% of the state's cultivated land.
- **Establish 5000 Agro processing centress in the state** :The Karnataka government's 2024-25 budget announced state plans (Sl.No.32) plans to establish **5,000 Agriculture processing Centres (APCs)** across the state to support farmers for value addition to the crop and enhance market access.This large-scale initiative is modelled after successful pilot projects implemented by UAS B at Aradeshanahalli village: Devanahalli taluk, Bengaluru Rural district, Kuthanagere village: Magadi taluk, Bengaluru South district (Ramanagara region) and Bebi village: Pandavapura taluk, Mandya district.
- **Agricultural produce market intelligence**: The COCMIC–KAPC Project, operational since 2015–16 at the University of Agricultural Sciences, Bangalore, provides scientifically analysed cost of cultivation data and market intelligence inputs to support agricultural price support and procurement-related policy formulation, primarily at the State level. The project functions as a technical advisory mechanism, supplying field-level empirical evidence for price stabilization, distress mitigation, and farmer income support measures

1. ***Ragi (All Years)***

Continuous provision of cost of cultivation estimates and procurement advisories supported annual MSP fixation and procurement operations for ragi, a crop under the exclusive jurisdiction of UAS, Bengaluru. Project-supported price fixation increased from ₹3,295 per quintal (2020–21) to ₹4,885 per quintal (2025–26 Kharif Marketing Season) and procurement of 4 Lakh metric ton of ragi in

2024-25 harvest season, resulting in improved price realisation and enhanced income security for ragi farmers.

2. ***Mango (June 2025 Harvest)***
   Following a severe price crash in Kolar district (₹1.75–₹2.00 per kg), project inputs were utilised for implementation of the Price Deficiency Payment Scheme (PDPS). A deficiency payment of ₹4 per kg was fixed based on project-supported reference pricing.
3. ***Copra (2023 Season)***
   Project advisories supported central MSP enhancement and state-level incentive formulation. MSP for FAQ ball copra was fixed at ₹11,750 per quintal, with an additional state incentive of ₹1,500 per quintal. Under the Price Support Scheme (PSS), 50,184.08 MT of ball copra was procured benefiting 35,235 farmers in major producing districts including Tumakuru, Hassan, and Mandya of Karnataka.
4. ***Sugarcane (Multiple Seasons)***
   Cost of cultivation estimates and price intelligence inputs were utilised for State Advised Price (SAP) / incentive-related decisions, addressing escalation in production costs and ensuring remunerative pricing.
5. ***Turmeric (March 2023 Harvest)***
   Cost of cultivation estimates and MIS-based price intelligence were utilised for procurement intervention when market prices in Chamarajanagar district declined to ~₹5,000 per quintal. Under the MIS procurement policy, turmeric was procured at ₹6,694 per quintal, preventing distress sale.

The COCMIC–KAPC Project serves as a critical technical support system, enabling timely, data-driven formulation and implementation of agricultural price support, incentive, and procurement policies at the State level.

❖ **Cost of Cultivation**: The University of Agricultural Sciences, Bangalore (UASB)—renders policy support by generating credible, field-validated evidence that directly feeds public decisions on farm costs, profitability, and price policy. A flagship contribution is the Comprehensive Scheme for studying cost of cultivation of principal crops in Karnataka, housed at the Department of Agricultural Economics, which periodically trains and deploys field staff to collect standardized input–output and cost data from farmers. (GKVK Agricultural Extension) Nationally, the Cost of Cultivation Studies (CCS) were initiated in 1970–71 and are operated through agricultural universities to obtain estimates of costs of production; the scheme envisages representative data collection on inputs and outputs in physical and monetary terms using a uniform methodology. (Statistics Ministry) These cost-of-cultivation datasets are primarily intended for the Commission for Agricultural Costs and Prices (CACP) and are used in MSP-related deliberations; UASB's CCS programme itself notes that the data collected are crucial for the Government of India's MSP announcements. (NSC) Beyond price support, UASB strengthens state programmes by emphasizing resource efficiency and technology adoption to lower cultivation costs and improve enterprise profitability. (GKVK Agricultural Extension) As a State Agricultural University with responsibility for agricultural education, research, and extension—and with jurisdiction across southern districts of Karnataka—UASB translates research into action through extension mechanisms (including KVK-type farm science centres) that deliver trainings, frontline demonstrations, and field feedback to line departments. (ARCC Journals) This extension system explicitly targets policy-relevant outcomes such as productivity enhancement, cost reduction, diversification, value-chain development, and market linkages, thereby enabling evidence-backed programme design and mid-course corrections at scale statewide. (icarkvkmandya.co.in).

Machines and Prototypes

- **Multi-Crop Processing Machine:** The Multi-Crop Processing Machine is developed by the AICRP on PHET, University of Agricultural Sciences, Bangalore. It is used to separate groundnut pods from plant (stripping), decorticate seeds from the dried groundnut pods, shelling of maize cobs, and threshing of seeds from sunflower ear heads. The main components are hopper, decorticating unit, stripping unit, threshing unit, shelling unit, blower, outlets and drive mechanism (electric motor 1 hp single phase). The capacity of groundnut stripping is 300-500 plants/h; Groundnut decortication is 100- 120 kg/h (pods); Maize shelling is 250 cobs/h and Sunflower threshing is 250 ear heads/h. The efficiency of the machine is about 95% for Groundnut and 99% Maize, Sunflower and Groundnut stripping. The machine is very useful for small and medium scale farmers, processors, start-up entrepreneurs, seed processing industries, SHGs, hotels, restaurants and cottage industry for doubling their income. The machine is commercialized and the technology has been transferred to M/s. Anurag Industries and Corporation, Bengaluru, Karnataka with the license fee of Rs. 1,00,000/-. The machine is included in RFP document for Subsidy Scheme of Dept. of Agriculture GoK.



Multi-Crop Processing Machine

- **Buckwheat Dehuller:** The Multi-Crop Processing Machine is developed by the AICRP on PHET, University of Agricultural Sciences, Bangalore. It is used to dehull buckwheat grains for production of groats, also suitable for dehulling of sunflower seeds to produce sunflower seed kernels mainly for confectionary purpose. The main components are hopper, dehulling unit consisting of rough surfaced cylinder and perforated concave screen, blower, outlets and drive mechanism. It is a semi -automatic machine, operated with the help of an electric motor (1 hp, single phase). The capacity of the machine is 12-18 kg/h (throughput capacity) with an efficiency of 90% and output capacity (7-8 kg/h). The machine is suitable for small and marginal farmers, agro-processing units, Self Help Groups and bakery units and custom hiring centres and Himalayan and North Eastern regions of India. The machine is commercialized and the technology has been transferred to M/s Meghalaya Farmers Empowerment Commission, Shillong, Meghalaya with the exclusive license fee of Rs. 50,000/- and Technology knowledge fee of Rs. 50,000/-to promote the processing of buckwheat in North-eastern States of India.



Buckwheat Dehuller

3.Genome sequencing

- **Pioneer in Genome sequencing of Horsegram:** Horsegram Genome was decoded First Time, variety PHG-9 was sequenced using the new generation technology (Combination of Illumina and Pacbio technologies).
  - ✓ Horsegram has the lowest repeat content among the legumes sequenced so far.
  - ✓ Its genome is a rich source of gene repertoire for multiple stress tolerance and nutraceutical properties.
  - ✓ The genome is abundant in proteinase inhibitors that could be used as functional food ingredients in the near future.
  - ✓ Draft genome sequence developed provides many opportunities to explore this crop for its desirable traits like drought tolerance, antioxidant activity, antimicrobial properties and high protein.
- **Whole Genome Sequencing of Magnaporthe infecting millets:** Whole genome sequence of four virulent Magnaporthe isolate viz., BPg6-S1(Pearl millet), BMPg4-S2, (Barnyard millet), FMPg59-PG (Finger millet) and FoxMPs15-PS (Foxtail millet) were sequenced using the Illumina HiSeq platform in paired-end mode.
  - Identified short sequence reads with a 159 bp sequence length (read length)
  - A single large cluster containing about 18364 proteins formed the core proteome that were present in all the genomes.

- Proteins specific to PG (FMPg59), PS (FoxMPs15), S2 (BMPg4), S1 (BPg6), *P oryzae triticum*, and *P oryzae* RMG were represented by singleton clusters containing 12, 476, 57, 204, 450, and 269, respectively.

➢ **Genome sequencing of Mite species:** A total of 723 DNA sequences (ITS 2 - 493; Mitochondrial: Mt COI - 230) of 76 species of mites have been submitted to the NCBI-GenBank database. All the submitted sequences have been reviewed & released into the public domain of NCBI-GenBank and other linked databases of Europe & Japan. The **database** offers a valuable molecular resource for the precise and reliable identification of mites. It paves a way to study the genetic variability of polyphagous species across host plants and geographical locations, nuclear gene (ITS2) sequences of the following mite species were deposited and accessioned in the GenBank database

4. Genetic approach to enhance crop efficiency

➢ **Development of a simple and alternative In-planta method for genetic transformation of cationic lipid:** The present invention involves simple application of the DNA/ plasmid construct and the chemical mixture in appropriate proportions on particular plant parts. This eliminates the intervening tissue culture steps in plant transformation particularly in recalcitrant monocot and dicot crops which are not amenable to tissue culture. This is a cost-effective, easy to perform, fast, and very efficient method compared to tissue culture-based transformation. This method is also independent of the aseptic conditions which is very much essential for the plant tissue culture dependent transformation methods and also eliminates the need for expensive equipment as in the case of biolistic transformation.

➢ **Discovery of genes regulating constituent physiological traits of Water Use Efficiency in paddy:** Automated mini-lysimeter and imaging technologies were used to identify the genes responsible for water use efficiency in paddy. Four genes *viz., OsRLK5*, *OsHXK4*, *OsGSTU12* and *OsYUCCA4* were identified and they can be used to improve WUE in paddy through molecular breeding and/or genetic engineering.

➢ **Novel morphological and physiological markers to identify haploids in rice at an early growth stage:** a visual/ morphological marker based on the leaf apex/tip shape that distinguishes androgenically derived plants into haploids and doubled haploids (DH)/ diploids in rice. While the diploids/ DH's have attenuated leaf shape apex where the leaf is gradually tapers towards tip and gives a sharp and tapering edge, the haploids typically have widened leaf with a short sharp apex refer to as acute leaf tip shape. This difference in leaf tip can be seen as early as immediately after hardening of androgenic plants in a cost effective, accurate and high throughput manner. The visual marker identified is more than 95% accurate which was confirmed through ploidy analysis using flow cytometer. This discovery offers three main advantages/benefits. First, highly expensive procedure of ploidy analysis through flow cytometry to identify haploids, DH/diploids can be avoided so that, huge amount of money can be saved. Second, the haploids identified using this marker can be used subsequently for doubling the chromosomes leading to increased efficiency of doubled haploidization. third, the unnecessary maintenance of anther derived plants (haploids) till maturity or seed set can be avoided so that the time, efforts, space and cost of DH is reduced.

➢ **Multigene approach for the control of fungal disease Turcicum Leaf Blight of Maize (*Zea mays*):** Three antifungal genes *Glucanase* and *RACK1* gene from Maize and *Chitinase* from Bittergourd were isolated, cloned into cloning and transformation vectors and sequenced. Multigene construct with these 3 antifungal genes was successfully developed using gateway cloning technology were transformed into maize using in planta transformation method.

Expression of chitinase protein of ~44.0 KDa, RACK1 protein of ~37 KDa and glucanase protein of ~38 KDa was confirmed by the SDS-PAGE analysis. Initial in-vitro evaluation of efficacy of three antifungal proteins against turcicum leaf blight fungus was done. The highest percentage of inhibition of fungus growth recorded in multigene construct (>70 %) proteins followed by individual antifungal protein inhibition of fungus viz., RACK 1(41.66 %), Glucanase (44.4 %) and Chitinase (54.44 %).

- **Discovery of ten new fungal pathogens in rice grain discoloration:** Identified ten previously unreported fungal pathogens linked to grain discoloration disease in rice. These include *Alternaria padwickii, Aspergillus niger, A. ochraceopetaliformis, Edenia gomezpompae, Fusarium chlamydosporum, F. equiseti, F. incarnatum, F. ipomoeae, Lasiodiplodia pseudotheobromae,* and *L. theobromae.* This finding expands the understanding of the disease etiology and help to develop targeted disease management strategies.

5. Taxonomic identification of Insects

- **First description on taxonomic identification of the maggots infecting millets:** An attempt was made to taxonomically describe and identify first, second, third instars of shoot fly infesting Kodo, Barnyard, Browntop and Little millet

Shootfly species	Millet
Atherigona approximata	Browntop millet
Atherigona pulla	Little millet
Atherigona simplex	Kodo millet
Atherigona falcata	Barnyard millet

6. Vertical farming

- **Development of Demonstration and Business Model for Soilless Agriculture Production System:** Substantial progress has been achieved in designing and standardizing high-performance soilless production prototypes for vegetable crops. Ten optimized prototype models were developed, evaluated, and refined through systematic experimentation. Strategic studies were conducted on multiple parameters, including model standardization, nutrient formulation, crop performance, and development of Standard Operating Procedures (SOPs) for the commercial production of leafy greens and vegetables. Critical parameters such as nutrient solution pH and electrical conductivity (EC) were standardized for important crops including lettuce (Butterhead, Locarno, Starfighter, Iceberg), basil, palak, amaranthus, cabbage, cauliflower, knol-khol, and others.

Through rigorous experimentation, agro-techniques for seed production under soilless systems were standardized. Special emphasis was placed on hybrid chilli seed production, resulting in the successful development of protocols optimized for quality and productivity. These protocols were translated into practice, leading to the successful production of KHSB-1 chilli hybrid seed under a soilless system — a significant technological milestone.

Ten commercial-scale demonstration units showcasing diverse soilless agriculture systems were established, including Aquaponics, Dutch Bucket System, Ebb and Flow System, A-Frame Nutrient Film Technique (NFT), Vertiponics, Aeroponics, and others. These demonstration facilities serve as a knowledge and technology dissemination hub for farmers, entrepreneurs, and students, highlighting the feasibility and profitability of soilless agriculture for round-the-year production. Further, standardization of commercially available fertilizers as substitutes for laboratory-grade chemicals was successfully undertaken, reducing nutrient solution cost from ₹2.00 to ₹0.60 per litre.

Capacity-building and skill-development initiatives formed a key component of the project. Practical training programmes were organized for agricultural and horticultural students and young entrepreneurs to enhance technical competencies in soilless production systems. Till date, **three free training programmes and eight paid professional training programmes** have been successfully conducted as part of this initiative. The facility attracted approximately 20 lakh visitors during Krishimela events and field days, generating widespread awareness. In addition, 3,657 farmers have visited the hydroponic unit for hands-on exposure to system design, crop management, and business feasibility.

Efforts are underway to develop a Public-Private Partnership (PPP) model to support hybrid seed production on a service-hire basis. This initiative aims to leverage institutional infrastructure and industry collaboration to enhance hybrid seed availability and commercial viability. The PPP framework is currently under development and progressing toward implementation.

7. Sensors for Disease management

- **Development of low cost strata/platform from recyclable plastic waste for the detection of plant virus:** An appropriate amount of a synthetic material was dissolved in an organic solvent. The mixture was agitated and coated on a support and left for formation of the basal stratum. A waste material has been recycled to develop an economically viable strata for ELISA over the presently used nitrocellulose membrane. This procedure was standardized to use the strata for an Enzyme Linked Immuno Sorbent Assay (ELISA) of a plant pathogen. It is helpful in diagnosing plant/ other pathogens.

- **Development of a molecular Polymerase Chain Reaction (PCR) and lateral flow immuno strips for the early and rapid detection of Cucumber Mosaic Virus (CMV):** An electrochemical device has been developed for the detection of a plant virus. This developed device is very effective in the early detection of plant virus in the lab and field as well. We were able to obtain broad spectrum detection of the plant virus collected from filed samples across different states in South India.

- **Validation and field evaluation of biosensor for early detection of Papaya Ring Spot**: Virus (PRSV) infecting Papaya: A low cost eco-friendly strip for early detection of PRSV is developed. This basal stratum is an alternative to commercially available nitrocellulose membranes for early detection of the plant virus at the field level. The results were on par with the routinely used diagnostic strips wherein the viral presence was detected in different field collected samples across Karnataka. A polmerase chain reaction (PCR) method of diagnosis amplifying the coat protein (CP) gene has been standardized for papaya ring spot virus (PRSV), cardamom mosaic virus (CdMV) and cucumber mosaic virus (CMV). Lateral strips have also been developed for the detection of these viruses.

- **Rapid Genotyping of the Rice R Genes Resistant to Bacterial Leaf Blight using LAMP Technology:** This technology describes a rapid, sensitive, and low-cost **LAMP (Loop-Mediated Isothermal Amplification)** assay for genotyping seven major bacterial leaf blight (BLB) resistance genes in rice such as **Xa1, Xa3, Xa4, Xa7, Xa10, Xa11, and Xa21**. The method operates at a constant temperature and eliminates the need for PCR thermal cyclers, making it suitable for resource-poor laboratories. The optimized reaction (60°C for 30 minutes) allows easy result visualization using ethidium bromide or hydroxynaphthol blue. With a detection sensitivity of **100**

fg DNA, this LAMP assay surpasses conventional PCR and qPCR, offering an efficient tool for foreground selection of BLB resistance genes in rice breeding programs.

- **Multiplex Detection of *Magnaporthe oryzae* and *Sarocladium oryzae* in Rice Seed using a Foldable Membrane Platform based on LAMP Technology**: This technology introduces a multiplex LAMP-based diagnostic platform for rapid detection of two major seed-borne rice pathogens: *Magnaporthe oryzae* (rice blast) and *Sarocladium oryzae* (sheath rot). Multiple assays—including LAMP, PCR, qPCR, and HDA were developed, with LAMP demonstrating the highest sensitivity, detecting as little as 100 fg of pathogen DNA within 20 minutes. A portable foldable membrane microdevice was engineered based on the optimized LAMP protocol, achieving performance comparable to conventional LAMP in terms of sensitivity, speed, and specificity. This represents the first LAMP-based foldable microdevice designed for rapid, on-field diagnosis of *M. oryzae* and *S. oryzae* in rice seeds.

- **System of Duplex Detection of *Magnaporthe oryzae* in Rice Seeds Using a Single-Membrane Platform Based on LAMP Technology for Resource-Constrained Areas**: This technology describes a duplex LAMP-based detection system designed for rapid, sensitive identification of *Magnaporthe oryzae* in rice seeds using a single-membrane microplatform tailored for resource-limited environments. The integrated membrane device enables simultaneous amplification and visual detection, delivering high specificity and sensitivity within 20–30 minutes. Portable and low-cost, the platform eliminates the need for advanced laboratory equipment, making it suitable for on-field seed health diagnostics. This scalable technology facilitates early detection of the rice blast pathogen, supporting timely disease management and contributing to improved crop productivity.

- **Reusable Loop-Isothermal Amplification Single-Fold Assay for Accurate Detection of Seed-Borne Pathogens Associated with Rice:** This technology describes a reusable single-fold LAMP assay designed for rapid and accurate detection of major seed-borne pathogens associated with rice. The platform integrates nucleic acid amplification and visual detection into a compact, user-friendly system, enabling sensitive diagnostics with minimal sample volume and without the need for specialized laboratory equipment. Its reusability and low operational cost make it highly suitable for routine surveillance in resource-limited laboratories and field environments. This technology provides a reliable tool for strengthening seed health monitoring and preventing pathogen-driven yield losses in rice cultivation.

- **Portable System for Detecting *Pectobacterium carotovorum* subsp. *brasiliense* Strain RDKLR Infecting Radish Using a LAMP Assay–Based Foldable-Membrane Platform:** This technology outlines a portable, foldable-membrane LAMP-based detection platform developed for early and accurate identification of *Pectobacterium carotovorum* subsp. *brasiliense* (Pcb) strain RDKLR, a highly virulent soft-rot pathogen of radish. Pathogenicity assays, molecular characterization using *Pel2* and *pmrA* gene markers, and host-range studies confirmed the aggressive nature of the RDKLR isolate, which produced potent cell wall–degrading enzymes, formed strong biofilms, and infected multiple horticultural hosts. A rapid and sensitive LAMP assay was optimized to facilitate timely field-level diagnosis and effective disease management. This work reports Pcb as a new soft-rot pathogen of radish in India and underscores the critical need for early detection to mitigate its agricultural impact.

- **Rapid and Accurate Point-of-Care LAMP Colorimetric Diagnostic Dipstick:** This technology describes a rapid and accurate point-of-care LAMP colorimetric dipstick assay designed for easy

visual detection of target pathogens without the need for laboratory infrastructure. The platform integrates isothermal DNA amplification with a dipstick-based colorimetric readout, producing clear results within 20–30 minutes. The assay demonstrates high sensitivity and specificity, while its simple, equipment-free workflow makes it suitable for on-site diagnosis in resource-limited settings. This technology provides a practical and reliable tool for early pathogen detection and timely disease management interventions.

- **Enhanced Loop-Mediated Isothermal Amplification Method for Detecting Latent *Xanthomonas axonopodis* pv. *punicae* (Xap) Infection in Pomegranate:** This technology presents an enhanced LAMP assay for early detection of *Xanthomonas axonopodis* pv. *punicae* (Xap), the causal agent of bacterial blight of pomegranate. Since the disease often remains latent before symptom expression, rapid diagnosis is essential for effective management. The method employs six pathovar-specific primers and ethidium bromide–based visualization, achieving exceptional sensitivity down to 0.153 femtograms of DNA with optimal amplification at 65 °C in 30 minutes. The assay successfully detected latent infections as early as 7 days post-infection, surpassing the sensitivity of PCR, and demonstrated high specificity against 31 non-target bacterial strains. This robust and rapid LAMP method provides a reliable tool for early diagnosis of Xap, enabling timely disease intervention and improved yield outcomes for farmers.

- **Molecular Detection of *Sarocladium oryzae* by LAMP–CRISPR Cas12a Technique:** This technique discloses a sensitive and effective LAMP–CRISPR Cas12a–based detection system for identifying *Sarocladium oryzae*, the phytopathogenic fungus responsible for sheath rot in rice. The invention provides a specialized composition, kit, and method for detecting the RNA polymerase II large subunit target gene directly from infected plant samples. The assay integrates isothermal amplification and CRISPR-based trans-cleavage detection within a single reaction, allowing rapid, highly specific, and sensitive identification of *S. oryzae*. Following LAMP amplification, Cas12a recognizes the target sequence and cleaves a fluorescent reporter, enabling clear signal generation. This technology offers improved sensitivity, high specificity, reduced assay time, and cost-effective diagnostics suitable for early pathogen detection in rice.

- **Glyceraldehyde-3-Phosphate Dehydrogenase (GAPDH) as an Internal Control for LAMP–CRISPR Assay in Plants:** This technology describes a LAMP–CRISPR Cas12a–based detection system designed to identify the *Glyceraldehyde-3-phosphate dehydrogenase* (GAPDH) gene in rice, serving as an internal control for plant-based molecular diagnostics. The assay utilizes DNA extracted from rice tissues and performs both isothermal amplification and CRISPR-mediated detection in a single reaction mixture. The system demonstrates a sensitivity of 100 copies per reaction and enables visual result interpretation through a lateral flow assay (LFA). By providing a stable internal reference, this invention enhances the accuracy and reliability of LAMP–CRISPR assays for detecting various nucleic acid targets in rice. Additionally, the patent includes a complete kit and in vitro method for GAPDH detection, offering a robust, specific, and sensitive internal control solution for plant diagnostics.

- **Molecular Detection of *Magnaporthe oryzae* by LAMP–CRISPR Cas12a Technique:** This technique introduces a LAMP–CRISPR Cas12a–based detection system for identifying the *pot2* target gene of *Magnaporthe oryzae*, the causative agent of rice blast disease. The system integrates Loop-Mediated Isothermal Amplification (LAMP) with CRISPR-mediated trans-cleavage detection in a single reaction mixture, enabling rapid and highly sensitive nucleic acid detection directly from plant tissue samples. The invention includes optimized primers, guide RNA (gRNA),

Cas12a protein, and a dual-labelled probe. The assay is capable of detecting fewer than 10 copies of target DNA per reaction, demonstrating exceptional sensitivity. Additionally, the patent describes an in vitro detection method for *pot2* transposon DNA and provides a lateral flow assay (LFA) strip kit for rapid, equipment-free visualization. This portable, user-friendly, and cost-effective platform enhances specificity and sensitivity, making it well-suited for field-level diagnostics and early disease management in rice.

- **Molecular Detection of *Magnaporthe oryzae* by RPA–CRISPR Cas12a Technique**: This technique discloses a rapid, highly sensitive, and specific Recombinase Polymerase Amplification (RPA)–CRISPR Cas12a–based system for detecting *Magnaporthe oryzae*, the pathogen responsible for blast disease in rice, wheat, pearl millet, finger millet, foxtail millet, and various other grasses. The invention provides a specialized composition and method capable of detecting the *Tyrosinase* gene of *M. oryzae* across multiple host crops. The assay integrates isothermal nucleic acid amplification with CRISPR-mediated trans-cleavage detection, enabling fast and accurate pathogen identification in both laboratory and field environments. This portable, user-friendly platform offers a powerful diagnostic tool for early detection of blast pathogens, supporting timely disease management in diverse cropping systems.

9. Nanotechnology

- **Phytosynthesized biocompatible silver nanoparticles for potential application in Agriculture:** The eco-friendly biogenic synthesis of Silver nanoparticles using sandalwood leaf extract has resulted in biocompatible and bioactive fine quality nanoparticles which have wide application in plant invitro cell cultures, health, medicine and other industries. The nanoparticles have enhanced crop yield in groundnut and cowpea by 22% and 25% respectively. The Phytosynthesized nanoparticles lead to better yield, germination and stress tolerance as compared to chemically synthesized commercial silver nanoparticles.

- **Green Synthesis of Silica Nanoparticles:** Silica nanoparticles were synthesized using fungal-mediated biogenic processes and characterized through UV-Visible spectrophotometry, dynamic light scattering (DLS), zeta potential analysis, and transmission electron microscopy (TEM). The synthesized SiNPs exhibited a surface plasmon resonance peak between 285–315 nm, with an average particle size of 51.47 nm (*Fusarium oxysporum*) and 72.99 nm (*Asperigillus niger*). TEM analysis revealed spherical nanoparticles with a size range of 11.54–38.08 nm. The zeta potential analysis confirmed stable dispersion, with A. niger-mediated SiNPs demonstrating superior dispersibility. The antifungal potential of SiNPs was evaluated against *Alternaria solani*, the causative agent of early blight in tomatoes, using i*n- vitro* and *in-vivo* assays. *In vivo* evaluation of SiNPs against *A. solani* with foliar application of 50 ppm SiNPs before challenge inoculation recorded 27.60 % disease intensity that differed significantly after challenge inoculation with PDI of 31.36. At 100 ppm SiNPs was effective in reducing disease intensity by 52.93%, comparable to commercial SiNPs (83.65%) and Mancozeb (95.88%). However, commercial SiNPs exhibited phytotoxic effects in pot trials.

10.Equipment's/Machinery

- **Battery-Operated Cocoon Harvester for Silkworm Mountages (Bamboo Mountages):** Manual harvesting of cocoons from chandrike is labour-intensive and also a time-consuming process. To overcome this, the battery-operated cocoon harvester was developed to suit for one-man operation. Harvesting of cocoons from bamboo mountage takes around 30-35 minutes manually, in case of

developed battery-operated cocoon harvester takes only 6 -7 minutes to harvest one bamboo mountage. The cost of operation of battery-operated cocoon harvester was very less as compared to manual harvesting. The machine is also used for cleaning of bamboo mountage. The cost of cocoon harvester is approximately Rs.9,000/- (Nine thousand rupees only).



Battery Operated Cocoon Harvester

- **Portable Honey Extractor:** The existing honey extractors were found to be non-food grade and bulky, making it difficult to carry or transport and handle in various environments on the move from one farm to another. The use of non-food grade materials in the existing extractor and raised concerns about the safety and hygiene of the honey extracted. Due to the above limitations, a portable honey extractor was designed/developed and evaluated for its working performance. The main components of the developed manual portable extractor include frame or coomb holding basket (for 2 coomb frames), outer support frame and drive mechanism.

  The developed model was superior to locally available or existing non-food grade bulky model. The new model is less bulky in size, portable, small and compact in design, requires shallow container, easy to carry or transport on the move. It occupies less storage space and easy to clean or wash and food grade. The weight of both the models weighs approximately 4kgs. The average cost of the new model was around Rs.6500 as compared to 7000-8000 for the existing bulky model. The new model performs well under 250-300 rpm spinning range for 2-3 min to extract maximum honey (92-95%) without undue vibrations as compared to existing model (46-74%) at 200-250 rpm.



Portable Honey Extractor

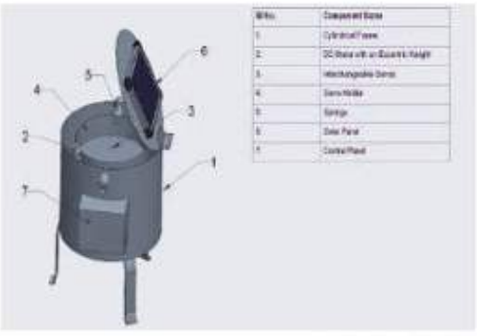
- **Sub-Baric Storage System:** Sub-baric storage method involves (manually or automatically) placing food grains in a storage structure, removing air from inside and sealing. The intent of vacuum storage is usually to remove oxygen from the container to extend the shelf-life of food

grains. Vacuum storage reduces atmospheric oxygen, limiting the growth of aerobic bacteria or fungi, and preventing the evaporation of volatile components. The sub-baric storage bin can be used for storage of cereals, pulses and oil seeds for extension of shelf-life of food grains. A 1000 kg capacity sub-baric storage bin consists of the following components: Storage chamber (500 kg capacity); Vacuum pump; Pressure indicator controller (PIC); Temperature indicator controller (TIC); Humidity indicator controller (HIC); Bin body; Inlet and outlet bin body for loading and unloading and grain discharge hopper.



Sub-Baric Storage System

- **Solar powered cleaning cum sieving machine for small scale food industry & domestic use:** The solar-powered automatic cleaning and sieving machine is designed to clean and separate granular materials such as grains, pulses, spices and flour products with improved efficiency and reduced manual labour. The machine functions based on the principle of vibration generated by an eccentric rotating mass. An off-centre mass is attached to a rotating shaft and when the shaft rotates, uneven centripetal forces are produced, creating continuous vibrations. These vibrations are transferred to the sieve frame, causing oscillatory motion, which assists in the uniform movement and separation of materials placed on the screen surface. It specifically relates to develop the compact, portable and cost-effective solar powered cleaning-cum-sieving machine of grains and their flours for small-scale food processing industries and domestic use. The compact machine (490 × 464 mm) employs eccentric mass vibration and includes a frame, a DC motor with an eccentric weight, four interchangeable sieves, a solar panel, a charge controller, a battery, a UPS, and a speed regulator. Its performance was evaluated using rice, wheat, and wheat flour, with speed (1900–2300 rpm), feed rate (500–1000 g), and eccentric weight (20–25 g) as independent parameters. The machine provides several benefits compared to manual or conventional electrically operated systems. The use of solar power makes it energy-efficient and highly suitable for rural areas with irregular or limited electrical supply. The cylindrical stainless-steel design improves hygiene, cleaning efficiency, mechanical strength and distribution of vibrational forces. The dual power system ensures continuous performance without interruption. The machine significantly reduces labour time, increases cleaning efficiency and enhances product quality.





Solar powered cleaning cum sieving machine

- **Castor Decorticator:** Used to remove the hard-outer shells/hulls from the well dried castor capsules and extracts the castor beans/seeds It is a semi -automatic machine, operated with the help of an electric motor (0.5 hp, single phase). The capacity of the machine is 90-100 kg/h (throughput capacity) with an efficiency of 98% and output capacity (61-69 kg/h).

  Potential application: Used to remove the hard-outer shells/hulls from the well dried castor capsules and extracts the castor beans/seeds. Suitable to medium and small farmers, agro-processing units, non-edible oil extraction units, small scale lubrication manufacturers and custom hiring centres



Castor Decorticator

- **Sunflower Thresher-cum-Seed Dehuller:** Used to remove the outer hulls from graded sunflower seeds and extract the kernels mainly for confectionary purpose and edible oil extractions. Also, useful in removing the seeds from sunflower head. It is a semi -automatic machine, operated with the help of an electric motor (1 hp, single phase). The capacity of the machine is 15-18 kg/h (throughput capacity) with an efficiency of more than 95%, output capacity (55-58 kg/h) with 4-7% brokens. The threshing efficiency is 99% with 200-200 ear heads/h capacity (18-20 kg/h seed output - vary based on size).

  Potential application: Used mainly to extract the sweet corn seeds from cobs, also suitable for maize shelling of other varieties with proper adjustment in shelling unit. Suitable for farmers, seed-processing units, poultry, small scale corn starch extractions units, etc



Sunflower Thresher-cum-Seed Dehuller

- **Double Head Maize/ Sweet Corn Seed Sheller:** Used mainly to extract the sweet corn seeds from cobs, also suitable for maize shelling of other varieties with proper adjustment in shelling unit. It is a semi -automatic machine (manual feeding) having two-sided shelling units, operated with the help of an electric motor (0.5 hp, single phase) .The shelling capacity of the machine is 600-650 cobs/h (throughput capacity) with an efficiency of more than 99%, output capacity (56-60 kg/h sweet corn and 110 kg/h normal maize) with negligible seed damage (<1%), however the germination percentage is about 94%.

  Potential application: Used mainly to extract the sweet corn seeds from cobs, also suitable for maize shelling of other varieties with proper adjustment in shelling unit. Suitable for farmers, seed-processing units, poultry, small scale corn starch extractions units, etc



Double Head Maize/ Sweet Corn Seed Sheller

11.Millets made desirable

- **PROTEIN FORTIFIED MILLET FLAKES:** Millets have a high fibre content, which can help to keep the digestive system healthy and reduce the risk of certain chronic diseases. Millets are also a good source of essential vitamins and minerals, such as Vitamin B, iron, magnesium, and phosphorus. They are also gluten-free, making them a great choice for those with gluten or wheat

allergies. The following four technical know-hows developed at UAS, GKVK, Bengaluru in support with NRDC, and are available for commercial exploitation through NRDC.

1. Protein Rich / fortified foxtail millet flakes
2. Protein Rich /fortified little millet flakes
3. Protein Rich / fortified sorghum flakes
4. Protein Rich / fortified white ragi flakes

The developed Breakfast Cereals/ flakes contain high amount of proteins 20-23% and are rich in fibre with shelf life of 6 months. These products have potential of producing at industrial level. The millet based breakfast cereals/flakes can be consumed along with hot milk as breakfast cereals during breakfast along with milk or can be used as masala form of products by blending masala and consumed as healthy snacks.

Status:

The Products are commercialized to M/s. Davangere & Chitradurga Districts Regional Co-operative Organic Farmers Association Federation Ltd (R), Davanagere through NRDC, New Delhi for Rs. 200000/- (Rupees Two Lakhs only).

- **Millet based instant mixes:** Nutritious instant mixes from millets with balanced quantity of nutrients suitable for consumption in different time of the day (breakfast items, main dish items, snacks, condiments) as well as Special festival foods for particular festival were tried. Different instant millet mixes such as

1) Multipurpose millet spicy mix
2) Millet Instant kheer mix
3) Instant millet Idli mix

Instant spicy millet mix: The instant spicy mix was developed using different levels of millet incorporation along with the spices and dehydrated leafy vegetables. Among different variations, 60 % millet incorporation with other ingredients scored significantly higher sensory scores compared to other treatments tested for multipurpose Instant spicy millet mix.

Millet Instant kheer mix: Among the different levels of millet incorporation, 50 % processed millet with other ingredients scored significantly higher sensory scores for payasa / kheer (Payasa) compared to other treatments. Instant kheer was prepared using fruit-based spray dried powder as natural colouring agent along with antioxidant and nutritional properties. Nutritionally the instant kheer mix was good in terms of protein, dietary fiber, calcium, iron and zinc contents. The antioxidant property of the developed mix was significantly more in terms of total polyphenol, anthocyanin and total antioxidant percentage.

Millet Instant Idli mix: Among the different levels of millet incorporation, 70 % processed millet semolina incorporated Idli were significantly received more sensory scores compared to other levels of incorporation Idli mix was good in terms of protein, calcium, iron and zinc contents.





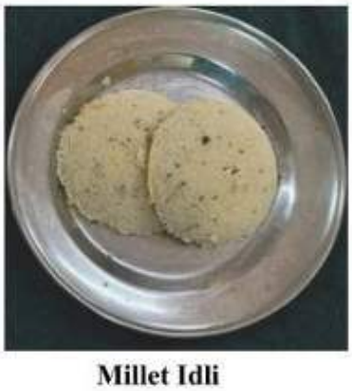
Instant Foxtail Millet Payasa/Kheer Mix **Instant Foxtail Millet Payasa/Kheer**





Multi-Purpose Spicy Millet Mix





Instant Millet Idli Mix **Millet Idli**

- **Sugar-Free, Maida-Free Biscuits, Cookies and Rusks:** The University of Agricultural Sciences (UAS), Bangalore has developed an innovative range of bakery products aimed at promoting healthy eating without compromising taste. The baked products such as biscuits (sweet and salt), cookies, and rusks - are developed using GKVK Stevia – 1 variety, a natural low-calorie sweetener, and White Finger Millet variety KMR - 340, a nutrient-rich grain.

The newly developed bakery products come in two formulations - one using green stevia leaves and the other with processed white stevia powder combined with Finger millet KMR - 340 flour to create a tasty, low-glycaemic snacks that support better metabolic health.

Scientists at UAS Bangalore emphasize that this initiative blends the heritage of millets with modern nutritional science to address lifestyle diseases such as diabetes, over weight and obesity, while adding value to agricultural produce. The university plans to commercialize these products in collaboration with industry partners, making them available to consumers in the near future.



Stevia Rebaudiana - Plant



Green stevia powder



White stevia powder



White Finger millet - Ear head



White Finger millet grains



White Finger millet flour



Green Stevia White Finger millet Biscuit



Green Stevia White Finger millet Cookies



Green Stevia White Finger millet Rusk



White Stevia White Finger millet Biscuit



White Stevia White Finger millet Cookies



White Stevia White Finger millet Rusk

12.Designer foods

- **Energize Pro Fusion Sports Mix:** Energize Pro Fusion Sports Mix contains plant based functional ingredients with ready mix for post workout nutrition. Developed Energize Pro Fusion Sports Mix is rich in essential amino acid, complex carbohydrates and micro nutrients having Protein digestibility is 78.13 per cent, indicating significant breakdown during in-vitro digestion. Energize Pro Fusion Sports Mix serves the need of athletes seeking performance enhancement, hydration and muscle recovery.Notably, the food intervention study showed positive effects on anthropometric parameters, lipid profile, protein profile and Hemoglobin status and workout performance by reducing the fatigue. Energize Pro Fusion Sports Mix is the best alternative to be chosen by the athletes.



Energize Pro Fusion Sports Mix



Ready-to-drink post work-out beverage prepared from functional food mix



Consumer acceptability study



Athletes' involvement in the research study

- **Gluten free Roti mix and its preparation process thereof:** The present invention relates to develop the gluten free roti mix or flour composition. It particularly relates to develop gluten free roti mix or flour composition by using the functional ingredients composed of sorghum, quinoa and chia. The invention is specifically to provide the gluten free roti mix or flour composition minimally processed flour mix, no added synthetic additives and preservatives with good nutrient composition and better shelf life. The invention also relates to develop the suitable process for preparation of roti/chapatti/phulka/flatbread that prepared by using the improved roti mix or flour composition with grain flour and water. Dough made from above mix having elasticity, stretchability, more water absorption capacity without adding visible fat to manufacture roti/chapatti/phulka/flatbread and such products having good textural and sensory properties. The roti/chapatti/phulka/flatbread which is rich in macro and micro nutrients, without addition of visible fat and also it is soft, easily breakable and chewable with good sensory parameters having good storage life.

- **Nutridense Designer Samosa:** The present invention provides modified process to develop designer samosa (Indian stuffed pastry) by using functional ingredients comprising of sorghum flour, chia, refined wheat flour and green gramas major ingredients for dough followed by samosa sheet and with nutridense stuffing. These designer samosas are nutridense-fiber rich having excellent fatty acid profile (ω3 and ω6), no added synthetic preservative and colour, with low fat absorption excellent crispy textural properties, good mouth feel. Developed samosa dough absorb good amount of water and low oil absorption capacity having better shelf life and good nutrient composition. Contains very good micronutrient such as calcium, iron, zinc content with about one month storage life and nutridense designer samosa suitable for all age groups people.

- **Instant Cake Premixes Using Jackfruit and Banana Flour:** a new line of fruit flour-based instant cake premixes made from jackfruit and banana are easy-to-use, ready-to-bake premixes offer a tasty, nutritious alternative to conventional cake mixes, while also reducing fruit wastage.

	
Jackfruit flour-based cake premix	Banana flour-based cake premix
	
Jackfruit flour-based cup cake	Banana flour-based cup cake

13.Precision agriculture

- **Standardized drone-based spraying of nutrient and growth regulators in finger millet and pigeonpea**

Salient features: Spraying through drone in **redgram** and **finger millet** enables **precise, uniform, and timely** application of nutrients, which is difficult to achieve with manual or tractor-based methods. In **redgram,** drones help manage nutrient deficiencies effectively in tall and widely spaced crops while minimizing labor and operator exposure. In **finger millet,** drones ensure efficient foliar feeding in dense, small rainfed plots, improving input efficiency, reducing water use and enhancing productivity.

Technology: Height of spray is 1.5mt above crop canopy with forward speed of 3 mt/second. Spray volume of 35 l/ha and 55 l/ha for early and later stages of the crop respectively

Details on Standardization of drone-based spraying

Crop	**Finger millet**	**Pigeonpea**
	Drought management	**Nutrient management**
Stages	55-65 days after sowing	1st spray - flowering stage 2nd spray - 10 days after 1st spray
Chemicals/ Nutrient	KNO_3	Pulse magic
Dose	2kg/acre (1%)	2kg/acre

Performance:

Particulars		**Conventional spray**	**Drone spray**
Pigeonpea	Yield	9.48 q/ha	10.82 q/ha
	Gross returns	Rs. 58776/ha	Rs. 67084/ha
	Net income	Rs. 19163/ha	Rs. 29370/ha
Finger millet	Yield	27.76 q/ha	28.96 q/ha
	Gross returns	Rs. 105488/ha	Rs. 110048/ha
	Net income	68428/ha	73679/ha

Cost Economics:

B:C ratio	**Conventional spray**	**Drone spray**
Pigeonpea	1.48	1.78
Finger millet	2.85	3.03

Other outcomes:

- ✓ No phytotoxicity was recorded
- ✓ About 15% of the chemicals can be saved in drone spray over conventional method
- ✓ Foliar spray of the chemicals through drone distributed them uniformly throughout the crop and resulted in 4% higher grain yield when compared to conventional spray



Drone spray in Fingermillet



Drone spray in Pigeonpea

- **Region specific smart Agrotechnologies for enhancing soil and plant health:** Collaboration with CSIR to support data generation under both field and controlled conditions for the development and validation of a prototype Unmanned Aerial Vehicle (UAV). The UAV will be integrated with advanced sensing and imaging systems to enable precise, efficient, and targeted application of agricultural inputs.

  The project will involve the acquisition of geo-tagged multispectral imagery—including Green, Blue, Red, Red-Edge, Near-Infrared (NIR), Short-Wave Infrared (SWIR), Thermal (LWIR)—along with LiDAR data at different crop growth stages. These datasets will be used to optimize spraying strategies, improve input-use efficiency, and enhance overall crop health and productivity. Based on the generated datasets, we aim to develop decision-support tools for the early detection of blast and sheath diseases, integrating crop health indicators with microclimate observations. To achieve this, IoT-based microclimate monitoring systems will be deployed to continuously record environmental parameters both within the crop canopy and above the canopy throughout the cropping season. These measurements will provide insights into microclimate dynamics and their role in disease initiation and progression. In addition, systematic field measurements at key crop growth stages will be conducted to capture soil, crop, and environmental parameters. The integration of these datasets will facilitate the identification of early warning signals for pest and disease outbreaks, enabling timely interventions and supporting precision disease management strategies.

14. Artificial Intelligence

- **AI–Integrated Hydroponic System and Method for Plant Health, Disease, and Nutrient Management:**AI–Integrated hydroponic system is an advanced, sensor- and vision-enabled cultivation platform developed for comprehensive plant health, disease, and nutrient management under soilless conditions. The system integrates real-time data from environmental and nutrient sensors measuring pH, electrical conductivity, dissolved oxygen, temperature, humidity, and light intensity, along with AI-based image analysis of plant canopy and foliage. Machine-learning and deep-learning algorithms continuously analyse physiological, nutritional, and visual symptoms to enable early detection of plant diseases, nutrient deficiencies, and abiotic stress before visible yield loss occurs. Based on predictive analytics, the system autonomously optimizes nutrient formulations, irrigation schedules, and microclimatic parameters, and generates actionable advisories for disease prevention and management. The uniqueness of this technology lies in its self-learning, crop-specific decision framework that integrates nutrient optimization with real-time disease diagnostics, surpassing conventional hydroponic systems that rely on static thresholds. The system enhances productivity, reduces water and fertilizer use, minimizes disease spread in controlled environments, lowers chemical inputs, and ensures uniform, high-quality produce. This

AI-driven hydroponic technology supports precision agriculture, sustainable production, and scalable deployment in greenhouses, urban farming, and protected cultivation systems, contributing to food security and climate-resilient agriculture.

- **Method, apparatus and system for analysing a fabric using trained artificial intelligence models:** This invention relates to an artificial intelligence–driven system and method for automatedcertification and hallmarking of silk fabrics. The invention applies machine learning and deep learning models to analyse visual information from fabric samples in a non-destructive manner, enabling reliable identification and classification of silk textiles. The system determines whether a fabric qualifies as silk and further identifies the specific silk type and weaving method relevant for certification purposes.

The disclosed approach addresses the limitations of traditional silk testing practices, which rely on manual inspection, chemical analysis, or expert judgement and are often destructive, inconsistent, and unsuitable for repeated or large-scale certification. By using trained artificial intelligence models, the invention provides objective and repeatable assessment of fabric characteristics, thereby supporting standardized silk authentication.

The system outputs certification-related information through a graphical interface, facilitating transparent hallmarking, quality assurance, and regulatory compliance. The invention is suitable for deployment in production units, testing laboratories, showrooms, and export certification centres, strengthening trust in silk products across domestic and international markets.

- **Smart Bee Hive: BeePrecise** refers to an AI and IoT enabled smart beekeeping technology designed for precision monitoring and management of honey bee colonies. The BeePrecise system uses sensors installed inside and around the hive to continuously record parameters such as brood temperature, humidity, hive weight and acoustic signals. These data are analyzed using artificial intelligence to assess colony health, detect early signs of stress, disease, swarming or queen loss and provide real-time alerts and actionable insights to beekeepers. By reducing the need for frequent manual inspections, BeePrecise supports timely decision-making, improves colony productivity, minimizes losses and promotes sustainable and data driven apiculture practices. Bee Precise Technology is incubated at the University of Agricultural Sciences, Bangalore.



Smart Bee hive

- **Development of AI/ML techniques for assessment of crop growth and yield parameters using ground, UAV and HRS images**: During the initial phase of project implementation, maize experimental plot (Long-Term Fertilizer Experiment) and sunflower experimental plots (nano-fertilizer and herbicidal trials) located at ZARS, UAS, GKVK, Bengaluru were selected for LiDAR data collection. Along with this, physical observations such as number of cobs per plant, cob length, cob girth, cob diameter, number of seed rows, number of grains per row, and test weight in maize were recorded. Similarly, in sunflower, observations on capitulum diameter, number of seeds, test weight, and yield were recorded. These yield parameters were also collected from samples obtained from farmers' fields in Davanagere and Bellary districts to develop artificial intelligence and machine learning models for maize and sunflower by relating them to UAV and hyperspectral remote sensing (HRS) images collected by RRS (South), Bengaluru.

- **3D Printed honeycomb for Indian honey bee, A*pis cerena indica:*** The invention relates for the development of 3D printed honeycomb for Indian honey bee *Apis cerana indica*. It particularly relates to the development of an artificial 3D Printed honeycomb *Apis cerana indica* that is technically and economically feasible and enables the bees to get a free working environment, at the same time avoiding the attack by moths, a strong and durable honeycomb. It specifically relates to the development of an artificial 3D Printed honeycomb for Indian honey bee *Apis cerana indica* made up of Acrylonitrile Butadiene Styrene (ABS) which is suitable for ISI 'A' type frame of Newtonian frame suitable for *Apis cerana indica*. It also relates to the method for the fabrication of an artificial 3D Printed honeycomb built for Indian honey bee *Apis cerana indica* by additive manufacturing technology by laying down successive layers of material using a reasonably sized machine and a computer containing blue print of the object. It further relates to the method for application of developed 3D Printed honeycomb for honey production by Indian honey bee *Apis cerana indica*.



3D Printed Honeycomb for Indian Honey Bee, A*pis cerena indica*

15.Websites

- **Online Seed Sale Portal:**

App Link: NA

Web Link: https://uasgkvkseeds.org/

The online seed sale software developed by AICRP on Seed (Crops), UAS, Bangalore, is a comprehensive and user-friendly digital platform designed to streamline and modernize the process of purchasing seeds. The system ensures secure user registration through mobile number–based OTP verification and allows effortless login using registered mobile numbers, enhancing ease of access. It

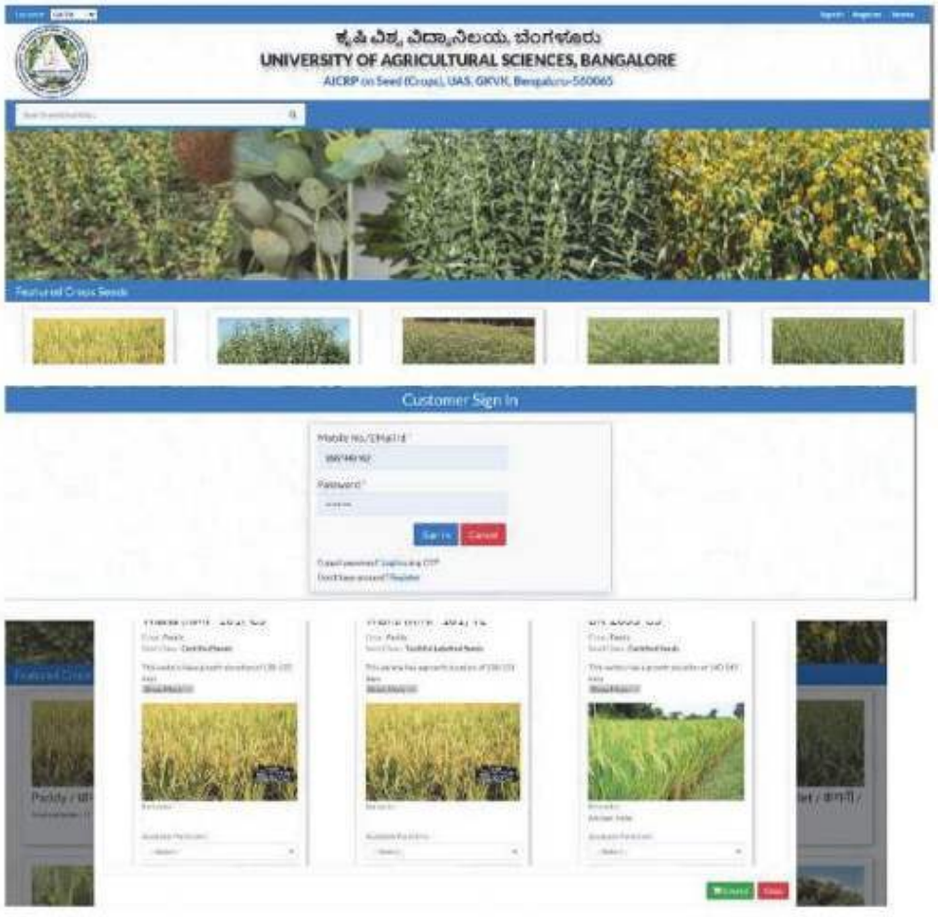
offers a rich catalog of crop varieties developed by UAS Bangalore and other popular varieties, along with detailed descriptions, recommendations, and package of practices to support informed decision-making. The platform provides real-time information on seed stock availability, pack sizes, and pricing, ensuring transparency and efficient purchase planning. Users can seamlessly place orders through a cart-based system with clear visibility of total costs, including postal charges. Secure online payments are supported through multiple gateways such as UPI, net banking, debit and credit cards, and Bharat QR. Additionally, real-time order tracking integrated with Indian Post, along with SMS and email updates, ensures transparency, accountability, and enhanced customer satisfaction throughout the order lifecycle.

Objectives: Online registration with OTP-based authentication, Browsing crop varieties with detailed package of practices, Real-time seed stock availability and pricing, Secure online payments (UPI, Net Banking, Debit/Credit Cards, Bharat QR), Transparent postal charge calculation, Real-time order tracking through Indian Post integration.

Impact:

- Enhanced accessibility of quality seeds to farmers across regions
- Improved transparency in pricing and availability
- Reduced physical dependency on seed outlets
- Increased farmer confidence through real-time order tracking

No. of Downloads: NA (Web portal) (Number of Registration & gt;5000)



- **Dhartimitra:**

Website / Mobile App.: http://www.dhartimitra.uasbangalore.edu.in/

Name of the Apps: Dhartimitra

Year of Establishment: 2023

Dhartimitra is the web (http://www.dhartimitra.uasbangalore.edu.in/) and mobile application software developed by All India Coordinated Research Project on Soil Test Crop Response, UAS, Bangalore, to fetches the fertility status of the land based on the geo-coordinates or survey number of the farmer's field. Furthermore, fertilizer recommendations can be made through STCR approach for specific yield target or Low-Medium-High / Soil Test Laboratory approach for different crops. This app is accessible for 10 districts of Karnataka viz., Kolar, Tumakuru, Chitradurga, Mysuru, Hassan, Chamarajanagara, Ramanagara, Mandya, Bengaluru Rural, and Chikkaballapura.

The software-generated soil test values were found accurate to an extent of 75-90 per cent which was confirmed by analyzing nearly 100 soil samples from each district and compared with that of software-generated soil test reports. The software has been validated through 73 field trials in different taluks of 10 districts with seven crops which are commonly grown viz., finger millet (irrigated and rainfed), paddy, hybrid maize, cowpea groundnut, sunflower and foxtail millet. The results indicated that the STCR approach through software generated soil test values and actual soil test values recorded similar yield and were higher compared to general recommended dose, soil fertility rating approach and farmers practice.

Uses / Objectives:

1. The software will provide different soil test values for every 100-meter distance
2. Fertilizer recommendations are made based on STCR approach for specific yield targets.
3. Fertilizer recommendations are also made through LMH/STL approach for the crops without STCR equations
4. All the crops mentioned in POP (Cereals, Millets, Pulses, Oilseeds, Vegetables, Commercial crops, Flower, Fruits, Plantation, Medicinal and aromatic plants are included)
5. The software can be updated with soil test data of other Projects/Schemes every year
6. The accuracy of soil test report is to an extent of 85-90% (1000 soil samples were collected and validated).

Impact: The software-generated soil test values were found accurate to an extent of 75-90 per cent which was confirmed by analyzing nearly 100 soil samples from each district and compared with that of software-generated soil test reports. The software has been validated through 73 field trials in different taluks of 10 districts with seven crops which are commonly grown viz., finger millet (irrigated and rainfed), paddy, hybrid maize, cowpea groundnut, sunflower and foxtail millet. The results indicated that the STCR approach through software generated soil test values and actual soil test values recorded similar yield and were higher compared to general recommended dose, soil fertility rating approach and farmers practice.

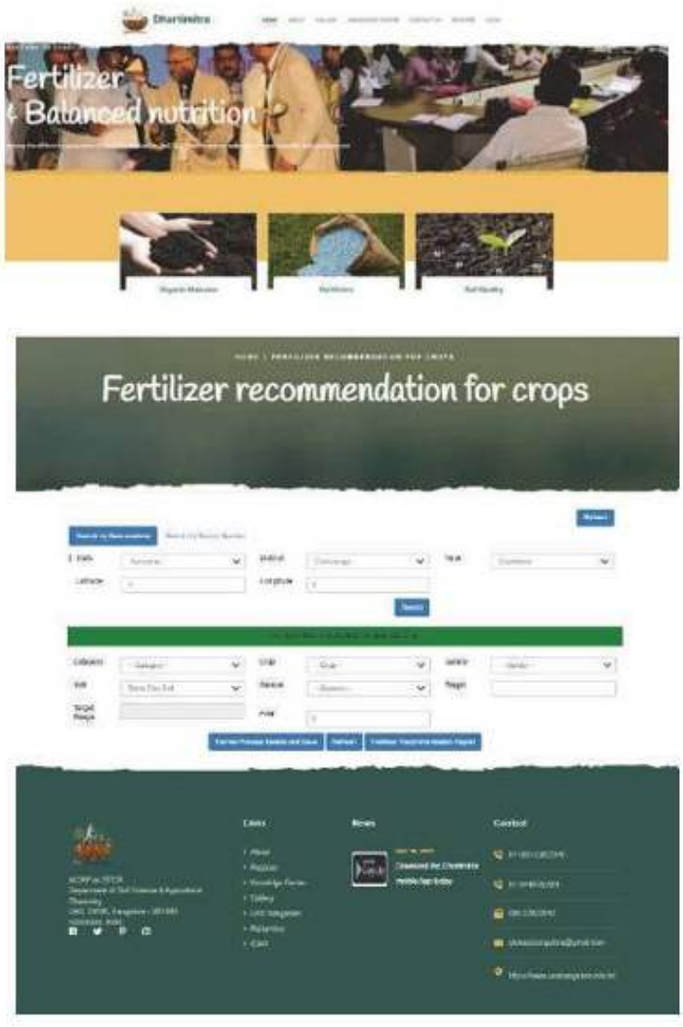
No. of Downloads:

Year wise and total: **2023 – 50+**

2024 – 280+

2025 – 100+

Total: 430



App Link:

Web Link: http://www.dhartimitra.uasbangalore.edu.in/

Farmer decision support

- **Weather Advisory services:** Weather based bulletins are prepared by including the information on realized weather and weather forecast on rainfall, temperature, relative humidity, wind speed and direction for the next five days received from IMD, Bangalore. Agromet Advisories (AAS) are prepared by taking the guidance from experts viz., Agronomist, Horticulturist and Entomologist, Plant Pathologist, Animal, Fishery and Poultry Scientists. Apps like Meghdoot, Damini, Mausam and Sidilu are being used to update the farmers about past weather, forecasted weather, extreme weather along with agromet advisories. These AAS are dispersed every Tuesday and Friday through different channels listed below:

No.	Extension Service	Number of farmers
E1	AAS through e-mails: Line department officials (KSDA & IMD)	150 mails
E2	Uploading AAS in UASB website (biweekly)	104/ year
E3	Mobile apps: Meghdoot, Damini and Bengaluru Megha Sandesha	104/ year

AAS through e-mails: Line department officials (KSDA & IMD)

asc_imd@yahoo.com, Priyanka Singh, cpriyanka04@gmail.com, Vice-Chancellor UAS Bangalore vcuasb1964@gmail.com, aasunit bangalore aasunitbangalore@gmail.com, agrimet imd agrimet_information@yahoo.com>,chaitrasatishk <chaitrasatishk@gmail.com>,The Diretor-In-Charge MC Bangalore <bangaloremc@gmail.com>,horticlinic lalbagh <statehorticlinic1@gmail.com>, tanmoy<tanmoy@ficci.com>,agrimet_amfu@yahoo.com,Krishi Ranga<krishiranga@gmail.com>,drylandgkvk@yahoo.co.in,AgriculturalMeteorology<agrimet_pune @yahoo.com>,riof uas <uasriof@gmail.com>,ambara8@hotmail.com,ftiuasb@gmail.com,AAS Bangalore <aas.bng@imd.gov.in>,JDA RURAL <dagrbrur2002@yahoo.com>,JDA Bangalore Urban <jdaurban@yahoo.com>,JDA Chikkaballapura <jdacbp@yahoo.com>,"Dean College of Sericulture,Chintamani" <disericulture@gmail.com>,Chandrakanth Mysore <mgchandrakanth@gmail.com>,Puttaraju TB <puttarajuindia@yahoo.co.in>, krishnamurthynagappa@yahoo.co.in,"Special Officer (Seeds) NSP, GKVK" <sosnsp@gmail.com>, dr sharanappa <sharanappa.dr@gmail.com>,rajannmd2006@yahoo.com, nj_pande@yahoo.com,manjunathanche@yahoo.co.in,M S UMA <sunfloweraicrp@yahoo.co.in>, "DR, BANGALORE" <dr@uasbangalore.edu.in>,Prasanna Kumar <drdpkumar@yahoo.co.in>, doe BANGALORE <doe@uasbangalore.edu.in>,deuasb@yahoo.co.in,de@uasbangalore.edu.in, digkvk@uasbangalore.edu.in,dsw@uasbangalore.edu.in,ao.gkvk_uasb@yahoo.co.in,gowdabk@yaho o.com,registrar@uasbangalore.edu.in,KCNarayanaswamy<uasbexams@gmail.com>, kcn_uasb@yahoo.co.in, editorBANGALORE <editor@uasbangalore.edu.in>, tnanand54@gmail.com, manjubnuasb@gmail.com,univlibrn@rediffmail.com,gopinathgowdegere60@gmail.com,ashoka_hg @yahoo.com,bmsuas@yahoo.com,gpbrahmaprakash@yahoo.co.in,GentryBerry <gnb267@gmail.com>,jayadeva98@rediffmail.com,Uma Shaanker <umashaanker@gmail.com>,vijaylakshmid@yahoo.com,ktprasanna@yahoo.com, srangaiah@rediffmail.com,Dayaladoss Doss <dds3a1win@gmail.com>,ktr_uasb@rediffmail.com, keshav_keshavbc@yahoo.co.in,"bc.channa keshav" <b.c.channa@gmail.com>,Gg Rao <gangadhar.eswar@gmail.com>, "C. Seenappa Agron" <seenuagron@gmail.com>,Venkat Chalapathi <venky8880@gmail.com>, boraiah-ask@yahoo.com,mtrayappa4@gmail.com, venkatgpb@rediffmail.com,nagasuma05@rediffmail.com,arskunigal@gmail.com, Siddagangaiah Gangaboregowda <siddagangaiah1960@gmail.com>,Prabhu Ganiger <prabhuganiger@gmail.com>,prswamy_7128@rediffmail.com,Ramanappa T M <ramantm@gmail.com>,Krishna Murthy <srkmurthyssac@gmail.com>,ifsdgokuas@gmail.com, ravichandrang_3@yahoo.co.in,muralikariyappa@yahoo.co.in,Vellingiri Palanimuthu <palanimuthuv@gmail.com>,NarayanaSwamy <snsgkvk@gmail.com>, chandrappa.m@rediffmail.com, gndhanpal@yahoo.co.in,Sanjay M T <mt.sanjay@gmail.com>,Aicrnuu Crops <aicrnuucrops@gmail.com>,"b.v. Krishnamurthy" <bvkmurthyin@yahoo.co.in>, druasb@gmail.com,krimanu.699@rediffmail.com, shivaramuk@rediffmail.com, varadaraju gm <varadarajugm@gmail.com>,shivanna Javarappa <shivannafti@gmail.com>,Krishi Vigyan Kendra Bengaluru Rural District <kvkbrd@gmail.com>, Srinivasappa K N <suhaskns@gmail.com>,vasanthi BG <vasubgkvk@gmail.com>,kvkcbpura@gmail.com,anand mr <anandmruas@gmail.com>, Sukanya T S <tssukanya@gmail.com>,nagappasrinivas@yahoo.com,srinivas nagappa <coordinatoracarologyainp@gmail.com>,mohanishwarnaik@yahoo.co.in,Murudaiah Shivamurthy <murudaiah.shivamurthy@gmail.com>,ksndmc ksndmc <dmc.kar@gmail.com>,dmc.kar@nic.in, ksn dmc <it@ksndmc.org>,\cbpura@gmail.com,"N. Rajanna" <aticrajanna@gmail.com>, arsbalajigapade pade <arsbalajigapade@gmail.com>,somasekhara_2004@yahoo.co.in, cls.bng@imd.gov.in,Yamanura Madival <yaman3181aug8@gmail.com>,Jayashree M K

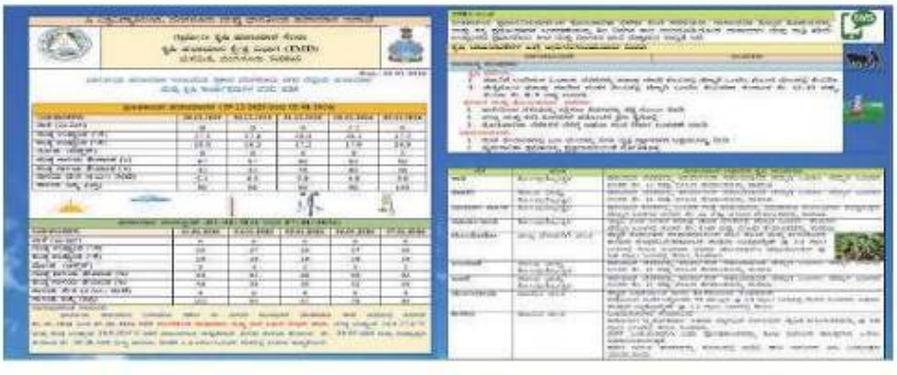
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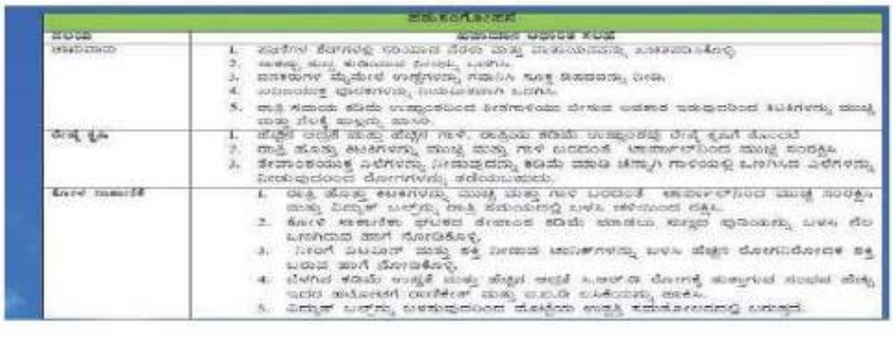
Uploading AAS in UASB website (biweekly)

English AAS



Local Language -Kannada AAS

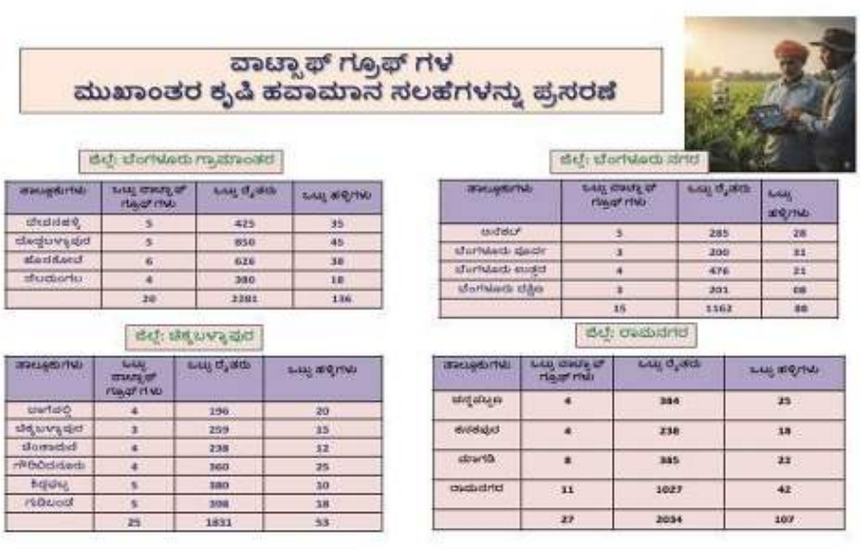




Mobile Apps used to upload agromet advisories



Dissemination of Agromet advisory Services through WhatsApp group of Eastern Dry Zone Districts



ತಾಲ್ಲೂಕುಗಳು	ಒಟ್ಟು ವಾಟ್ಸ್ ಪ್ ಗ್ರೂಪ್ ಗಳು	ಒಟ್ಟು ರೈತರು	ಒಟ್ಟು ಹಳ್ಳಿಗಳು
ದೇವನಹಳ್ಳಿ	5	425	35
ದೊಡ್ಡಬಳ್ಳಾಪುರ	5	650	45
ಹೊಸಕೋಟೆ	6	626	38
ನೆಲಮಂಗಲ	4	380	18
	20	2281	136

ತಾಲ್ಲೂಕುಗಳು	ಒಟ್ಟು ವಾಟ್ಸ್ ಪ್ ಗ್ರೂಪ್ ಗಳು	ಒಟ್ಟು ರೈತರು	ಒಟ್ಟು ಹಳ್ಳಿಗಳು
ಯಲಹಂಕ	5	285	28
ಬೆಂಗಳೂರು ಪೂರ್ವ	3	200	11
ಬೆಂಗಳೂರು ಉತ್ತರ	4	476	21
ಬೆಂಗಳೂರು ದಕ್ಷಿಣ	3	201	08
	15	1162	88

ತಾಲ್ಲೂಕುಗಳು	ಒಟ್ಟು ವಾಟ್ಸ್ ಪ್ ಗ್ರೂಪ್ ಗಳು	ಒಟ್ಟು ರೈತರು	ಒಟ್ಟು ಹಳ್ಳಿಗಳು
ಬಾಗೇಪಲ್ಲಿ	4	196	20
ಚಿಕ್ಕಬಳ್ಳಾಪುರ	3	259	15
ಚಿಂತಾಮಣಿ	4	238	12
ಗೌರಿಬಿದನೂರು	4	360	25
ಶಿಡ್ಲಘಟ್ಟ	5	380	10
ಗುಡಿಬಂಡೆ	5	398	18
	25	1831	53

ತಾಲ್ಲೂಕುಗಳು	ಒಟ್ಟು ವಾಟ್ಸ್ ಪ್ ಗ್ರೂಪ್ ಗಳು	ಒಟ್ಟು ರೈತರು	ಒಟ್ಟು ಹಳ್ಳಿಗಳು
ಮಾಗಡಿ	4	384	25
ಕನಕಪುರ	4	238	18
ಮಾಗಡಿ	8	385	22
ರಾಮನಗರ	11	1027	42
	27	2034	107

Land resource inventory and Atlas generation:

The World Bank funded Rejuvenating Watersheds for Agricultural Resilience through Innovative Development (REWARD) project was funded by Watershed Development Department (GoK) to generate the Land Resources Inventory of 7.35 lakh hectares, at micro-watershed level on soil depth, texture, slope, erosion, gravelliness and stoniness, land use/land cover, soil profile, profile location data, location of wells and hydrology. At present survey number wise detailed data on said aspects is available for 600 micro watersheds in REWARD project. The data is available under watershed development department portal in the form of Atlas.

Land Resource Inventory (LRI) data generated and documented in the form of Atlas contains comprehensive information with soil maps, fertility maps, land capability maps, proposed crop plans, survey number wise for each micro watershed.

The Atlas is disseminated to all the line departments such as Agriculture and Horticulture department to help the farmers of rainfed areas in the concerned districts for farm level planning and better crop production. Planners, Researchers and Policy makers can make effective use of technological tools such as Land Resource Inventory, Hydrological and Meteorological information for providing farmer friendly scientific and parcel level information to the farmers. Decision Support System (DSS) portal is also available to the stakeholders and farmers. During the process of conducting LRI, tools like Satellite Remote Sensing, Geographical Information System, GPS are used for providing the location specific advisory to the farmers.

The outputs in the form of atlas, reports and papers were prepared and submitted to Watershed Development Department for use (2022-2025).

- LRI was conducted in 959 micro watersheds covered in 140 sub watersheds in REWARD projects, respectively. Micro watershed wise LRI atlases (both in Kannada & English) are being generated.
- Hydrological stations were established at two pilot micro-watersheds *viz*., Halayapura micro-watershed of Tumkur taluk and Devanayakanahalli micro-watershed of Turuvekere taluk in sujala project. Addition to these, three more model micro-watersheds namely Mududi micro-watershed in Arasikere taluk, Niragantipalli micro-watershed in Bagepalli taluk, Sonnenahalli2 micro-watershed in Kolar taluk were established under REWARD project.
- 844 micro watershed LRI atlases were prepared (English & Kannada) in REWARD project.
- Two research papers and Twelve abstracts on different aspects of LRI were presented in different conferences.

Land Resource Inventory Cards:

Land resource inventory cards in addition to chemical properties and fertility status of the soil it gives information on physical properties of the soil like depth of the soil, soil texture, gravelliness, slop, erosion, land capability, water holding capacity and traditional soil name. Based on this suggested crop plan and suitable management practices which helps the farmers in increasing productivity and conserving soil on sustainable basis.

- In REWARD project, nearly 4,77,057 LRI cards (were generated and sent to the respective districts for distribution to the farmers

Physical Progress with respect to reports prepared during 2022-23 (REWARD Project):

Sl. No	Activities undertaken	Numbers
Land Resource Inventory		
1	No of micro watersheds - LULC completed	125
2	Area covered (in Lakh) ha.	1.10
3	No of micro watersheds - Profile studied	118
4	Area covered (in Lakh) ha.	1.01
5	Fertility samples collected (No.)	9,800
6	Fertility samples analyzed (No.)	9,800
7	Profile studied (No.)	2,396
8	Water samples collected (No.)	116
9	Water samples analysed (No.)	116
10	No of soil maps generated (MWS)	92
11	No of LRI Atlases (MWS) submitted (English & Kannada)	78
12	LRI cards generated (No.)	22,416

Physical Progress with respect to reports prepared during 2023-24 (REWARD Project):

Sl. No	Activities undertaken	Numbers
Land Resource Inventory		
1	No of micro watersheds - LULC completed	254
2	Area covered (in Lakh) ha.	2.15
3	No of micro watersheds - Profile studied	246
4	Area covered (in Lakh) ha.	1.98
5	Fertility samples collected (No.)	14,465
6	Fertility samples analyzed (No.)	14,465
7	Profile studied (No.)	4,348
8	Water samples collected (No.)	394
9	Water samples analysed (No.)	394
10	No of soil maps generated (MWS)	246
11	No of LRI Atlases (MWS) submitted (English & Kannada)	212
12	LRI cards generated (No.)	1,09,914

Physical Progress with respect to reports prepared during 2024-25 (REWARD Project):

Sl. No	Activities undertaken	Numbers
Land Resource Inventory		
1	No of micro watersheds - LULC completed	296
2	Area covered (in Lakh) ha.	2.30
3	No of micro watersheds - Profile studied	292
4	Area covered (in Lakh) ha.	2.06
5	Fertility samples collected (No.)	18,746
6	Fertility samples analyzed (No.)	18,746
7	Profile studied (No.)	5641
8	Water samples collected (No.)	412

9	Water samples analysed (No.)	412
10	No of soil maps generated (MWS)	298
11	No of LRI Atlases (MWS) submitted (English & Kannada)	264
12	LRI cards generated (No.)	1,66,967

Physical Progress with respect to reports prepared during 2025-26 (REWARD Project):

Sl. No	Activities undertaken	Numbers
Land Resource Inventory		
1	No of micro watersheds - LULC completed	284
2	Area covered (in Lakh) ha.	1.80
3	No of micro watersheds - Profile studied	303
4	Area covered (in Lakh) ha.	2.30
5	Fertility samples collected (No.)	18,583
6	Fertility samples analyzed (No.)	18,583
7	Profile studied (No.)	5,746
8	Water samples collected (No.)	382
9	Water samples analysed (No.)	382
10	No of soil maps generated (MWS)	237
11	No of LRI Atlases (MWS) submitted (English & Kannada)	290
12	LRI cards generated (No.)	1,77,760

- **Analysing the impact of climate change using Info-Crop model on agricultural production in Karnataka:** In collaboration with Environmental Management & Policy Research Institute (EMPRI), the scheme worked on the analysis of impact of climate change on agricultural production in Karnataka.Long term crop and weather datasets were gathered from multiple sources and were used for the calibration of Info-Crop model and the calibrated model was used to simulate the crop yields under projected climates (2035).The net change in the major crops was estimated under changing climatic scenarios. There was increase in the production of crops like Chickpea (13.5%), Maize (24.5%), Sorghum (20.3%), Soybean (28.9%), Redgram (19.2%), Finger millet (12.0%) and Sugarcane (6.1%), but decrease in the productivity of crops like Rice (-5.6%), Wheat (-0.6%) and Groundnut (-9.6%) were observed.Based on the outcome, recommendations for adapting to the climate change were made, such as, Weather based cropping patterns, Strengthening the Agromet Advisory Service in the State, Rainwater management in rainfed areas, Flood Adaptation strategies (Long range), Organic Farming, etc.

- **Calibration of DSSAT crop simulation model in pigeon pea:** Calibration of genetic coefficient and yield for the three varieties (TTB-7, BRG-1 and BRG-2) using DSSAT model was made. The model underestimated yield with 40-62 per cent error, but the error was least in TTB-7, combination of dates of sowing and cultivars also had similar results. As second date of sowing has better performance these coefficients need further modification.

17. Germplasm conservation

Conservation of germplasm: A Gene bank including two Medium Term Storage (MTS) units, Polyhouse and Insect Proof Net house was established during 2023 at University of Agricultural Sciences, Bangalore (UASB) with a funding support of Rs. 295.00 Lakhs from RKVY during 2020-21 for conserving orthodox seeds.

Currently UASB Gene Bank holds following germplasm accessions

Sl. No	Submitted Scientist/Scheme	Submitted date	Crop/s	Base collection/ germplasm accessions	Core collection	Segregating material/ released varieties/ Inbred lines
1	Professor (Hybrid Rice) Zonal Agriculture research Station, VC Farm, Mandya	04.11.2023	Paddy			548 (Hybrid)
2	Principal Investigator DBT genetic enhancement of minor pulses project, AICRN on Potential Crops, UAS, GKVK, Bangalore	31.12.2023	Cowpea Horse gram	3182	386 284	
3	Professor & Scheme head, AICRP on Maize, ZARS, VC Farm, Mandya-571405	20.04.2024	Sweetcorn Pop corn			162- inbred lines 36-QPM inbred lines 48- inbred lines
4	Professor & Scheme head, AICRP on Maize, ZARS, VC Farm, Mandya-571405	25.06.2024	Maize Sweet corn Popcorn QPM	545-Normal 189 75 42		
5	Professor & Scheme head, AICRP on Small Millets, ZARS, VC Farm, Mandya-571405	25.06.2024	Finger Millet Foxtail Millet Little millet Browntop millet Sesamum Wheat Job tears Buck wheat Green gram Bambara groundnut	1922 172 05 06 13 08 03 01 53 67		
6	Junior Rice Breeder Zonal Agriculture research Station, VC Farm, Mandya	22.07.2024	Paddy	2078		
7	Professor & Scheme head AICRP on Soybean	12.08.2024	Soybean	1050		

	UAs, GKVK, Bangalore					
8	Professor & Scheme Head AICRN on Potential Crops, UAS, GKVK, Bangalore	03.10.2024	Grain amaranth	1881	180	
9	Junior Breeder & Scheme Head, AICRP on Castor ZARS, GKVK, Bangalore	04.01.2025	Castor (740)	109- germplasm 267- non-spiny collection		85- inbred lines 189- Advnaced breeding materials 90- Single plant selection
10	Professor & Scheme head, AICRP on Maize, ZARS, VC Farm, Mandya-571405	19.02.2025	Maize	251- CIMMYT germplasm 79- IIMR germplasm		49- F1bybrids 227-DH hybrid
11	Professor (Hybrid Rice) Zonal Agriculture research Station, VC Farm, Mandya	06.03.2025	Paddy			16 (CMS line)
12	Professor & Scheme Head AICRP on Soybean UAS, GKVK, Bangalore	18.08.2025	Soybean		632	
13	Assistant Professor (Plant breeding) AINP on Arid Legumes, ZARS, UAS, GKVK, Bangalore-65	18.08.2025	Horse gram	100		02- released varieties
14	Crop Co-ordinators AICRP on Small Millets UASB, GKVK, Bangalore	03.09.2025	Proso millet Kodo millet	673 1047		

- **Conservation of land races** The Government of Karnataka initiated a project in 2024 on conservation of crop Landraces. Under this project the **University of Agricultural Sciences Bangalore (UASB)** was encouraged to create a **"Repository of crop landraces and Maintenance at the UASB Gene Bank".** A sum of Rs. 25 lakhs was earmarked for creating the repository.

Further, landraces of twenty crops *viz.,* Paddy, Wheat, Sorghum, Finger Millet, Foxtail Millet, Little Millet, Browntop Millet, kodo Millet, Proso Millet, Barnyard Millet, Pigeonpea, Green gram, Horsegram, Fieldbean, Cowpea, Mothbean, Niger, Sesame, Sunflower and Red Chilli were collected using a Mobile App by Karnataka State Department Agriculture (KSDA) through Designated District Level Nodal Officers with the assistance of Agricultural Officers. A total of 1900 crop landraces were collected and submitted to UASB Gene Bank with an objective of Distributing the crop landraces to designated crop co-ordinators/crop breeders belonging to four farm Universities of Karnataka (University of Agricultural Sciences, Bangalore (UASB), University of Agricultural Sciences Dharwad (UASD), University of Agricultural Sciences, Raichur (UASR), and University of Agricultural and Horticultural Sciences, Shivamogga (KSNUAHS)) and also to conserve a part of the seed in the UASB Gene Bank to create a repository.

After retaining a part of the seeds for the Gene Bank, second part of the seeds of crop landraces were shared with designated Crop co-ordinators/Crop Breeder's in the presence of Director of Research, University of Agricultural Sciences, Bangalore, Additional Director of Agriculture, Dr. Sharanappa B. Mudagal, Joint Director of Agriculture, Mrs. Rashmi Alias, Deputy Director of Agriculture, Mr. Manju A. C of Karnataka State Department of Agriculture (KSDA) on 7th July, 2025 at the Directorate of Research, UAS, Bangalore.

The crop co-ordinators/plant breeders evaluated the Crop Landraces during *Kharif/Rabi* 2025. A monitoring committee consisting of Dr. A Mohan Rao, Professor (Plant Breeding) & Curator Gene Bank, Dr. S Ramesh, Professor (Plant Breeding), Dr. Yamanura, Junior Breeder & Scheme head, AICRP on Castor (Castor Breeding), District Nodal Officers and an Agricultural Officer with specialization in Genetics and Plant breeding were constituted to monitor the Crop Landraces Evaluation Trials.

- **Multi-parent Advanced Generation Intercross Populations (MAGIC) combining resistance to major diseases in Maize**: Nearly 1400 MAGIC RILs were developed and evaluated for their response to northern corn leaf blight (NCLB), Polysora rust (PR) and fusarium stalk rot (FSR) diseases at ZARS, VC Farm, Mandya during Kharif 2025. Out of 1134 MAGIC RILs, evaluated for their response to northern corn leaf blight, 61 RILs were found to be resistant and 335 were moderately resistant. While for Polysora rust, of the 1296 evaluated MAGIC RILs, 953 were resistant and 215 were moderately resistant. Evaluation of 1185 MAGIC RILs for assessing their response to fusarium stalk rot indicated that 385 were resistant and 556 were moderately resistant

18. Urban Agriculture

- **Bee Nivasa** serves as an important conservation and habitat enhancement unit not only for managed honey bees but also for a wide range of native and solitary pollinators. In addition to accommodating *Apis* species, Bee Nivasa is specifically designed to support the nesting, survival and multiplication of solitary bees such as leaf cutter bees, carpenter bees and nomia bees, which play a vital role in crop pollination and the maintenance of agricultural biodiversity. Artificial nesting structures, including wooden blocks with drilled holes, ipomea reeds, bamboo reeds and paper tubes are installed to mimic natural nesting sites and encourage nesting and population buildup of leaf cutter bees. Carpenter bees, which typically nest in dead wood and hollow bamboo stems, are supported through the placement of untreated wooden logs and blocks in shaded, undisturbed locations, facilitating natural nesting behavior while minimizing damage to farm structures. Soil nesting nomia bees are conserved by providing suitable soil-based nesting habitats with appropriate texture and moisture within the Bee Nivasa ecosystem. This approach helps conserve efficient pollinators threatened by habitat loss and intensive agriculture, ultimately contributing to improved crop productivity and ecological balance.



- **Microgreens**: The Soilless Agriculture Project (Hydroponics Unit), AICRP on Seed (Crops), UAS, GKVK, Bengaluru, has initiated Microgreens Production Training as a focused Human Resource Development (HRD) activity to promote sustainable urban farming, nutritional awareness, and enterprise development.

Microgreens are young edible greens harvested 7–14 days after germination. They are highly nutritious, require minimal space and water, and can be cultivated using soilless hydroponic systems, making them ideal for urban households, rooftop gardens, startups, and institutional kitchens. Demonstration and production are carried out at the Hydroponics Demonstration Unit, GKVK, where participants are exposed to tray-based cultivation, nutrient management, harvesting, packing, and business models for value addition.

As part of the HRD component, structured paid hands-on training programmes are organized on the second Saturday of every month. These trainings cater to students, entrepreneurs, farmers, women self-help groups, start-ups, nutritionists, and urban growers. The programme includes expert lectures, guided demonstrations, and practical sessions, enabling participants to confidently adopt microgreens cultivation for household use or commercial ventures.

The initiative has already generated significant public interest, and several trained participants have progressed toward establishing independent microgreens enterprises, reflecting the strong potential of this technology for income generation, entrepreneurship, and nutrition security. This monthly HRD programme reinforces GKVK's role as a centre of learning and demonstration in modern soilless agriculture, contributing to capacity building, technology dissemination, and sustainable food production systems.

- **Small scale hydroponic systems and towers**: The Soilless Agriculture Project (Hydroponics Unit), AICRP on Seed (Crops), University of Agricultural Sciences, GKVK, Bengaluru, is actively engaged in promoting kitchen garden hydroponics as an urban-friendly production system for household nutrition and sustainability. As part of this initiative, the Unit has established and demonstrated small hydroponics units and vertical hydroponic tower systems that are specifically designed for urban gardens, kitchen gardens, balconies, terraces, and rooftop spaces, where land availability is minimal. These systems operate entirely without soil and use up to 90 per cent less water than conventional soil cultivation, making them highly suitable for cities facing water constraints and space limitations. Through live demonstrations and guided exposure, participants are familiarised with hydroponic principles, nutrient management, crop planning, harvesting, and

household-level utilisation of vegetables and herbs. This activity forms an important component of the Human Resource Development (HRD) programme under the project, wherein paid hands-on training programmes are conducted on the second Saturday of every month for students, entrepreneurs, women self-help groups, urban households, startup aspirants, and interested members of the public. Many trainees have successfully adopted balcony and rooftop hydroponic gardens at their homes, while a few have progressed towards establishing small-scale commercial ventures, reflecting the practical relevance and social impact of this initiative. Overall, the kitchen garden hydroponics programme has strengthened the role of UAS-GKVK as a centre for technology demonstration and capacity building in modern soilless agriculture, contributing to sustainable urban food production, pesticide-free nutrition, and self-reliant household food systems.

6.6.3.6 IPR Cell/ ITMU

The IPR Cell was approved in the 55th research council meeting dtd 17.06.2015 and 367th meeting of board of management of UAS Bangalore with definite functions. The IPR Cell of UASB serves as a central point for an organization's innovation network, guaranteeing that creative results are legally safeguarded and efficiently employed. This cell encourages socio-economic growth by introducing innovations to the marketplace and provides University the necessary competitive edge in the knowledge-based economy. IPR cell of UASB delineates its duties on protection of all IP forms through Intellectual Property Management Cell (IPMC) and transfer of technology to the society through Technology Commercialization Committee (TCC) by signing Memorandum.

Functionality of IPR Cell:

- IP Management: Formulates and executes organizational IP strategies, performs research, and evaluates patent eligibility.
- Protection & Filing: Aids in preparing documents, submitting applications (patents, copyrights, designs), and overseeing the prosecution procedure.
- Commercialization: Supports the transfer of technology and collaborations with businesses to bring IP to market.
- Assistance for Innovators: Offers advice and mentorship to creators, including grassroots inventors, to bring their concepts to life

Objectives of IPR Cell:

- In today's context, it has become necessary to have IPR since unprotected research results in the university may lead to unacknowledged use/ exploitation of such research for commercial gains by any other agencies both within the country and abroad.
- IPRs over any technologies offer possible mechanisms for stimulating research, enabling access to technology and promoting enterprise growth.
- For Registration and Documentation for Plant Genetic Resources which includes New varieties, Value Genetic Stocks and varieties already developed in the university.
- Protection of IPR creates incentive for more knowledge and technology generation as scientists/ innovators are recognized and rewarded.
- For commercialization of technologies developed in the university with a well-defined MOUs and mutual consensus in line with IPR procedures.

Abstract of patents, variety/germplasm registration and technology commercialisation

Particulars	Numbers
Germplasm registration at ICAR	1
Patents Granted to UASB	14
Patents Granted to the Faculty in Collaboration	7
Patents application filed	15
UASB Varieties registered with PPV&FRA, New-Delhi	15
UASB Varieties registration applications submitted but awaiting registration	23
Farmers Varieties registered with PPV&FRA, New-Delhi through UASB	12
Farmers Varieties registration applications submitted through UASB but awaiting registration	21

Germplasm registration at ICAR

- The Germplasm IC263015 of Cowpea (INGR25060) developed by T Lakshmi Pathy, A Mohan Rao, K, Tripathi, TV Krishna, Shirisha K M, Prashantha V, JA Jain, S Ramesh, Gopalareddy K and GP Singh, University of Agricultural Science, GKVK, Bengaluru, Karnataka has been registered by Plant Germplasm Registration Committee of Indian Council of Agricultural Research on December 26, 2025.

Details of Patents Granted

Sl. No	Title	Patent No.	Country	Grant date	Scientists
1	Enhanced loop-mediated isothermal amplification method for detecting latent Xap Infection in pomegranate	2021101342	Australia	28.04.2021	Dr. Prasanna Kumar, M.K. Dr. P. Buela Parivalla, Dr. H. B. Mahesh Dr. D. Pramesh and Dr. Prasad, S. Rajendra
2	An apparatus for Sugarcane propagation and a method thereof	2021102640	Australia	16.6.2021	Dr. Nagaraja, T. E. Dr. Yadav Dr. Suresh Dr. Shadakshari, Y. G.
3	Rapid Genotyping of the Rice R Genes Resistant to Bacterial Leaf Blight using LAMP Technology	2021103516	Australia	28.7.2021	Prasanna Kumar, M. K.; Parivallal, P Buela; Mahesh, H. B.; Pramesh, Devanna; Manjunatha, Chennappa; S. Narayan, Karthik; Venkatesh, Gopal; N. Banakar, Sahana; S. Vemanna, Ramu and Rangaswamy, K. T.

4	Multiplex Detection of *Magnaporthe oryzae* and *Sarocladium oryzae* in Rice Seed using a Foldable Membrane Platform based on LAMP Technology	2021103517	Australia	28.7.2021	Prasanna Kumar, M. K.; Parivallal, P Buela; Mahesh, H. B.; Pramesh, Devanna and Raj, Edwin
5	System of duplex detection of *Magnoporthe oryzae* in rice seeds using a single membrane platform based on LAMP technology in resource -constrained areas	202022100598	German	02.3.2022	Dr. B. Sahana Nagaraj, Dr. Mahesh, H. B. Dendrite lab. Pvt. Ltd. Dr. Parivallal, P Buela Dr. Pramesh, Devanna Dr. Prasanna Kumar, M.K. Dr. Ramegowda, Venkategowda
6	Reusable loop-isothermal amplification single-fold assay for an accurate detection of seed borne associated with rice.	202022100599	German	30.03.2022	Basavarajegowda Mahesh Hirehally Dendrite Laboratories Private Limited Parivallal Perumal Buela Pramesh Devanna Prasannakumar Mothukapalli Krishnareddy
7	A process for the preparation of tomato (*Solanum lycopersicum*) bread and tomoto bread thereof	396430	India	09.05.2022	Dr. H. B. Shivaleela, Dr. S. Meenakumari Dr. M. A. Rani arvind Dr. L. Gopal
8	Portable system for detecting *Pectobacteriumcarotovorum* subsp. *brasiliense* strain RDKLR infecting radish using LAMP assay-based-on foldable-membrane platform.	202022100597	German	08.06.2022	Chandrashekar Byalahalli Subramani Parivallal Perumal Buela Pramesh Devanna Prasannakumar Mothukapalli Krishnareddy Ramegowda Venkategowda
9	Rapid and accurate point – of –care lamp colorimetric based diagnostic dipstick	401825	India	22.07.2022	Dr. M. K. Prasanna Kumar, Dr. P. Buela Parivallal, Dr. H. B. Mahesh, Dr. K. T. Rangaswamy, Dr. M. E. Puneeth, Dr. Yedeyur Gavisiddaiah

					Shadakshari, Dr. Siddegowda Rajendra Prasad
10	A Biosensor for the Early Detection of Plant Pathogens	456261	India	3.10.2023	Dr. Anitha Peter, Dr. Amrita Sukrity, Dr. Rohini Bhat V, Dr. Soumya Ganapati Bhat Dr. M Roshni, Dr. R. S. Anantapur
11	Solar powered roof top aquaponics food production system	497178	India	10.1.2024	Dr.B.V.Krishnamurthy
12	Gluten free Roti mix & its preparation process thereof	549913	India	10.09.2024	Dr. Usha Ravindra
13	Novel morphological and physiological markers to identify haploids in rice at an early growth stage	566318	India	16.05.2025	Dr. B. Mohanraj
14	Modified process for preparation of nutridense Designer Samosa	572543	India	24.10.2025	Dr. Usha Ravindra

Details of Patents Granted to the Faculty in Collaboration

Title	Patent No.	Country	Grant date	Scientists	Collaborating agency
Transgenic plants with enhanced traits	11168333	US	09.11.2021	Dr. Savitha Madappa	Monsanto Technology LLC, St.Louis, MO(US)
Sub-baric storage system	401836	India	22.7.2022	Dr. S. Rajendra Prasad, Dr. Ramachandra, C. T., Dr. Ashoka, H. G., Dr. Shivanna, B., Dr. Mahesh kumar, G. and Dr. Babu Ram Ray	ICAR and UAS, Bangalore
Transgenic plants with enhanced agronomic traits	11479783	US	25.10.2022	Dr. Savitha Madappa	Monsanto Technology LLC, St.Louis, MO(US)

A Soil conditioner and applications related thereto (Yellow gypsum as a source of Sulphur, Silicon and other micro nutrients in agriculture)	450892	India	12.9.2023	Dr. Prakash N.B. Dr. Prabhudev Dhumgond Dr. Shruthi Venkatesh, Dr. Chikkaramappa Thimmarayappa, Dr. Shrenivas, heturamacharya Ashrit, Dr. Supriya Sarkar Dr. Munish Sudan	Tata Steel Limited and UAS, Bangalore
Design and development of nanofluid based extended surface module for milk cooling	516796	India	28.2.2024	Dr. Majunath, M.	ICAR and UAS, Bangalore
Root vegetables cleaning machine	Design No. 389643-001	India	21.2.2024	Dr. Anand, B.A.	SJB Institute of Technology, Department of Mechanical Engineering, Bengaluru
Pesticide sprayer	Design No.436235-001	India	27.12.2024	Dr. Jayshree, G.C.	Maharana Pratap University of Agriculture and Technology, Udaipur

Details of Patent Application Filed

Title	Scientists	Filed	Application No.
A method for inducing early and rapid bud break in mulberry plants	Dr. Nataraja Karaba	11.6.2020	202041024544
Modified process for preparation of nutridense moringa pasta with masala	Dr. Usha Ravindra	7.12.2022	202241070731
Development of low-cost strata / platform from recyclable plastic waste for the rapid detection of plant virus (colorimetric)	Dr. Anitha Peter	27.11.2021	202141054918

Development of an alternative and simple in planta method of plant genetic transformation using a cationic lipid	Dr. Anitha Peter	27.11.2021	202141054917
Semi-automated silkworm cocoon cutting machine	Jyothi Thomas, Vandana Reddy, Dinesh Chandrasekhar, Bharathi V P, Kumari K, Sania Thomas	18.6.2021	202141027195
Artificial Intelligence integrated hydroponic system and method for plant health and nutrient management	Dr. Jadesha, G	20.09.2024	202441071347
3D Printed Honeycomb for Indian Honey Bee *Apis cerena* Indica	Parvathy Nayana N, S. Rajendra Prasad, Ramachandra C T, H.G. Ashoka, Mahesh Kumar, S. N. Bhat, Dronachari Manvi, M. K. Prasanna Kumar and Nataraja Karaba	31.12.2023	202341090377
Molecular detection of *Magnaporthe oryzae* by RPA-CRISPR Cas 12 a technique	Harvinder Kour Khera, Prassanakumar, M. K., Karan, R., Rakesh Mishra	19.2.2025	202541014085
Biological control of finger millet blast disease using an endophytic bacteria, Bacillus sp.	Dr. Nataraja Karaba	2.8.2024	202441058559
Molecular detection of Magnaporthe oryzae by LAMP-CRISPR Cas 12 a technique	Harvinder Kour Khera, Prassanakumar, M. K., Karan, R., Rakesh Mishra	26.3.2025	202541028218
Method, apparatus and system for analysing a fabric using trained artificial intelligence models"	Sangreskop Huma Kousar	14/10/2025	202541099134
Molecular detection of *Magnaporthe oryzae* by RPA-CRSPR cas12a technique	Harvinder Kour Khera M.K. Prasanna Kumar, Karan R, Rakesh Mishra	19.02.2025	202541014085
Upscalled Phytosynthesis of Silver nanoparticles using sandalwood Leaf extract	Dr. Veena Anil	20.04.2025	202541037902
Glyceraldehyde-3-Phosphate Dehydrogenase (GAPDH) as internal control for LAMP-CRISPR assay in plants	Harvinder Kour Khera M.K. Prasanna Kumar, Rakesh Mishra	04.08.2025	202541074255

Molecular Detection of *Sarocladium oryzae* by LAMP-CRISPR Cas12a technique	Harvinder Kour Khera M.K. Prasanna Kumar, Rakesh Mishra	07.08.2025	202541075039

Varieties registered with PPV&FRA, New-Delhi

Sl. No.	Crop	Variety Name	Registration No.	Date of Issue
1.	Rice	Daksha (KMP-175)	REG/2020/246	05.08.2022
2.		MSN 99	REG/2025/0582	04.12.2025
3.	Maize	MAH-14-5	REG/2020/154	12.06.2024
4.	Cowpea	PKB-4	REG/2021/0074	15.11.2022
5.		PKB-6	REG/2021/0067	02.11.2021
6.		KBC-9 (AV6)	REG/2022/0075	15.11.2022
7.	Grain Amaranth	KBGA-1	REG/2020/51	24.06.2021
8.	Sunflower	KBSH-78	REG/2024/1006	06.05.2025
9.		KBSH-85	REG/2024/1007	06.05.2025
10.		KBSH-88	REG/2024/1005	06.05.2025
11.	Finger Millet	ML-322	REG/2025/0459	04.12.2025
12.	Proso Millet	GPUP 28	REG/2025/0211	04.12.2025
13.	Foxtail Millet	GPUF 3	REG/2025/0212	04.12.2025
14.	Little Millet	GPUL 6	REG/2025/0213	04.12.2025
15.	Soybean	KBS 23	REG/2025/0783	03.12.2025

UASB Varieties registration applications submitted but awaiting registration

Sl. No.	Crop	Variety Name	Application No.	Registration No.	Date of Publish
1.	Rice	Daksha (KMP-175)	E21/OS81/20/246	REG/2020/246	01.04.2022
2.		MSN 99	E28/OS140/25/582	REG/2025/0582	01.09.2025
3.	Maize	MAH-14-5	E11/ZM28/20/154	REG/2020/154	01.07.2021
4.	Finger Millet	ML-322	E3/EL7/25/459	REG/2025/0459	01.09.2025
5.	Cowpea	PKB-4	E2/VU2/21/74	REG/2021/0074	01.12.2022
6.		PKB-6	E1/VU1/21/67	REG/2021/0067	01.06.2021
7.		KBC-9 (AV6)	E3/VU3/21/75	REG/2021/0075	01.12.2022
8.	Grain Amaranth	KBGA-1	E1/AH1/20/51	REG/2020/51	01.12.2020
9.		KBGA-4	Application sent on 30.09.2025 (under process)		
10.	Sunflower	KBSH-78	E4/HA4/24/1006	REG/2024/1006	01.01.2025
11.		KBSH-85	E5/HA5/24/1007	REG/2024/1007	01.01.2025
12.		KBSH-88	E3/HA3/24/1005	REG/2024/1005	01.01.2025
13.		KBSH-90	Application sent on 24.09.2025 (under process)		
14.	Little Millet	GPUL 6	E2/PE5/25/213	REG/2025/0213	01.09.2025
15.	Foxtail Millet	GPUF 3	E1/SIB1/25/212	REG/2025/0212	01.09.2025
16.	Proso Millet	GPUP 28	E1/PAM1/25/211	REG/2025/0211	01.09.2025

17.	Soybean	KBS 23	E6/GM9/25/783	REG/2025/0783	01.09.2025
18.	Sugarcane	CoVC 16061	E8/SA825/779	REG/2025/0779	01.09.2025
19.		CoVC 16062	E11/SA11/25/782	REG/2025/0782	01.09.2025
20.		CoVC 99463	E10/SA10/25/781	REG/2025/0781	01.09.2025
21.		VCF 0517	E9/SA9/25/780	REG/2025/0780	01.09.2025
22.	Sesame	GKVKS-1	Application sent on 05.12.2025 (under process)		
23.	Fodder Sorghum	CNFS-1	Application sent on 19.12.2024 (under process)		

Farmers Varieties of Jackfruit registered through UASB with PPV&FRA, New-Delhi

SI. No.	Jackfruit Variety name	Registration No.	Date of issue
1.	Janagere	REG/2021/138	21.03.2024
2.	Nelugudige Red	REG/2021/0139	21.03.2024
3.	Kachahalli Table Type 12	REG/2021/0140	06.12.2024
4.	Kachahalli Table Type 9	REG/2021/0141	06.12.2024
5.	Kachahalli Table Type 17	REG/2021/0142	21.03.2024
6.	KT 13 A	REG/2022/161	19.02.2024
7.	KT 13 B	REG/2022/162	19.02.2024
8.	NR-1	REG/2022/163	19.02.2024
9.	SBR-1	REG/2022/0168	07.02.2024
10.	SCT-1	REG/2022/0169	07.02.2024
11.	Teju	REG/2022/0170	07.02.2024
12.	SBM-1	REG/2022/0171	07.02.2024

Farmers Varieties registration applications submitted through UASB but awaiting registration

SI. No.	Jackfruit Variety name	Application No.	Registration No.	Date of Publish
1	KSK-1	F2/AHL2/24/554	REG/2024/0554	01.09.2025
2	KKT-1	F3/AHL3/24/555	REG/2024/0555	01.09.2025
3	HKL-1	F4/AHL4/24/556	REG/2024/0556	01.09.2025
4	Maharajapuram Jack	F4/AHL5/25/209	REG/2025/0209	01.09.2025
5	Nitya Jack	F6/AH6/24/583	REG/2024/0583	01.09.2025
6	NARASU	F5/AH5/24/582	REG/2024/0582	01.09.2025
7	Jaya Halasu	F3/AH4/25/148	REG/2025/0148	01.09.2025
8	R-42 Ramaswamy 42^0 Brix	Application sent on 11.10.2025 (under process)		
9	Hulgol Rudrakshi	Application sent on 11.10.2025 (under process)		
10	NAIK Jack- 1	Application sent on 11.10.2025 (under process)		
11	NAIK Jack- 2	Application sent on 11.10.2025 (under process)		
12	NAIK Jack- 3	Application sent on 11.10.2025 (under process)		
13	NAIK Jack- 4	Application sent on 11.10.2025 (under process)		
14	NAIK Jack- 5	Application sent on 11.10.2025 (under process)		
15	NAIK Jack- 6	Application sent on 11.10.2025 (under process)		
16	Ruby Jack	Application sent on 05.12.2025 (under process)		
17	Raj Jack	Application sent on 05.12.2025 (under process)		
18	Maria Jack	Application sent on 05.12.2025 (under process)		

19	Aranjika Jack	Application sent on 05.12.2025 (under process)
20	Chocolate Jack	Application sent on 05.12.2025 (under process)
21	Savari Jack	Application sent on 05.12.2025 (under process)

Details of Intellectual Property Management Cell (IPMC) of UAS Bangalore during 2021 to 2025.

Dates of IPMC meeting held during the last five years

Sl. No.	Meeting Date
1	9th July 2024
2	19th December 2024
3	14th February 2025
4	3rd March 2025

Meeting details of IPMC of UAS Bangalore during 2021 to 2025

Sl. No.	Year	Date of Meeting of IPMC	Major Recommendations	Actions Taken up
1	2024-25	09.07.2024	Meetings Shall be organized once every three months for all concerned breeders to provide guidance on the procedure for filing applications for registration under PPV&FRA, New Delhi	Recommendations adopted
			It was suggested to submit the soft copy of the application to Dr. A. Mohan Rao, Co-ordinator, IPMC for any corrections.	Yes, it was done
2	2024-25	19.12.2024	All the concerned breeders to submit the filled-up applications in respect of all eligible varieties pending for registration.	Recommendations are being practised and the details on the applications for registration of variety is listed
			The breeders presented the filled-up forms in different crops.	The breeders filled-up forms are submitted in respect of eligible crop varieties and submitted to PPV&FRA, New-Delhi
3	2024-25	14.02.2025	A total of four Sugarcane variety Applications were received from the concerned breeders (CoVC 16061, 16062, 99463 & VCF 0517) for registration under PPV&FRA, New Delhi	Applications have been duly processed and forwarded to PPV&FRA, Branch Office, Shivamogga for further necessary action
4	2024-25	03.03.2025	A total of four applications were received from the concerned breeders	Applications have been duly processed and forwarded to

			(Finger Millet- Ml-322, Proso Millet- GPUP 28, Little Millet- GPUL 6 & Foxtail Millet- GPUF 3) for registration under PPV&FRA, New Delhi	PPV&FRA, Branch Office, Shivamogga for further necessary action
			To correct/revise the contents as per the latest guidelines of PPV&FR Authority to submit the applications.	Recommendations adopted

Details of the Technology Commercialization Committee (TECC) meeting held during the period 2021-22 to 2025-26

Sl. No.	Year	Date of Meeting of TECC	Major Recommendations	Actions Taken up
1	2021-22	26-04-2021	Sunflower Hybrid KBSH – 78 recommended to commercialize for Rs.15,00,000/- + 4.5% royalty on sale Recommended to discuss in TCC Meeting	Approved as per the proceedings of the TCC Meeting held on 26-04-2021
2	2022-23	27/06/2022	Sunflower Hybrid KBSH – 41 recommended to commercialize for Rs.10,00,000/- + 4.5% on sale - royalty	Approved as per the proceedings of the TCC Meeting held on 27/06/2022
3	2022-23	20-10-2022	• Enriched gluten free cookies • Low fat little millet biscuit with Whey protein concentrate Rs. 10,000/- + 1,000/- = 11,000/- each + 3960/- GST	Approved as per the proceedings of the TCC Meeting held on 25-10-2022
4	2022-23	20-10-2022	• Enriched gluten free cookies • Low fat foxtail millet biscuit with Whey protein concentrate coconut flour nutria stripes Rs. 10,000/- + 1,000/- = 11,000/- each + 18% GST	Approved as per the proceedings of the TCC Meeting held on 25-10-2022
5	2022-23	20-10-2022	The Sunflower Hybrid KBSH-85 was recommended for commercialization with the licence fee of 10 lakhs + 4.5% royalty	Approved as per the proceedings of the TCC Meeting held on 12/05/2023
6	2024-25	27-05-2024	Maize MAH-14-138 Rs. 10,00,000/- + Applicable GST and 4.5% Royalty Recommended for TCC	Approved as per the proceedings of the TCC Meeting held on 09-09-2024

7	2024-25	27-05-2024	1. Ready –to-cook quinoa khara (savory) pongal mix 2. Ready –to-cook quinoa bisibelebath mix 3. Ready-to-cook quinoa khara bath (upma) mix 4. Ready-to-cook quinoa dhokla mix Rs.75,000/- + Training Cost Rs.4,000/- and applicable GST. Each One Rs. 15,000/- + Applicable GST and Rs. 2,000/- Training cost Recommended for TCC	Approved as per the proceedings of the TCC Meeting held on 09-09-2024
8	2024-25	27-05-2024	Machine Tamarind Deseeder (Model UASB 2021) recommended to commercialize Rs.1,00,000/-+ Applicable GST 3% royalty, 5 years, Non-exclusive Recommended for TCC	Approved as per the proceedings of the TCC Meeting held on 09-09-2024
9	2024-25	27-05-2024	Machine Buckwheat dehuller recommended to commercialize Licence Cost Rs. 50000 (Knowledge fee) +18% GST Recommended for TCC	Approved as per the proceedings of the TCC Meeting held on 09-09-2024
10	2024-25	27-05-2024	Solar-Cum-Biomass Energy dryer (Model – UASB 2021) Machine Cost Rs. 53,000/- + Applicable GST Licence fee Rs. 14,000+ Applicable GST + Royalty 3% Recommended for TCC	Approved as per the proceedings of the TCC Meeting held on 09-09-2024
11	2024-25	27-05-2024	Small millets dehuller – Abrasive type (Model – UASB 2021) Machine cost Rs.1,08,000 + applicable GST Licence fee Rs.25,000 + Applicable GST + royalty 3%	Approved as per the proceedings of the TCC Meeting held on 09-09-2024
12	2024-25	27-05-2024	Hot Air popping machine (Model – UASB 2022) Machine cost Rs. 1,86,000/- + Applicable GST) Licence fee Rs.40,000 + Applicable GST + royalty 3%	Approved as per the proceedings of the TCC Meeting held on 09-09-2024
13	2024-25	27-05-2024	Machine High Capacity Tamarind Dehuller Through NRDC Rs. 1,50,000/- (Machine + design) Through UASB Rs.1,00,000 (Machine + Design) Recommended for TCC	Approved as per the proceedings of the TCC Meeting held on 09-09-2024

14	2024-25	27-05-2024	Machine Multi-crop processing machine recommended to commercialize Rs.40,000/- + applicable GST, Licence fee Rs.25,000 + Applicable GST + royalty 3% Recommended for TCC	Approved as per the proceedings of the TCC Meeting held on 09-09-2024
15	2024-25	27-05-2024	Pongamia Decorticator Model – UASB 2018) Through NRDC Rs.1,00,000/- + Design Through UASB commercialize Rs.70,000/-+ (Machine + design) Recommended for TCC	Approved as per the proceedings of the TCC Meeting held on 09-09-2024
16	2024-25	10-12-2024	HA-5 Rs. 1,00,000/- + Applicable GST Recommended for TCC	Approved as per the proceedings of the TCC Meeting held on 26-12-2024
17	2024-25	10-12-2024	MAH 14-138 Rs. 1,00,000 + Applicable GST Recommended for TCC	Approved as per the proceedings of the TCC Meeting held on 26-12-2024
18	2024-25	10-12-2024	Energized pro fusion sports mix Rs. 50,000/- + Applicable GST & Training cost Rs. 5,000/- Recommended for TCC	Approved as per the proceedings of the TCC Meeting held on 26-12-2024
19	2024-25	10-12-2024	Gluten free roti mix Rs. 50,000/- + Applicable GST & Rs. 5,000/- training cost Recommended for TCC	Approved as per the proceedings of the TCC Meeting held on 26-12-2024
20	2025-26	16-05-2025	KBSH – 90 Rs. 15,00,000/- + Applicable GST Recommended for TCC	Approved as per the proceedings of the TCC Meeting held on 02.06.2025
21	2025-26	16-05-2025	MAH 15-44 Rs. 5,00,000/- + Applicable GST Recommended for TCC	Approved as per the proceedings of the TCC Meeting held on 02.06.2025
22	2025-26	08-12-2025	Stevia based baked products (6Nos.) Per technology Rs. 15,000/- + Applicable GST and 2000/- training cost Recommended for TCC	Approved as per the proceedings of the TCC

				Meeting held on 09.02.2026
23	2025-26	08-12-2025	Fruit Based Cake Premix (3 Nos.) Per technology Rs. 15,000/- + Applicable GST and 2000/- training cost Recommended to discuss in TCC	Approved as per the proceedings of the TCC Meeting held on 09.02.2026
24	2025-26	08-12-2025	Instant millet payasa mix Rs. 15000/- + Applicable GST and Training Cost Rs. 2,000/- Recommended to discuss in TCC	Approved as per the proceedings of the TCC Meeting held on 09.02.2026
25	2025-26	08-12-2025	Instant small millets multi use mix Rs. 15,000/- + Applicable GST & 2000/– Training Cost Recommended to discuss in TCC	Approved as per the proceedings of the TCC Meeting held on 09.02.2026
26	2025-26	08-12-2025	Instant Millet Idli Mix Rs. 15000/- + Applicable GST and Rs. 2,000/- training cost Recommended to discuss in TCC	Approved as per the proceedings of the TCC Meeting held on 09.02.2026
27	2025-26	08-12-2025	Double Head Maize /Sweet Corn Seed Sheller Rs. 30,000/- + Applicable GST and 3% royalty, non exclusive, duration 5 years Recommended to discuss in TCC	Approved as per the proceedings of the TCC Meeting held on 09.02.2026
28	2025-26	08-12-2025	Sunflower Thresher-cum-Seed Dehuller Rs. 42,000/- + applicable GST 3% royalty, non-exclusive, duration 5 years Recommended to discuss in TCC	Approved as per the proceedings of the TCC Meeting held on 09.02.2026
29	2025-26	08-12-2025	Castor Decorticator ರೂ. 33,000/– + Applicable GST 3% royalty, non-exclusive, duration 5 years Recommended to discuss in TCC	Approved as per the proceedings of the TCC Meeting held on 09.02.2026
30	2025-26	08-12-2025	HA-3 (Hebbla Avare) Rs. 1,00,000/- + Applicable GST & 3+2 years duration Recommended to discuss in TCC	Approved as per the proceedings of the TCC Meeting held on 09.02.2026

Dates of TECC meeting held during the last five years

Sl. No.	Meeting date
1	26-04-2021
2	27-06-2022
3	20-10-2022
4	27-05-2024
5	08-12-2024
6	16-05-2025
7	08-12-2025

Details of the Technology Commercialization Committee (TCC) meeting held during the period 2021-22 to 2025-26

Sl. No.	Year	Date of Meeting of TCC	Major Recommendations	Actions Taken up
1	2021-22	26-04-2021	Sunflower Hybrid KBSH – 78 recommended to commercialize for Rs.10,00,000/- + 4.5% on sale - royalty	Agreed for commercialize to NDDB and KCOGF Ltd., Bangalore
2	2021-22	27/06/2022	Sunflower Hybrid KBSH – 41 recommended to commercialize for Rs.10,00,000/- + 4.5% on sale - royalty	Agreed for commercialize to NDDB and KCOGF Bangalore
3	2021-22	25-10-2022	• Enriched gluten free cookies • Low fat little millet biscuit with Whey protein concentrate Rs. 10,000/- + 1,000/- = 11,000/- each + 3960/- GST	Agreed for commercialize to Sri. Raghu R. S.
4	2021-22	25-10-2022	• Enriched gluten free cookies • Low fat foxtail millet biscuit with Whey protein concentrate coconut flour nutria stripes Rs. 10,000/- + 1,000/- = 11,000/- each + 18% GST	Agreed for commercialize to Amrutha K. N.
5	2022-23	12/05/2023	The Sunflower Hybrid KBSH-85 was recommended for commercialization with the licence fee of 12 lakhs + 4.5% royalty	Agreed for commercialize to NSCL New Delhi
6	2022-23	12/05/2023	The Sunflower Hybrid KBSH-85 was recommended for commercialization with the	Agreed for commercialize to Sri Malatesh Krishi Kendra, Ranebennur

			licence fee of 12 lakhs + 4.5% royalty	
7	2023-24	30-05-2024	Maize Hybrid MAH-14-138 recommended to commercialize Rs.6.0 Lakhs and 4.5% Royalty	Agreed for commercialize to Steps will be taken to commercialize.
8	2023-24	29-07-2024	1. Ready –to-cook quinoa khara (savory) pongal mix 2. Ready –to-cook quinoa bisibelebath mix 3. Ready-to-cook quinoa khara bath (upma) mix 4. Ready-to-cook quinoa dhokla mix Rs.75,000/- + Training Cost Rs.4,000/- and applicable GST.	Agreed for commercialize to Sagi Foods No. 21/A-B, Sy. No. 96, 2nd Cross, 2nd Phase, Kumbalagudu Industrial area Bengaluru urban 560 074 M/s Miccro grain, No 61/A (109/A), 4th Main 15th Stage, 15th Phase, Opposite to city hospital west of Chord Road, Manjunath Nagar Bengaluru – 560 010
9	2023-24	09-09-2024	Machine Buckwheat dehuller recommended to commercialize Licence Cost Rs. 50000 (Knowledge fee) +18% GST	Agreed for commercialize to Meghalaya Farmers' (Empowerment) Commission, Govt. of Meghalaya, Shillong Anurag Industries and Corporation, Bengaluru
10	2024-25	09-09-2024	Machine Tarmarind Deseeder (Model UASB 2021) recommended to commercialize Rs.1,00,000/-+ applicable GST 3% royalty, 5 years, Non-exclusive	Agreed for commercialize to Anurag Industries and Corporation, Bangalore
11	2024-25	09-09-2024	Machine High Capacity Tamarind Dehuller recommended to commercialize Rs.1,00,000/-+applicable GST 3% royalty, 5 years, Non-exclusive	Agreed for commercialize to Anurag Industries and Corporation, Bangalore
12	2024-25	09-09-2024	Machine Multi-crop processing machine recommended to commercialize Rs.1,00,000/-+ applicable GST, 3% royalty, 5 years, Non-exclusive	Agreed for commercialize to Anurag Industries and Corporation, Bangalore

13	2024-25	26-12-2024	Maize hybrid MAH 14-138 recommended to commercialize Rs.5,00,000 + applicable GST	Agreed for commercialize to Yaganti Agrotech Private Limited
14	2024-25	26-12-2024	Field bean HA-5 recommended to commercialize Rs.1,00,000 + applicable GST	Agreed for commercialize to Unisem Agritech Limited Shilpa Hitech Seeds Amar Seeds Pvt. Ltd. Sankalp Purti Agro Farmer Producer Company Limited
15	2024-25	26-12-2024	Food products Energise Pro Fusion Sports Mix recommended to commercialize Rs. 50,000/- + training cost Rs. 5,000/- and applicable GST	Steps will be taken to commercialize.
16	2024-25	26-12-2024	Food products Gluten free roti mix recommended to commercialize Rs. 50,000/- + training cost Rs. 5,000/- and applicable GST	Agreed for commercialize to Narman Food Pvt. Ltd.
17	2025-26	02-06-2025	Sunflower hybrid KBSH-90 recommended to commercialize fRs.12,00,000 + applicable GST +4.5% Royalty	UASB agreed to sales / commercialize to Shri Malatesh Krushi Kendra
18	2025-26	02-06-2025	Maize hybrid MAH 15-84 recommended to commercialize Rs.5,00,000 + applicable GST	Agreed for commercialize to Monsoon Crop Science Kisan Agro Tech Advanta Enterprises Limited Bharathi Seeds from Yaganti Agrotech Private Limited

Dates of TCC meeting held during the last five

Sl. No.	Meeting date
1	26-04-2021
2	27-06-2022
3	25-10-2022
4	12-05-2023
5	30-05-2024
6	29-07-2024
7	09-09-2024
8	26-12-2024
9	02-06-2025

Institute Biosafety Committee (IBSC)

IBSC committee covers the area of research on large-scale handling of hazardous microorganisms, GE organisms or cells and products thereof. This committee serves as a bridge between the institution and national regulatory bodies like the Review Committee on Genetic Manipulation (RCGM). Committee ensures that research is conducted in compliance with the Rules, 1989 of the Environment (Protection) Act.

Dates of IBSC meeting held during the last five years

Sl. No	Meeting Date
1	23-07-2021
2	23rd February 202223-02-2022
3	07th February 20237-02-2023
4	01st April 20241-04-2024
5	30th May 202430-05-2024

Meeting Details of IBSC of UAS Bangalore, during 2021 to 2024

Sl. No.	Year	Date of IBSC meetings	Major Recommendations	Actions Taken up
1	2021	23-07-2021	Dr. Nataraj Karaba, Professor, Department of Crop Physiology has presented the brief summary and highlights of the r-DNA projects operated by the Department of Crop Physiology by various scientists.	IBSC Committee had approved the same.
2	2021	23-07-2021	Dr. Anitha Peter, Professor, Department of Biotechnology presented the brief summary and highlights of the r-DNA projects operated by the Department of Plant Biotechnology by various scientists.	IBSC Committee has approved the same
3	2021	23-07-2021	Proposal to grant permission for conducting transgenic work for Ph.D. research at the Institutional level.	IBSC Committee has approved the research project.
4	2021	23-07-2021	Proposal to grant permission for conducting transgenic work for MSc and Ph.D. research at the Institutional level.	IBSC Committee has approved the research project.
5	2021	23-07-2021	Proposal for Research involving T-DNA insertion mutants of *Arabidopsis thaliana*	IBSC committee reviewed the details and approved the same.
6	2021	23-07-2021	Proposal to grant permission for conducting transgenic work for DSR-SERB-EEQ, GoI project research at the Institutional level.	IBSC committee reviewed the details and approved the same.

7	2021	23-07-2021	Proposal to carry out "Monocot seedling transient expression system at the Department of Crop Physiology, GKVK, and import necessary plasmid constructs.	IBSC committee reviewed the details and approved the same.
8	2021	23-07-2021	Proposal for approval of transporting the transgenic plants of mulberry expressing *AtSHN1* gene the Department of Crop Physiology, GKVK to CSRTI, Mysore. Proposal presented by Dr. Nataraj Karaba, Professor	IBSC committee reviewed the details of the applications and approved the same.
9	2022	23-02-2022	Dr. Anitha. Peter, Professor, Department of Plant Biotechnology presented the following proposals for approval Transformation of *Nicotiana benthamiana* with Helper component protein (Hc – Pro) gene of papaya Ringspot virus (PRSV) for approval.	IBSC committee reviewed the details of the applications and approved the same.
10	2022	23-02-2022	Transformation of cucumber *Cucumis sativus* L with Nuclear inclusion A protein (NIa) gene of papaya ringspot virus (PRSV)	IBSC committee reviewed the details of the applications and approved the same.
11	2022	23-02-2022	Transformation of cucumber (Cucumis sativus L) with papaya ring spot virus (PRSV) coat protein (CP) gene	IBSC committee reviewed the details of the applications and approved the same.
12	2022	23-02-2022	Cloning and expression of lipocalin-like gene from wild species of tomato resistant to tomato yellow leaf curl virus (TYLCV) in *Solanum lycopersicum*	IBSC committee reviewed the details of the applications and approved the same.
13	2022	23-02-2022	Genetic diversity and characterization of Phytoplasma infecting arecanut (*Areca catechu* L.) and standardization of enzyme linked immunosorbent assay (ELISA) for its detection	IBSC committee reviewed the details of the applications and approved the same.
14	2022	23-02-2022	*In planta* transformation of cucumber (*Cucumis sativus*) with GFP	IBSC committee reviewed the details of the applications and approved the same.
15	2022	23-02-2022	Dr. Nagesha, N, Assistant Professor, presented the proposal on "Development of transgenic ridge gourd *(Luffa acutangula)* against	IBSC committee reviewed the details of the applications and approved the same.

			Tomato Leaf Curl New Delhi Virus (Geminiviridae: Begomovirus)" for approval.	
16	2023	07/02/2023	The chairman requested the PIs to preserve the outcome of the projects safely so that students make use of the bio-resources for their future research. To carry out research in the University, it is important to have well equipped and maintained laboratory facilities in the university. An incinerator has been installed the directorate for proper disposal of GMOS and all material pertaining to cloning and transformation experiments.	The IBSC reiterated on the importance that all PIs should carry out research as per IBSC guidelines for hazardous microorganisms (HZOs), genetically modified organisms (GMOs) and cells and tissues involving HZOs and GMOs.
17	2023	07/02/2023	The transgenic material/any other biological material/gene constructs generated in the projects need continuation even if the projects are closed.	Scientists working in the university on transformation have been enlightened about this.
18	2023	07/02/2023	The biosafety officer suggested that for all BSL-2 organisms, RCGM guidelines have to be followed by the concerned PIs without any spillage of organisms to the environment.	A circular (No. DR/ IBSC/23-24, dt. 4th Oct 23) has been sent to the HoDs of different departments, educating them about the BSL3 risk level and the guidelines for conducting research on HZOs, GMOs and cells and tissues involving these. The HoDs were requested to circulate the shared PDF of the official memorandum of DBT, GoI (File No. PID-15011/1/2020-PPB-DBT Dt. 09-12-2021) concerning biosafety risk group levels with the faculty of the respective departments
19	2023	07/02/2023	DBT Nominee suggested that Biodiversity Board permission is required only when the product is used for commercialization.,	The point was noted and a circular (No. DR/ IBSC/23-24, dt. 4th Oct 23) pertaining to this suggestion has been forwarded to HoDs of different departments to be circulated among the faculty.

20	2023	07/02/2023	Members suggested that BSL-3 lab facilities are required to carry out the research in the university as per RCGM guidelines. The transfer of transgenic materials should be followed as per RCGM guidelines. The bio-resources have to be maintained in the bio-resource bank of the University, so that it can be used for the future.	Attempts will be made to establish the BSL 3 lab and green house.
21	2024	01.04.2024	Presentation on the ongoing projects by Dr. Anitha. Peter. Professor, Dept. of Plant Biotechnology, UAS, GKVK, Bangalore.	Dr. Anitha. Peter. Professor, Dept. of Plant Biotechnology presented and updated the brief summary and highlights of the r-DNA projects operated in the Dept. of Plant Biotechnology. She presented the highlights of the projects approved by RCGM in the 23rd IBSC meeting.
22	2024	01.04.2024	Presentation on the ongoing projects by Dr. Nataraja Karaba, Professor, Dept. of Crop Physiology, UAS, GKVK, Bangalore.	Dr. Nataraja Karaba, Professor, Dept. of Crop Physiology presented the brief summary and highlights of the r-DNA projects operated by the Dept. of Crop Physiology by various scientists. He requested to terminate some of the projects. The list of the projects for termination is enclosed.
23	2024	01.04.2024	Dr. Nagesha N, Associate Professor, Department of Plant Biotechnology, UAS, GKVK, Bangalore-65 presented new proposals on SDN1 genome editing research proposal of M.Sc. student research proposal on "CRISPR/Cas9-mediated editing of MaAC01 gene (SDN1) in banana for delayed ripening" for IBSC approval. The IBSC reviewed the details of the application suggested to include vector MTA details in the application and approved the same. He presented one new proposal for RCGM permission for the following.	The IBSC reviewed the details of the application and approved the same.

			Efficient and stable transformation of orchid *Phalaenopsis* species with reporter gene The Ph.D. Student Research Proposal approved in 22nd IBSC meeting- yet to be receive approval from RCGM. Proposal title: Development of transgenic ridge gourd (*Luffa acutangula*) against Tomato Leaf Curl New Delhi Virus (Geminiviridae: Begomovirus).	
24	2024	01.04.2024	Dr. Ningaraju T M, Assistant Professor, Department of Plant Biotechnology, CoA, GKVK, UAS, Bangalore-65 presented on the new proposals entitled "Bioengineering of yeast (*Saccharomyces cerevisiae*) genome for high squalene output and its production by utilizing sugarcane bagasse".	The IBSC reviewed the details of the application suggested to include vector MTA details in the application and approved the same.
25	2024	01.04.2024	Dr. Krishnaprasad B.T., Professor & Head, Department of Agricultural Biotechnology, College of Agriculture, UASB, Hassan-573225 presented new proposal entitled "Evaluation of rice bean accessions for MYMV resistance and susceptibility through agroinfection"	The IBSC reviewed the details of the application on and approved the same.
26	2024	01.04.2024	Dr. Mahesha, H.B., Assistant Professor, Department of Genetics and Plant Breeding, UAS, GKVK, Bangalore-65 proposed two new proposals on CRISPR/Cas9 gene editing for neck blast resistance in Rice".	The IBSC reviewed the details of the application suggested to include vector MTA details in the application and approved the same.
27	2024	01.04.2024	Remarks and suggestions of the Chairman, IBSC, UASB, Bangalore.	The chairman requested the PIs to carefully follow all the guidelines of IBSC and preserve the outcome of the projects safely so that students make use of the bio-resources for their future research. It is important to have well equipped and maintained laboratory facilities in the university.

				Financial support to maintain incinerator to be used for disposal of genetically modified materials and organisms used was agreed upon.
28	2024	01.04.2024	Remarks and suggestions of the Member Secretary, IBSC, UASB, Bangalore.	The transgenic material/any other biological material/gene constructs generated in the projects need continuation even if the projects are closed.
29	2024	01.04.2024	Remarks and suggestions of the Biosafety officer, IBSC, UASB, Bangalore.	The Biosafety officer suggested that for all BSL-2 organisms, RCGM guidelines have to be followed by the concerned PIs without any spillage of organisms to the environment.
30	2024	01.04.2024	Remarks and Suggestions of the DBT Nominee.	DBT Nominee suggested that Biodiversity Board permission is required only when the product is used for commercialization. He suggested all the PI's to dispose the ethidium bromide gels, genetically modified materials and organisms properly in the incinerator installed at Department of plant Biotechnology, UAS, GKVK, Bangalore.
31	2024	01.04.2024	Remarks and suggestions of the members.	Members suggested that BSL-3 lab facilities are required to carry out the Research in the university as per RCGM guidelines. The transfer of transgenic materials should be followed as per RCGM guidelines. The bio-resources have to be maintained in the bio-resource bank of the University, so that it can be used for the future.

32	2024	30.05.2024	Presentation on the ongoing projects by Dr. Anitha. Peter. Professor, Dept. of Plant Biotechnology, UAS, GKVK, Bangalore.	Dr. Anitha. Peter. Professor, Dept. of Plant Biotechnology presented and updated the brief summary and highlights of the r-DNA projects operated in the Dept. of Plant Biotechnology. She presented the highlights of the projects approved by RCGM in the 23rd IBSC meeting.
33	2024	30.05.2024	Presentation on the ongoing projects by Dr. Nataraja Karaba, Professor, Dept. of Crop Physiology, UAS, GKVK, Bangalore.	Dr. Nataraja Karaba, Professor, Dept. of Crop Physiology presented the brief summary and highlights of the r-DNA projects operated by the Dept. of Crop Physiology by various scientists. He requested to terminate some of the projects. The list of the projects for termination is enclosed.
34	2024	30.05.2024	Dr. Nataraja Karaba Professor & Head, Dept. of Crop Physiology presented the brief summary and highlights of the r-DNA projects operated by the Dept. of Crop Physiology team. He requested to terminate some of the projects. The new proposal presented on "CRISPR-Cas9 mediated editing of Rab11 and HP1 (SDN1)". The IBSC reviewed the details of the application and approved the same.	
35	2024	30.05.2024	Dr. C. N. Lakshminarayana Reddy, Associate Professor, proposed Project Title: "Establishment of High Throughput Testing Laboratory for Plant Viruses, Phytoplasma and Viroids".	The committee suggested the PI to submit the list of viruses to be used for testing in the laboratory along with application and suggested to test only BSL-1 and BSL-2 group organisms in the laboratory. Upon submission of information IBSC committee will approve the proposal.

36	2024	30.05.2024	Dr. Nagesha N, Associate Professor, Department of Plant Biotechnology, UAS, GKVK, Bangalore-65 presented new proposals on SDN1 genome editing research proposal of Ph.D. research on "CRISPR/Cas9 mediated genome editing for shelf-life and lycopene (SDN1) improvement in tomato (*Solanum lycopersicum* L.)" for IBSC approval. The IBSC reviewed the details of the application suggested to include vector MTA details in the application and approved the same. He presented two new proposals for RCGM permission for the following. "Cloning and transformation of tobacco with virus derived gene of Tomato leaf curl virus" (BSL-2 category)	The IBSC reviewed the details of the application and approved the same.
37	2024	30.05.2024	Dr. Ningaraju T M, Assistant Professor, Department of Plant Biotechnology, CoA, GKVK, UAS, Bangalore-65 presented on the new proposals entitled "Expression of lipase gene of *Staphylococcus warneri* in *E. coli* (BL21) to produce biodiesel from used cooked oil."	The IBSC reviewed the details of the application suggested to include vector MTA details in the application and approved the same.
38	2024	30.05.2024	Dr. Avishek Dey, Head of R&D Gene2Go Pvt Ltd, Bio-NEST Agri Innovation Center, UAS, GKVK Campus, Bangalore presented four proposals on SDN1 genome editing research proposals for IBSC permission on the following, Molecular breeding for enhanced agronomic traits in aromatic scented rice of North East India. Genome editing for altered lignin profile in pearl millet: A better alternative for improved bioethanol production. Unlocking potential: Cassava genome editing for high amylose starch production. CRISPR-based genome editing for multi-trait improvement in tomato.	The IBSC reviewed the details of the application suggested to include vector MTA details in the application and approved the same.

39	2024	30.05.2024	Dr. Tamilvendan, K., Professor, Department of Agricultural Microbiology, UAS, GKVK, Bengaluru presented the Ph.D. student Mr. Hadil Mon research work entitled "Exploration of Quorum Quenching *Lactobacillus* sp. for controlling biofilm forming bacteria causing spoilage of dairy products"	Chief Medical Officer, UASB suggested to take necessary action while using biofilm forming bacteria *Pseudomonas aeruginosa* as it is human pathogen and belongs BSL-2 group organism. IBSC committee suggested in re-reviewing the proposal before approving the same.
40	2024	30.05.2024	Dr. Geetha Govind, Assistant Professor (Crop Physiology), Department of Agricultural Biotechnology, College of Agriculture, UASB, Hassan-573225 presented new proposal entitled "CRISPR-mediated genome editing in potato for earliness in tuberization, stress resilience and enhanced tuber yield" involving the Development of thermo-tolerant potato by stabilising *StSP6A* via targeted mutagenesis of repressors *StSP5G* and *StSES*.	The IBSC reviewed the details of the application and suggested to include vector MTA details in the application and approved the same.
41	2024	30.05.2024	Dr. Krishnaprasad B.T., Professor & Head, Department of Agricultural Biotechnology, College of Agriculture, UASB, Hassan-573225 presented new proposal entitled entitled "*Developing haploid* inducer line in cucumber by mutating csDMP gene through CRISPR technology" through genome editing approach.	The IBSC reviewed the details of the application and suggested to include vector MTA details in the application and approved the same.
42	2024	30.05.2024	Dr. Bhavani, P., Assistant Professor, Department of Plant Biotechnology, UAS, GKVK, Bangalore-65 proposed new proposal entitled "Creation of CRISPR-Cas 9 gene constructs for editing identified genes (qSH1 and SH4) controlling grain shattering.	As the application lacks information regarding the vectors to be used, organisms to be used for cloning etc. IBSC suggested PI to submit required information before taking approval for the same from the IBSC committee.

43	2024	30.05.2024	Dr. Mahesha, H.B., Assistant Professor, Department of Genetics and Plant Breeding, UAS, GKVK, Bangalore-65 proposed one new proposal on Development of low GI rice cultivars through CRISPR-Cas9"	The IBSC reviewed the details of the application suggested to include vector MTA details in the application and approved the same

State level Committee on GM Crops: A University-level Committee on Genetically Modified (GM) crops is in place to review and regulate matters related to GM research, including compliance with biosafety and regulatory guidelines. The committee is responsible for evaluating proposals and facilitating the process of obtaining necessary approvals, such as the No Objection Certificate (NOC) from the Government of Karnataka (GoK) for conducting Confined Field Trials (CFTs).

However, it is pertinent to note that no proposals have been submitted by faculty or researchers seeking NOC to conduct Confined Field Trials (CFTs) on GM crops during the past five years.

6.6.3.7 Central Instrumentation Unit

Is there a Central Instrumentation Unit in place: Yes

The University has a Central Instrumentation Facility (CIF), managed by the Department of Crop Physiology at the GKVK Campus, which provides state-of-the-art research infrastructure under one roof.

The CIF was formally inaugurated by Dr. Trilochan Mohapatra, Hon'ble Secretary, Department of Agricultural Research and Education (DARE) and Director General, ICAR, New Delhi. The initiative was envisioned to support Human Resource Development (HRD) and promote cutting-edge agricultural research through access to high-end scientific instrumentation.

The Central Instrumentation Facility houses major advanced analytical and imaging equipment and the facility plays a crucial role in supporting students, research scholars, and faculty members by enabling high-quality experimental work, advanced characterization, and interdisciplinary research. Hands-on access to sophisticated instruments enhances student training, skill development, and research exposure, while faculty and researchers benefit from reliable, high-end analytical support for funded and collaborative projects. The facility processes many samples every year, catering not only to internal users but also to researchers from neighboring institutes and universities across the southern states of India. The facility thus significantly contributes to academic excellence, innovation, and the advancement of scientific research. Details of the CIFs are indicated below.

Details of Central Instrumentation Facility

Sl. No.	Facilities Available	Number
1	Scanning Electron Microscope (Zeiss EVO 18)	1
2	Critical Point Drier (Quorum K850)	1
3	Sputter coater (Quorum SC7620)	1
4	Laser Scanning Confocal Microscope (Leica SP8)	1
5	UPLC-GC/MSMS (Waters/Agilent GC)	1
6	Rotary Microtome (Lawrence and Mayo)	1
7	Minor equipment – Precision balances, micropipettes, cold storage units, N2 generator-Peak Scientific, dehumidifier)	1

6.6.3.8 Global Support

List of International MoUs/Agreements for global support

No.	MoU / Agreements	Institutions	Type of Collaboration
1	MOU (Date of Signing 14/05/2021)	Deutsche Forschungsgemeinschaft (DFG), Germany.	Faculty and Students exchange programme involves partnerships with the University of Kassel and George-August University in Göttingen, tackling the impact of urbanization on ecosystems.
2	MOU (Date of Signing 10/03/2020)	Zurich University of Applied Sciences (ZHAW), Switzerland	Addendum-1 partnership agreement on virtual summer school-Tackling climate change through global learning.
3	MOU (Date of Signing 12/05/2021)	M/s TruCapsol LLC, Bethlehem, Philadelphia, USA	Actively engaged in researching the biochemical composition of seed coats to develop biodegradable, eco-friendly encapsulation membranes.
4	MOU (Date of Signing 08/07/2021)	International Rice Research Institute Los Banos, Laguna, Philippines	Scientific and technical collaboration on /rice research
5	MOU (Date of Signing 14/02/2022)	CIMMYT-International maize and wheat improvement centre, Mexico	Mutual and cooperation between the scientists to carry out the research activities. Faculty and students exchange for training and capacity building programmes
6	MOU (Date of Signing 18/10/2022)	Dalhousie University, Canada	To facilitate the faculty and student exchange, collaborative research of mutual interest and to offer Dual/Joint graduate degree programmes.
7	MOU (Date of Signing 07/10/2022)	Western Sydney University, Australia	For dual degree programme and joint research and academic programmes
8	MOA (Date of signing 11/01/2023)	University of Greenwich, UK	Project partnership Agreement - Seed transmission of begomo viruses in cucurbits
9	MOU (Date of signing 20/05/2023)	University Saskatchewan, Saskatoon, Canada	Exchange and internships for students, faculty and staff, introduction of new curricula, joint research projects, exchange of publications and training materials and development of joint academic programming

10	MOU (Date of signing 07/02/2023)	Wageningen University and Research (WUR), Netherlands	Consortia Agreement – Adoptive rice cultivation for a changing climate
11	MOU (Date of signing 26/02/2024)	Louisana State University, Agricultural Centre, USA	Collaboration for mutual exchange of students, faculty and research – organizing the joint research projects, academic seminars and exchange of scholarly materials, reports and related activities.
12	MOU (Date of signing 20/03/2024)	University of Kessel, Germany	ERASMUS programme for students and faculty exchange in economics, ABM and extensions
13	Contract Agreement (Date of signing 28/09/2024)	State of North Carolina University, USA	Payment of compensation/fund on performance of services related to assessing the efficacy of biological control agents in IPM of Fall armyworm across diverse agricultural setting in India
14	Contract Agreement (Date of signing 21/04/2025)	Department of Foreign Affairs and Trade and The Australian Council General, Government of Australia	Faculty development programmes to emerging leaders and professionals from developing countries, aiming to fill workforce gaps and strengthen bilateral relations.

Key Outcomes of Collaborations

1. The Indo-German collaborative project on the rural–urban interface of Bangalore contributed significantly to sustainable peri-urban agriculture by developing integrated solutions such as improved soil and water management, nutrient recycling through waste reuse, pollution monitoring frameworks, and biodiversity conservation measures including pollinator habitat enhancement. The project strengthened scientific capacity through 6+ scientific and outreach events and generated evidence-based policy recommendations to support sustainable urban agriculture and resilient agroecosystems. Across all clusters, a total funding of ₹896.93 lakh facilitated the procurement of 15 equipment units and training of 89 personnel. Overall, the initiatives produced 96 publications (Research papers, conference/seminar presentations, and books/chapters), demonstrating strong research output, capacity building, and impact on sustainable resource management in rapidly urbanizing regions. Importantly, the project generated evidence-based policy recommendations to support sustainable urban agriculture, ultimately contributing to the development of resilient, resource-efficient, and environmentally sustainable agroecosystems suitable for rapidly urbanizing regions.
2. The collaboration with M/s TruCapsol LLC, Bethlehem, Philadelphia, USA led to significant advancements in understanding the biochemical composition of seed coats for developing biodegradable encapsulation membranes. The study revealed that coloured seed coat genotypes in maize and soybean exhibit superior ageing tolerance due to higher levels of phenols, tannins, and antioxidant enzymes compared to colourless genotypes. It also identified inter-crop differences, with maize showing higher concentrations of these compounds than soybean, and highlighted structural and biochemical variations between soybean genotypes (Bhatt vs. JS-335). The

collaboration resulted in 5 research publications, 1 International conference paper, 2 popular articles, and 1 book chapter contributing substantially to knowledge generation in seed biology, stress physiology and sustainable agricultural technologies.

3. The collaboration with the International Rice Research Institute strengthened rice research and capacity building at the University of Agricultural Sciences, Bangalore. It enabled access to a subset of the 3K rice genotype panel, which was screened for major biotic stresses and agronomic traits, leading to the identification of four lines resistant to brown planthopper (BPH) and five lines resistant to rice blast disease, along with haplotypes associated with weed competitiveness. The partnership also provided advanced, skill-oriented training for Dr. Marappa and facilitated technical support for establishing a Centre of Excellence in Rice Breeding, with financial support from the Government of Karnataka, thereby enhancing institutional capability and advancing the development of resilient rice varieties for sustainable production.
4. The collaboration between the University of Agricultural Sciences, Bangalore and Western Sydney University under the Australia India Water Centre has led to significant academic achievements, including the award of a dual PhD in Entomology to Dr. Sanjay Pradhan, establishing a benchmark in international research training and collaboration. The program continues to build capacity with two additional scholars currently enrolled in the dual doctoral program. Furthermore, the collaboration has facilitated advanced research progression, with Dr. Pradhan pursuing postdoctoral research internationally, strengthening global research linkages and enhancing expertise in the field.
5. A Project Partnership Agreement was established on 3rd May 2023 between the University of Greenwich (Natural Resources Institute, Kent) and the University of Agricultural Sciences, Bangalore to investigate the "Seed transmission of begomoviruses in cucurbits," with a project duration from May 2023 to April 2025 and a total funding of £8,000. The study aimed to examine the transmission potential of the Tomato leaf curl New Delhi virus in major cucurbit crops cultivated in South India. The results demonstrated that although the virus was detectable in seeds of bitter gourd, ridge gourd, and pumpkin specifically in certain seed tissues it was not transmitted through seeds under experimental conditions, which contrasts with findings reported for other viral isolates. The project facilitated scientific dissemination through two national conference presentations and one research manuscript and also supported student exchange activities. These findings contribute significantly to the understanding of virus epidemiology and provide a scientific basis for improving disease management strategies in cucurbit production systems.
6. The collaboration between the University of Agricultural Sciences, Bangalore and the University of Saskatchewan established a long-term academic and research partnership focused on developing sustainable bioenergy technologies and biogas-based rural energy solutions to support climate resilience, circular economy, and farmer livelihoods in India and Canada. The initiative promotes decentralized bioenergy systems for rural communities and includes the establishment of pilot and demonstration plants for on-farm power generation. It also strengthens academic exchange and capacity building through faculty training and student internships. The collaboration was further reinforced by the visit of an engineering delegation led by Dean Dr. Bradley, along with representatives from the Office of the Vice President (Research) and International Research Office, to the College of Agricultural Engineering and Centre of Excellence at UAS, Bengaluru on March 21, 2025. In parallel, the collaboration between Agriculture and Agri-Food Canada and UASB achieved a major scientific milestone with the development of a comprehensive gene expression atlas of little millet (genotype JK-8), covering ten tissues across different developmental stages and made accessible through an eFP browser for interactive visualization. This resource provides critical insights into gene function and regulation, supporting crop improvement and functional genomics research. The collaboration also resulted in two high-impact joint publications in *Nature*

Communications (NAAS 20.00) and *The Plant Journal* (NAAS 12.00), highlighting its strong contribution to global scientific advancement.

7. The collaboration between the University of Agricultural Sciences, Bangalore and the Louisiana State University Agricultural Center, USA created new international training opportunities through the Hands-On Training (HoT) initiative. For the first time, three UASB students successfully completed three-month research internships at LSU, gaining valuable global exposure and practical research experience. The programme continued to expand, with two additional students selected in 2026, reflecting sustained collaboration, enhanced skill development, and strengthening of international research and academic linkages.
8. The collaboration under the ERASMUS+ Mobility Programme between the University of Agricultural Sciences, Bangalore and the University of Kassel has significantly enhanced international academic mobility and research capacity. A total of six master's students from diverse disciplines successfully completed their Winter Semester 2024 coursework at the University of Kassel, with one student securing a Research Associate position in organic farming focusing on seed-borne diseases. Additionally, two doctoral candidates and one master's student were selected for advanced research training under the Summer 2025 Mobility Program, with one doctoral scholar progressing to a postdoctoral position within the Indo-German project. The programme has continued to expand, with one PhD student selected in 2025 and two more students selected in 2026, reflecting sustained academic exchange, skill development, and strengthening of international research collaborations.
9. The collaboration with North Carolina State University led to the establishment of a Postdoctoral Fellowship Program in the Departments of Entomology and Plant Pathology at UASB, initiated in 2024. This program, supported by NCSU, aims to promote advanced research, strengthen academic exchange, and foster long-term collaboration, thereby enhancing scientific innovation and capacity building between the two institutions.
10. The Australian Consulate General strengthened institutional collaboration with the University of Agricultural Sciences, Bangalore and enhanced engagement with the Australian government. As part of this initiative, a research project was funded at UASB, along with support for a specialized short course on Agriculture and Food Security for Dr. Rajendra Prasad B S. This collaboration facilitated the exchange of research ideas, capacity building, and the implementation of innovative approaches, thereby reinforcing international academic and research partnerships.

6.6.3.2 Glimpses of Awards recived by AICRP Centres during assessment period



Best Presenting Centre Award 2024- AICRP on Honey Bees and pollinators



Best AICRP (Oilseeds) centre (2017-21) – AICRP on Sunflower



Best centre award 2023 - AICRP on Weed Management



Best Performing Centre Award (2021-2025) - AICRPDA, Bangalore



Best Performing Centre Award (2024-2025) - AICRP on Agrometeorology



Seed Business Award - 2025 - AICRP on Seed (Crops)



Best Centre Award (2024-2025) – ICAR-AICRP on PHET



Best Performing Centre Award (2024-2025) – AINP on Agricultural Acarology



Jaivik India Awards-2025 – Centre of Excellence on Nutri-cereals



Outstanding Interdisciplinary Team: Dr. Gajjala Ravindra Chary Award 2024 - AICRP on Dryland Agriculture



Best Centre Award for the year 2023-24– AICRP on Seed (Crops)



Best Research Centre 2025 – AICRP on Honey Bees and Pollinators



Dr. M. H. Manjunatha (Best Oral Presentation)



Certificate of Appreciation-Volunteer 2025-26– AINP on Soil Arthropod pests



Dr. H.S. Shivaramu received ISA Gold Medal Award by Indian Society of Agronomy



Dr. Devaraja K (Eminent Engineer Award) by The Institution of Engineers (India), Karnataka State centre

6.6.3.3 Glimpses of Technology Developed and its Adoption



Paddy: KMP-225



Paddy: RNR-15048



Paddy: KMP-220



Paddy: MSN-99



Maize: MAH-15-84



Maize: MAH-14-138



Grain Sorghum: CNGS-1



Grain Amaranth: KBGA-15



Finger millet: ML-322



Finger millet: KMR-316



Proso millet: GPUP-28



Proso millet: GPUP-32



Little Millet: GPUL-11



Little Millet: GPUL-6



Foxtail Millet: GPUF-3



Browntop Millet: GPUBT-2



Cowpea: KBC-12



Dolichos Bean: HA-5



Niger: KBN-2



Sesame: GKVKS-1



Sunflower: KBSH-85



Sunflower: KBSH-90



Sunflower: KBSH-88



Castor: BCH-162



Sugarcane: COVC-18061



Fodder Oats: RO-11-1



Bajra Napier: PBN-342



Fodder Sorghum: CNFS-1



Turmeric: IISR Pratibha



Black Turmeric: CHNBT-1



Jackfruit: Byrachandra



Jackfruit: GKVK Red Jack

6.6.3.8 Glimpses of Global Support



Hon'ble Agriculture Minister, GoK visited IRRI campus to strengthen the Centre of Excellence in Rice Breeding setup at Mandya Campus



Dr. Sanjay Pradhan awarded PhD degree from Western Sydney University under dual degree collaboration programme



Mr. Kotresh undergoing PhD research at Western Sydney University under dual degree programme



Dr. Rajendra Prasad B S visited Australia with support for a specialized short course on Agriculture and Food Security



UAS (B) Masters students in collaboration with Univ. of Kassel, Germany under ERASMUS+ Mobility Programme



Sakshi Jha with Dr. Chien-Yu Huang



Dr. Raj Singh with Chandana Manjunath





Dr. Abdulkadir Dalha Isa, Shubham Jaiswal with Dr. Sara Thomas-Sharma.
Three UAS (B) undergraduate students conducted a 3-month internship (April-June) in PPCP at Louisiana State University Agricultural Center, USA

6.6.4. Extension Support

In agriculture-dependent economies, extension outreach programmes have been the main conduit for disseminating information on farm technologies, support rural youth learning and assist farmers in developing their farming technical and managerial skills. Extension programmes will help to increase farm productivity, farm revenue, reduce poverty, improve socio-economic status and minimize food insecurity. Agricultural extension is the application of scientific research and new knowledge to agricultural practices through farmers education. The field of 'extension' now encompasses a wider range of communication and learning activities organized for rural people by extension personnel from different disciplines of the University of Agricultural Sciences, Bangalore. Many extension activities were adopted in order to support and implement the scientific outcome.

6.6.4.1. Extension Council

Brief details about Extension Education Council

As per the Act 18 (Karnataka Act No.10 of 2010) of University of Agricultural Sciences, Bangalore, the Extension Education Council is the advisory body to support all policy matters and this council meets once in a year to consider and make recommendations in respect of the following

i) The extension education programmes and projects of the University.

ii) Co-ordination of Extension Education activities for improvement of agriculture and allied branches and for the development of Rural Communities.

iii) Development of farmers education, training and advisory services.

iv) Identification and resolution of field problems and transmission of information.

v) Methodology of extension education.

vi) Evaluation of the Krishi Vigyan Kendra functions.

vii) Any other matter referred to it by the Vice-Chancellor, Board or any other authority of the University.

Present Composition of Extension Education Council

Sl. No.	Name / Designation	Chairman / Member/ Convener
1.	The Vice-Chancellor, UAS, GKVK, Bangalore	Chairman
2.	The Director of Education, UAS, GKVK, Bangalore	Member
3.	The Director of Research, UAS, GKVK, Bangalore	Member
4.	The Registrar, UAS, GKVK, Bangalore	Member
5.	The Dean (Post Graduate Studies), UAS, Bangalore	Member
6.	The Dean (Agri.), College of Agriculture, GKVK, Bangalore	Member
7.	The Dean (Agri.), Sericulture College, Chinthamani	Member
8.	The Dean (Students Welfare), UAS, GKVK, Bangalore	Member
9.	The Director, Dept. of Agriculture, GoK	Member
10.	The Director, Dept. of Agricultural Marketing, GoK	Member
11.	The Director, Dept. of Horticulture, GoK	Member

12.	The Director of Sericulture, Department of Sericulture, GoK	Member
13.	The Director, Dept. of Women & Child Welfare, GoK	Member
14.	The Director, Watershed Development, GoK	Member
15.	The Chief Conservator of Forest, Social Forestry, GoK	Member
16.	The Assoc. Director of Research (Hq.), Bangalore	Member
17.	The Assoc. Director of Extension (Hq.), Bangalore	Member
18.	The University Head, Department of Agronomy, UAS(B)	Member
19.	The University Head, Department of Agricultural Engineering, UAS(B)	Member
20.	The University Head, Department of Soil Science & Agricultural Chemistry, UAS(B)	Member
21.	The University Head, Department of Agricultural Extension, UAS(B)	Member
22.	The University Head, Department of Agricultural Marketing & Cooperation, UAS(B)	Member
23.	The University Head, Department of Agricultural Microbiology, UAS(B)	Member
24.	The University Head, Department of Seed Science & Technology, UAS(B)	Member
25.	The University Head, Department of Genetics and Plant Breeding, UAS(B)	Member
26.	The University Head, Department of Crop Physiology, UAS(B)	Member
27.	The University Head, Department of Plant Pathology, UAS(B)	Member
28.	The University Head, Department of Agricultural Entomology, UAS(B)	Member
29.	The University Head, Department of Horticulture, UAS(B)	Member
30.	The University Head, Department of Sericulture, UAS(B)	Member
31.	The University Head, Department of Food Science & Nutrition, UAS(B)	Member
32.	The University Head, Department of Agricultural Economics, UAS(B)	Member
33.	The University Head, Department of Plant Biotechnology, Bio-chemistry and Basic Microbiology, UAS(B)	Member
34.	The University Head, Department of Forestry, Environmental Science & Botany, UAS(B)	Member
35.	The University Head, Department of Apiculture, UAS(B)	Member
36.	The University Head, Applied Mathematics, Statistics & Computer Science, UAS(B)	Member
37.	The University Head, Department of Animal Science, UAS(B)	Member
38.	Two Progressive Farmers i. Mr. Channegowda S/o Pollappa, Uganavadi, Kasaba Hobli, Devanahalli Tq., Bengaluru Rural District ii. Mrs. Y.C. Shanthamma, Kaggalahalli Village, Kasaba Hobli, Ramanagara Taluk & District	Member Member
39.	One Extension Educationist Dr. M. Byregowda, Former Director of Extension, UAS(B), No.981, 14th Main Road, Judicial Layout, GKVK Post, Bengaluru-560065	Member
40.	One Agro Industrialist Mr. Harish, Essentialnectar Pvt Ltd., 'Hari Krupa', Auditor Colony, Udayagiri Extension, Hassan-573201	Member
41.	Five Organizations nominated by Chairman, Department of Rural Development	Member

	and Panchayat Raj, GoK	
42.	National Seeds Corporation, Hebbal, Bengaluru-560024	Member
43.	Karnataka State Seed Corporation, Hebbal, Bengaluru-560024	Member
44.	Karnataka State Seed Certification Agency	Member
45.	Shri Kshethra Darmasthala Rural Development Project, Dharmashtala, Dakshina Kannada Dist-574216	Member
46.	The Director of Extension, UAS, GKVK, Bangalore	Member Secretary
47.	Training Coordinator & Head, Staff Training Unit, GKVK	Invitee
48.	Chief Instructor & Head, Farmers Training Institute, GKVK	Invitee
49.	Manager & Head, Agril. Tech. Information Centre, GKVK	Invitee
50.	Coordinator & Head, Distance Education Unit, GKVK	Invitee
51.	Coordinator & Head, Institute of Baking Technology & Value Addition, GKVK	Invitee
52.	Senior Information Specialist & Head, Farm Information Unit, GKVK	Invitee
53.	Head, Agricultural Sciences Museum, GKVK	Invitee
54.	Extension Leader & Head, EEU, Kolar	Invitee
55.	Senior Scientist & Head, KVK, Bengaluru Rural	Invitee
56.	Senior Scientist & Head, KVK, Ramanagara	Invitee
57.	Senior Scientist & Head, KVK, Chikkaballapur	Invitee
58.	Senior Scientist & Head, KVK, Tumakuru	Invitee

Details of Extension Council Meetings (year wise)

Sl. No.	Year	Particulars	Date
1.	2021-22	60th Extension Council meeting	25-06-2021
2.	2022-23	61st Extension Council meeting	25-05-2022
3.	2023-24	62nd Extension Council meeting	25-05-2023
4.	2024-25	63rd Extension Council meeting	22-05-2024
5.	2025-26	64th Extension Council meeting	27-05-2025

The year wise major recommendations and action taken report of Extension Council meetings are presented in Annexure-6.6.4.1a and year wise composition of Extension Education Council is given in Annexure-6.6.4.1b.

6.6.4.2. Directorate of Extension Education

Information about the present establishment of the Directorate of extension education with mandates, objectives and functions

The Directorate of Extension is vested with the responsibility to carry out the extension services in 10 southern districts of Karnataka namely Bengaluru Rural, Bengaluru Urban, Chikkaballapur, Kolar, Bengaluru South, Hassan, Tumakuru, Mandya, Mysuru and Chamarajanagara under its jurisdiction. The Directorate has given more emphasis for ICT enabled extension for accelerated agricultural growth,

improved access to information, development of knowledge resource, cost effective extension delivery, mechanism for efficient feedback system, ensure gender equality, empowerment of small and marginal farmers and stake holders. The technology transfer includes rural development, access to biotechnology, environmental awareness, health, employment and government entities.

Mandates

The Extension Education programmes shall ensure technology assessment and refinement and facilitate adoption of technology based on research findings to farmers and others for accelerated agricultural growth. It shall conduct demonstrations and training programmes for the benefit of various stake holders. Extension shall be coordinated with various units of the University and other appropriate agencies of the centre and the state. The University shall be responsible for developing models of agricultural extension in the state.

Objectives

The prime objectives of Directorate of Extension are as follows:

- To provide new, dependable, profitable, socially acceptable, ecologically sustainable and timely information to the clients.
- To provide feedback on adoption of new technologies by the farmers to research system to examine the problems in adoption and modify/re-orient the technologies, if any.
- To device ways and means of improving the quality and effectiveness of extension work.

Functions

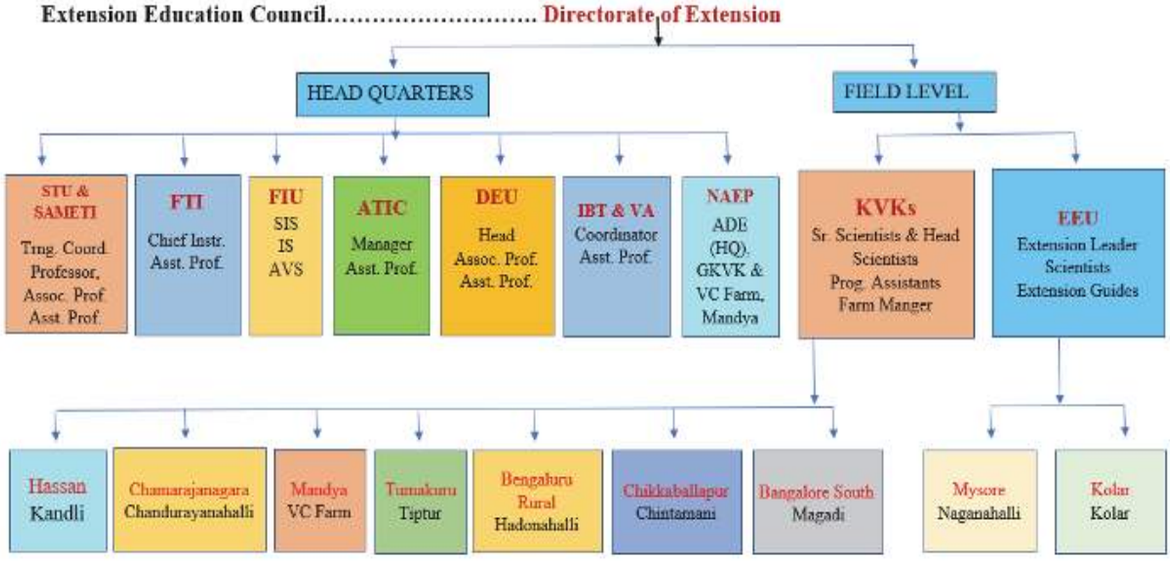
In order to accomplish the above stated objectives, the Directorate of Extension is carrying out the following functions

- Providing advisory services to field extension functionaries and farming community.
- Conducting farm trials on new research findings as well as establish front line demonstrations.
- Organizing training programmes to extension professional as well as farmers on latest farm technologies.
- To stimulate research and impart teaching.

Organisational Structure of the Directorate of Extension:

The flow chart provides the organisational set up of the Directorate of Extension at the University level.

ORGANIZATIONAL STRUCTURE OF THE DIRECTORATE OF EXTENSION



INDEX		
STU-Staff Training Unit	SAMETI- State Agriculture Management Extension Training Institute	IBT&VT- Institute of Baking Technology and Value Addition
FIU -Farm Information Unit	DEU- Distance Education Unit	FTI - Farmers Training Institute
SIS -Senior Information Specialist	ASM- Agriculture Sciences Museum	ATIC - Agricultural Technology Information Centre
IS - Information Specialist	ADE- Associate Director of Extension	NAEP - National Agricultural Extension Project
AVS - Audio-Visual Specialist	TOT- Transfer of Technology	KVK- Krishi Vigyan Kendra



Directorate of Extention, UAS, Bangalore

Brief information about extension units

1. Farmers Training Institute (FTI) at GKVK, Bengaluru.
2. Farm Information Unit (FIU) at GKVK, Bengaluru.
3. Institute of Baking Training and Value Addition (IBT&VA) at GKVK, Bengaluru.
4. Staff Training Unit (STU) at GKVK, Bengaluru.
5. Distance Education Unit (DEU) at GKVK, Bengaluru.
6. National Agricultural Extension Project (NAEP) at GKVK, Bengaluru.
7. Krishi Vigyan Kendras (KVK) at Bengaluru Rural, Chikkaballapura, Bengaluru South and Tumakuru-1.
8. Agricultural Technology Information Centre (ATIC) at GKVK, Bengaluru.
9. State Agriculture Management and Extension Training Institute (SAMETI) at GKVK, Bengaluru.
10. Agricultural Sciences Museum (ASM) at GKVK, Bengaluru.
11. Extension Education Units (EEU) at Kolar (Chinthamani).

1. Farmers' Training Institute (FTI)

The Farmers' Training Institute was established in the year 1966 with the following objectives

- Organizing institutional training programmes for farming community on agriculture and allied subjects.
- To organize off-campus trainings for farmers.
- To organize exposure visits and field level training programmes.
- To organize hands on training to local extension functionaries.
- To organize limited extension work in the villages.



Farmers' Training Institute (FTI)

2. Farm Information Unit (FIU)

The Farm Information Unit (FIU) was established in the year 1966 with the following objectives. The unit undertakes various activities to develop and communicate farm information and its dissemination to farmers as well as field extension workers. The main activities of the Farm Information Unit are:

- To publish the book on package of practices for field crops, folders, books/booklets on improved cultivation practices for the crops of the region.
- To contact and coordination with mass media for publicity.
- To organize the krishimela and to participate in state and national level agriculture exhibitions and krishimelas.
- To arrange publicity activities like press visits, press coverage, press conferences, release information to press and writing special stories and success stories to press.



Farm Information Unit (FIU)

3. Institute of Baking Technology and Value Addition (IBT&VA)

The Bakery Training unit was established in 1968. The BTU was renamed as IBT & VA on 09.09.2023 to impart training in bakery technology to the practicing bakers and those who opt or choose bakery as profession. The main objectives are as follows:

- To impart knowledge on quality baking and bakery.
- To impart professional management skills.
- To impart hands on training in preparation of bakery and value-added products.
- To promote technical personnel in the field of bakery industry.
- To organize bakery technology courses and certificate courses on different duration.
- For continuous research and impart training on value addition.
- For preparation and sale of bakery products.



Institute of Baking Technology and Value Addition (IBT&VA)

4. Staff Training Unit (STU)

The Staff Training Unit was established during 1974 with the responsibility of building professional competence among the staff of various organisations within and outside the State. The objectives of the unit are as follows:

- To organize institutional and field-oriented training programmes for personnel of development departments, quasi government institutions, private organization and newly recruited University employees.
- To coordinate between sponsoring agencies and the University.
- To monitor the effectiveness and redesign the training programmes.



Staff Training Unit (STU)

5. Distance Education Unit (DEU)

The University of Agricultural Sciences, Bengaluru started the correspondence course during the year 1974 on different aspects for educating the literate farmers on principles involved in production technologies, to motivate the participant farmers to apply such knowledge gainfully. Later, the Distance education programmes started to provide educational opportunities to those who cannot afford formal education in the field of agricultural sciences. The objectives of the Unit are as follows

- For development of Human Resource in rural areas for better performance of agriculture and allied activities.
- To encourage distance education in agriculture.
- To have liaison with sponsoring organizations in getting the required support as per the terms of reference and acting accordingly.
- To facilitate in offering non-formal educational courses in the University to different stakeholders.
- Leadership in developing course wise reference material, conducting classes, examinations, evaluation and distribution of certificates.
- To facilitate in enrolment of required number of participants for each course.
- Generating revenue to the University.

The courses offered by the Distance Education Unit are: One year Diploma in Agriculture, One year Post Graduate Diploma in Agriculture, Certificate course on Organic Farming (postal), Seed production technology, Maintenance of Agricultural Equipments, Apiculture and Integrated Farming System.

6. National Agricultural Extension Project (NAEP)

National Agriculture Extension Project (NAEP) was started in the year 1984. Currently, working at Bangalore and Mandya districts with the following objectives

- To conduct district level bi-monthly technical workshops for field functionaries of the development departments.
- To conduct district level diagnostic survey.
- To develop literature on crops and agricultural enterprises suitable for the district.
- To organize farmers interaction sessions.

7. Krishi Vigyan Kendras (KVKs)

Seven KVKs sponsored by ICAR have been established under the jurisdiction of UAS, Bengaluru in the districts of Hassan-1992, Chamarajanagara-2004, Tumakuru-1999, Bengaluru Rural-2006, Chikkaballapura-2006, Mandya-2006 and Bengaluru South-2010. The mandates of KVKs are:

- To conduct on-farm testing to identify the locations specificity of agricultural technologies under various farming systems.
- To organize frontline demonstrations to establish production potential of various crops and enterprises on the farmer's field.

- To organize need-based training for farmers to update their knowledge and skills on modern agricultural technologies related to technology assessment, refinement and demonstration, and training of extension personnel to orient them in the frontier areas of technology development.
- To create awareness about improved agricultural technologies among various clientele through an appropriate extension programme.
- To produce quality seeds, planting materials, livestock breeds, animal products, bio-products etc., as per the demand and supply the same to different clientele.
- To work as resource and knowledge centre of agricultural technology to support the initiatives of public, private and voluntary sectors for improving the agricultural economy of the district.



KVK Hassan



KVK Chamarajanagara



KVK Tumakuru



KVK Bengaluru Rural



KVK Chikkabalapura



KVK Mandya



KVK Bangalore South

8. Agricultural Technology Information Centre (ATIC)

The centre was established in the year 1999 with the following objectives

- To offer single window delivery system for agricultural information and the products at institutional level.
- To render farm advisory services to solve problems through multidisciplinary approach from different Subject Matter Specialists.
- To provide improved agriculture technologies through publications and electronic media to the farmers.
- To establish a mechanism to get the feedback from the users to the University.
- To disseminate technical information through Information and communication tools.



Agricultural Technology Information Centre (ATIC)

9. State Agriculture Management and Extension Training Institute (SAMETI)

SAMETI (South) was established during the year 2005 at the Directorate of Extension, UAS, Bengaluru with the following mandates.

- To organize the HRD activities for the stake holders of Agriculture Technology Management Agency (ATMA) in districts of Southern Karnataka.
- To guide and monitor in the preparation of Strategic Research and Extension Plan (SREP).
- To coordinate in implementation of ATMA programmes.

10.Agricultural Sciences Museum (ASM)

University established a state-of-the-art museum devoted to agricultural sciences at GKVK in 2013 to showcase the agricultural science and technologies. Depict the historical perspectives of agriculture in the state and the country, status of agricultural development, contemporary issues and latest developments in agricultural sciences. The objectives of museum are:

- To display the crops and recent production technologies of the crops.
- To provide the information on pest and diseases of the crops of the region.

- To highlight the dryland technologies and water management practices.
- To provide the research, teaching, extension highlights for the benefit of farmers.

11. Extension Education Units (EEU)

The university conducts extension work in a limited way through the Extension Education Units located at Nagenahalli (1975) and Kolar established during 2015 with the following objectives

- To evaluate the performance of research findings.
- To demonstrate the proven research findings.
- To conduct the training programmes and other extension educational activities with the collaboration of developmental departments, input agencies and NGOs.

Staff Pattern

Extension Faculty Strength – Permanent

Sl. No.	Cadre	Sanctioned faculty (No.)	Faculty in place (Appointed) (No.)	Vacant position (No.)	Vacant position (%)
2021-22					
1.	Officer	1	0	1	100
2.	Professor	2	1	1	50
3.	Associate Professor	14	10	4	29
4.	Assistant Professor	70	42	28	40
2022-23					
1.	Officer	1	0	1	100
2.	Professor	2	1	1	50
3.	Associate Professor	14	10	4	29
4.	Assistant Professor	70	42	28	40
2023-24					
1.	Officer	1	0	1	100
2.	Professor	2	1	1	50
3.	Associate Professor	14	10	4	29
4.	Assistant Professor	70	46	24	34
2024-25					
1.	Officer	1	0	1	100
2.	Professor	2	1	1	50
3.	Associate Professor	12	9	3	25
4.	Assistant Professor	63	42	21	33
2025-26					
1.	Officer	1	0	1	100
2.	Professor	2	1	1	50
3.	Associate Professor	12	9	3	25
4.	Assistant Professor	63	39	24	38

Note: Vacant position (%) has been rounded off to the nearest whole number

Extension Faculty Strength – Contractual

Sl. No.	Cadre	Faculty in place (Contractual) (No.)
2021-22		
1.	Assistant Professor	26
2022-23		
1.	Assistant Professor	24
2023-24		
1.	Assistant Professor	16
2024-25		
1.	Assistant Professor	15
2025-26		
1.	Assistant Professor	17

Position of the Technical and Supporting Staff

Sl. No.	Position	Sanctioned Staff (No.)	Staff in place (Appointed) (No.)	Vacant position (No.)	Vacant position (%)
Technical					
2021-22					
1.	Programme Assistant (Computer)	7	5	2	29
2.	Programme Assistant (Lab)	7	7	0	0
3.	Farm Manager	7	3	4	57
	Total	**21**	**15**	**6**	**29**
2022-23					
1.	Programme Assistant (Computer)	7	6	1	14
2.	Programme Assistant (Lab)	7	4	3	40
3.	Farm Manager	7	6	1	14
	Total	**21**	**16**	**5**	**24**
2023-24					
1.	Programme Assistant (Computer)	7	5	2	29
2.	Programme Assistant (Lab)	7	5	2	29
3.	Farm Manager	7	7	0	0
	Total	**21**	**17**	**4**	**19**
2024-25					
1.	Programme Assistant (Computer)	7	5	2	29
2.	Programme Assistant (Lab)	7	4	3	43
3.	Farm Manager	7	5	2	29
	Total	**21**	**14**	**7**	**33**

2025-26					
1.	Programme Assistant (Computer)	7	4	3	43
2.	Programme Assistant (Lab)	7	5	2	29
3.	Farm Manager	7	5	2	29
	Total	**21**	**14**	**7**	**33**
Supporting staff					
2021-22					
1.	Personal Secretary	1	1	0	0
2	Superintendent	2	1	1	50
3	Senior Assistant	7	2	5	71
4	Assistant	10	3	7	70
5	Field Assistant	1	1	0	0
6	Lab Assistant	2	2	0	0
7	Senior Typist	2	0	2	100
8	Typist	4	0	4	100
9	Stenographer	10	0	10	100
10	Attender	4	3	1	25
11	Driver (LV)	13	9	4	38
12	Driver (HV)	10	3	7	70
13	Messenger	13	2	11	85
14	Asst. Cook-cum-Caretaker	7	4	3	43
15	Artist-cum-Photographer	1	0	1	100
16	D Group Employees	2	0	2	100
17	Production Supervisor	1	0	1	100
18	Salesman	1	0	1	100
19	Mechanic (Bakery)	2	0	2	100
20	Baker	3	0	3	100
21	Driver-cum-Salesman/Tractor Driver	1	1	0	0
22	Bakery Operators	4	3	1	25
23	Bakery helper	8	1	7	88
24	School Helpers	2	0	2	100
25	Cleaner / Loader	2	0	2	100
26	Farm Labourer	2	0	2	100
27	Watchman	1	0	1	100
28	Caretaker	1	1	0	0
29	Junior Engineer	1	0	1	100
	Total	**118**	**38**	**80**	**68**
2022-23					
1.	Personal Secretary	1	1	0	0
2.	Superintendent	2	1	1	50
3.	Senior Assistant	7	2	5	71
4.	Assistant	10	5	5	50
5.	Field Assistant	1	1	0	0

6.	Lab Assistant	2	2	0	0
7.	Senior Typist	2	0	2	100
8.	Typist	4	0	4	100
9.	Stenographer	10	0	10	100
10.	Attender	4	3	1	25
11.	Driver (LV)	13	10	3	23
12.	Driver (HV)	10	4	6	60
13.	Messenger	13	2	11	85
14.	Asst. Cook-cum-Caretaker	7	4	3	43
15.	Artist-cum-Photographer	1	0	1	100
16.	D Group Employees	2	0	2	100
17.	Production Supervisor	1	0	1	100
18.	Salesman	1	0	1	100
19.	Mechanic (Bakery)	2	0	2	100
20.	Baker	3	0	3	100
21.	Driver-cum-Salesman/Tractor Driver	1	1	0	0
22.	Bakery Operators	4	3	1	25
23.	Bakery helper	8	1	7	88
24.	School Helpers	2	0	2	100
25.	Cleaner / Loader	2	0	2	100
26.	Farm Labourer	2	0	2	100
27.	Watchman	1	0	1	100
28.	Caretaker	1	1	0	0
29.	Junior Engineer	1	0	1	100
	Total	**118**	**41**	**77**	**65**
2023-24					
1.	Personal Secretary	1	1	0	0
2.	Superintendent	2	1	1	50
3.	Senior Assistant	7	2	5	71
4.	Assistant	10	3	7	70
5.	Field Assistant	1	1	0	0
6.	Lab Assistant	2	2	0	0
7.	Senior Typist	2	0	2	100
8.	Typist	4	0	4	100
9.	Stenographer	10	0	10	100
10.	Attender	4	3	1	25
11.	Driver (LV)	13	2	11	85
12.	Driver (HV)	10	5	5	50
13.	Messenger	13	2	11	85
14.	Asst. Cook-cum-Caretaker	7	4	3	43
15.	Artist-cum-Photographer	1	0	1	100
16.	D Group Employees	2	0	2	100
17.	Production Supervisor	1	0	1	100

18.	Salesman	1	0	1	100
19.	Mechanic (Bakery)	2	0	2	100
20.	Baker	3	0	3	100
21.	Driver-cum-Salesman/Tractor Driver	1	1	0	0
22.	Bakery Operators	4	3	1	25
23.	Bakery helper	8	1	7	88
24.	School Helpers	2	0	2	100
25.	Cleaner / Loader	2	0	2	100
26	Farm Labourer	2	0	2	100
27.	Watchman	1	0	1	100
28.	Caretaker	1	1	0	0
29.	Junior Engineer	1	0	1	100
	Total	**118**	**32**	**86**	**73**
2024-25					
1.	Personal Secretary	1	1	0	0
2.	Superintendent	2	2	0	0
3.	Senior Assistant	7	3	4	57
4.	Assistant	10	3	7	70
5.	Field Assistant	1	1	0	0
6.	Lab Assistant	2	2	0	0
7.	Senior Typist	2	0	2	100
8.	Typist	4	0	4	100
9.	Stenographer	10	0	10	100
10.	Attender	4	1	3	75
11.	Driver (LV)	13	1	12	92
12.	Driver (HV)	10	5	5	50
13.	Messenger	12	1	11	92
14.	Asst. Cook-cum-Caretaker	7	4	3	43
15.	Artist-cum-Photographer	1	0	1	100
16.	D Group Employees	2	0	2	100
17.	Production Supervisor	1	0	1	100
18.	Salesman	1	0	1	100
19.	Mechanic (Bakery)	2	0	2	100
20.	Baker	3	0	3	100
21.	Driver-cum-Salesman/Tractor Driver	1	1	0	0
22.	Bakery Operators	4	3	1	25
23.	Bakery helper	8	0	8	100
24.	School Helpers	2	0	2	100
25.	Cleaner / Loader	2	0	2	100
26.	Farm Labourer	2	0	2	100
27.	Watchman	2	0	2	100
28.	Caretaker	1	1	0	0
29.	Junior Engineer	1	0	1	100
	Total	**118**	**29**	**89**	**75**

2025-26					
1.	Personal Secretary	1	1	0	0
2.	Superintendent	2	1	1	50
3.	Senior Assistant	5	0	5	100
4.	Assistant	10	2	8	80
5.	Field Assistant	1	1	0	0
6.	Lab Assistant	2	2	0	0
7.	Senior Typist	2	0	2	100
8.	Typist	3	0	3	100
9.	Stenographer	10	0	10	100
10.	Attender	4	1	3	75
11.	Driver (LV)	12	1	11	92
12.	Driver (HV)	9	4	5	56
13.	Messenger	12	1	11	92
14.	Asst. Cook-cum-Caretaker	7	6	1	14
15.	Artist-cum-Photographer	1	0	1	100
16.	D Group Employees	2	0	2	100
17.	Production Supervisor	1	0	1	100
18.	Salesman	1	0	1	100
19.	Mechanic (Bakery)	1	0	1	100
20.	Baker	3	0	3	100
21.	Driver-cum-Salesman/Tractor Driver	1	0	1	100
22.	Bakery Operators	4	3	1	25
23.	Bakery helper	8	0	8	100
24.	School Helpers	2	0	2	100
25.	Cleaner / Loader	2	0	2	100
26.	Farm Labourer	2	0	2	100
27.	Watchman	2	0	2	100
28.	caretaker	1	1	0	0
29.	Junior Engineer (Agri)	1	0	1	100
	Total	**112**	**24**	**88**	**79**

Note: Vacant position (%) has been rounded off to the nearest whole number

Position of the Technical and Supporting Staff – Contractual

Position	Contractual staff working (No.)
Technical Staff	
2021-22	
Programme Assistant (Computer)	2
Farm Manager	4
Total	**6**
2022-23	
Programme Assistant (Computer)	1
Farm Manager	1
Total	**2**
2023-24	
Programme Assistant (Computer)	1
Total	**1**
2024-25	
Programme Assistant (Computer)	2
Total	**2**
2025-26	
Programme Assistant (Computer)	2
Programme Assistant (Lab)	1
Farm Manager	1
Total	**4**
Supporting staff	
2021-22	
Senior Assistant	4
Assistant	6
Senior Typist	3
Typist	5
Stenographer	6
Attender	1
Driver (LV)	4
Driver (HV)	2
Messenger	10

Asst. Cook-cum-Caretaker	3
D Group Employees	2
Baker	1
Bakery Operators	1
Bakery helper	2
School Helpers	1
Cleaner / Loader	2
Watchman	1
Total	**54**
2022-23	
Senior Assistant	4
Assistant	7
Senior Typist	3
Typist	5
Stenographer	6
Attender	1
Driver (LV)	5
Driver (HV)	3
Messenger	10
Asst. Cook-cum-Caretaker	3
D Group Employees	2
Bakery Operators	1
Bakery helper	2
School Helpers	1
Cleaner / Loader	2
Watchman	1
Total	**56**
2023-24	
Senior Assistant	4
Assistant	7
Field Assistant	1
Senior Typist	3
Typist	5

Stenographer	5
Attender	1
Driver (LV)	13
Driver (HV)	3
Messenger	7
Asst. Cook-cum-Caretaker	3
D Group Employees	2
Driver-cum-Salesman/Tractor Driver	1
Bakery Operators	1
Bakery helper	3
School Helpers	1
Cleaner / Loader	2
Watchman	1
Total	**63**
2024-25	
Senior Assistant	4
Assistant	8
Senior Typist	3
Typist	5
Stenographer	6
Attender	1
Driver (LV)	7
Driver (HV)	2
Messenger	10
Asst. Cook-cum-Caretaker	2
D Group Employees	3
Driver-cum-Salesman/Tractor Driver	1
Bakery helper	3
School Helpers	1
Cleaner / Loader	2
Watchman	1
Total	**59**

2025-26	
Senior Assistant	3
Assistant	8
Senior Typist	3
Typist	5
Stenographer	6
Attender	1
Driver (LV)	7
Driver (HV)	4
Messenger	8
Asst. Cook-cum-Caretaker	1
D Group Employees	3
Baker	2
Driver-cum-Salesman/Tractor Driver	1
School Helpers	1
Cleaner / Loader	2
Watchman	1
Total	**56**

Extension Faculty Strength – Permanent & Contractual details

Sl. No.	Cadre	Sanctioned faculty (No.)	Faculty in place (Permanent + Contractual) (No.)	Vacant position (No.)	Vacant position (%)
2021-22					
1	Officer	1	0	1	100
2	Professor	2	1	1	50
3	Associate Professor	14	10	4	29
4	Assistant Professor	70	68	2	3
2022-23					
1	Officer	1	0	1	100
2	Professor	2	1	1	50
3	Associate Professor	14	10	4	29
4	Assistant Professor	70	66	4	6

2023-24					
1	Officer	1	0	1	100
2	Professor	2	1	1	50
3	Associate Professor	14	10	4	29
4	Assistant Professor	70	62	8	11
2024-25					
1	Officer	1	0	1	100
2	Professor	2	1	1	50
3	Associate Professor	12	9	3	25
4	Assistant Professor	63	57	6	10
2025-26					
1	Officer	1	0	1	100
2	Professor	2	1	1	50
3	Associate Professor	12	9	3	25
4	Assistant Professor	63	56	7	11

Note: Vacant position (%) has been rounded off to the nearest whole number

Position of the Technical and Supporting Staff –Permanent & Contractual details

Sl. No.	Position	Sanctioned Staff (No.)	Staff in place (Permanent + Contractual) (No.)	Vacant position (No.)	Vacant position (%)
Technical					
2021-22					
1	Programme Assistant (Computer)	7	7	0	0
2	Programme Assistant (Lab)	7	7	0	0
3	Farm Manager	7	7	0	0
	Total	**21**	**21**	0	0
2022-23					
1	Programme Assistant (Computer)	7	7	0	0
2	Programme Assistant (Lab)	7	4	3	43
3	Farm Manager	7	7	0	0
	Total	**21**	16	5	24
2023-24					
1	Programme Assistant	7	6	1	14

	(Computer)				
2	Programme Assistant (Lab)	7	5	2	29
3	Farm Manager	7	7	0	0
	Total	**21**	17	4	19
2024-25					
1	Programme Assistant (Computer)	7	7	0	0
2	Programme Assistant (Lab)	7	4	3	43
3	Farm Manager	7	5	2	29
	Total	**21**	14	7	33
2025-26					
1	Programme Assistant (Computer)	7	6	1	14
2	Programme Assistant (Lab)	7	6	1	14
3	Farm Manager	7	6	1	14
	Total	**21**	14	7	33
Supporting staff					
2021-22					
1	Personal Secretary	1	1	0	0
2	Superintendent	2	1	1	50
3	Senior Assistant	7	6	1	14
4	Assistant	10	9	1	10
5	Field Assistant	1	1	0	0
6	Lab Assistant	2	2	0	0
7	Senior Typist	2	3	-1	-50
8	Typist	4	5	-1	-25
9	Stenographer	10	6	4	40
10	Attender	4	4	0	0
11	Driver (LV)	13	13	0	0
12	Driver (HV)	10	5	5	50
13	Messenger	13	12	1	8
14	Asst. Cook-cum-Caretaker	7	7	0	0
15	Artist-cum-Photographer	1	0	1	100
16	D Group Employees	2	2	0	0

17	Production Supervisor	1	0	1	100
18	Salesman	1	0	1	100
19	Mechanic (Bakery)	2	0	2	100
20	Baker	3	1	2	67
21	Driver-cum-Salesman/Tractor Driver	1	1	0	0
22	Bakery Operators	4	4	0	0
23	Bakery helper	8	3	5	63
24	School Helpers	2	1	1	50
25	Cleaner / Loader	2	2	0	0
26	Farm Labourer	2	0	2	100
27	Watchman	1	1	0	0
28	caretaker	1	1	0	0
29	Junior Engineer	1	0	1	100
	Total	**118**	38	80	68
2022-23					
1	Personal Secretary	1	1	0	0
2	Superintendent	2	1	1	50
3	Senior Assistant	7	6	1	14
4	Assistant	10	12	-2	-20
5	Field Assistant	1	1	0	0
6	Lab Assistant	2	2	0	0
7	Senior Typist	2	3	-1	-50
8	Typist	4	5	-1	-25
9	Stenographer	10	6	4	40
10	Attender	4	4	0	0
11	Driver (LV)	13	15	-2	-15
12	Driver (HV)	10	7	3	30
13	Messenger	13	12	1	8
14	Asst. Cook-cum-Caretaker	7	7	0	0
15	Artist-cum-Photographer	1	0	1	100
16	D Group Employees	2	2	0	0
17	Production Supervisor	1	0	1	100
18	Salesman	1	0	1	100

19	Mechanic (Bakery)	2	0	2	100
20	Baker	3	0	3	100
21	Driver-cum-Salesman/Tractor Driver	1	1	0	0
22	Bakery Operators	4	4	0	0
23	Bakery helper	8	3	5	63
24	School Helpers	2	1	1	50
25	Cleaner / Loader	2	2	0	0
26	Farm Labourer	2	0	2	100
27	Watchman	1	1	0	0
28	caretaker	1	1	0	0
29	Junior Engineer	1	0	1	100
	Total	**118**	41	77	65
2023-24					
1	Personal Secretary	1	1	0	0
2	Superintendent	2	1	1	50
3	Senior Assistant	7	6	1	14
4	Assistant	10	10	0	0
5	Field Assistant	1	2	-1	-100
6	Lab Assistant	2	2	0	0
7	Senior Typist	2	3	-1	-50
8	Typist	4	5	-1	-25
9	Stenographer	10	5	5	50
10	Attender	4	4	0	0
11	Driver (LV)	13	15	-2	-15
12	Driver (HV)	10	8	2	20
13	Messenger	13	9	4	31
14	Asst. Cook-cum-Caretaker	7	7	0	0
15	Artist-cum-Photographer	1	0	1	100
16	D Group Employees	2	2	0	0
17	Production Supervisor	1	0	1	100
18	Salesman	1	0	1	100
19	Mechanic (Bakery)	2	0	2	100
20	Baker	3	0	3	100

21	Driver-cum-Salesman/Tractor Driver	1	2	-1	-100
22	Bakery Operators	4	4	0	0
23	Bakery helper	8	4	4	50
24	School Helpers	2	1	1	50
25	Cleaner / Loader	2	2	0	0
26	Farm Labourer	2	0	2	100
27	Watchman	1	1	0	0
28	caretaker	1	1	0	0
29	Junior Engineer	1	0	1	100
	Total	**118**	32	86	73
2024-25					
1	Personal Secretary	1	1	0	0
2	Superintendent	2	2	0	0
3	Senior Assistant	7	7	0	0
4	Assistant	10	11	-1	-10
5	Field Assistant	1	1	0	0
6	Lab Assistant	2	2	0	0
7	Senior Typist	2	3	-1	-50
8	Typist	4	5	-1	-25
9	Stenographer	10	6	4	40
10	Attender	4	2	2	50
11	Driver (LV)	13	8	5	38
12	Driver (HV)	10	7	3	30
13	Messenger	12	11	1	8
14	Asst. Cook-cum-Caretaker	7	6	1	14
15	Artist-cum-Photographer	1	0	1	100
16	D Group Employees	2	3	-1	-50
17	Production Supervisor	1	0	1	100
18	Salesman	1	0	1	100
19	Mechanic (Bakery)	2	0	2	100
20	Baker	3	0	3	100
21	Driver-cum-Salesman/Tractor Driver	1	2	-1	-100

22	Bakery Operators	4	3	1	25
23	Bakery helper	8	3	5	63
24	School Helpers	2	1	1	50
25	Cleaner / Loader	2	2	0	0
26	Farm Labourer	2	0	2	100
27	Watchman	2	1	1	50
28	caretaker	1	1	0	0
29	Junior Engineer	1	0	1	100
	Total	**118**	29	89	75
2025-26					
1	Personal Secretary	1	1	0	0
2	Superintendent	2	1	1	50
3	Senior Assistant	5	3	2	40
4	Assistant	10	10	0	0
5	Field Assistant	1	1	0	0
6	Lab Assistant	2	2	0	0
7	Senior Typist	2	3	-1	-50
8	Typist	3	5	-2	-67
9	Stenographer	10	6	4	40
10	Attender	4	2	2	50
11	Driver (LV)	12	8	4	33
12	Driver (HV)	9	8	1	11
13	Messenger	12	9	3	25
14	Asst. Cook-cum-Caretaker	7	7	0	0
15	Artist-cum-Photographer	1	0	1	100
16	D Group Employees	2	3	-1	-50
17	Production Supervisor	1	0	1	100
18	Salesman	1	0	1	100
19	Mechanic (Bakery)	1	0	1	100
20	Baker	3	2	1	33
21	Driver-cum-Salesman/Tractor Driver	1	1	0	0
22	Bakery Operators	4	3	1	25
23	Bakery helper	8	0	8	100

24	School Helpers	2	1	1	50
25	Cleaner / Loader	2	2	0	0
26	Farm Labourer	2	0	2	100
27	Watchman	2	1	1	50
28	caretaker	1	1	0	0
29	Junior Engineer (Agri)	1	0	1	100
	Total	**112**	24	88	79

Note: Negative sign represents hiring of additional contractual personnel; Vacant position (%) has been rounded off to the nearest whole number

Extension Programmes carried out from 2021-22 to 2025-26

Abstract of Extension activities of Seven Krishi Vigyan Kendras (KVKs) under UASB

Sl. No.	Type of Extension Programme	No. of Programmes	Farmers Covered
1.	Oncampus	1122	47140
2.	Off-campus	1315	41290
3.	Extension functionaries	125	4377
4.	Sponsored training programmes	210	7856
5.	Collaborative Programees	178	11029
6.	Vocational	23	530
7.	Resource person (Guest Lectures)	4401	198140
8.	Field visits by KVK scientists	4836	32811
9.	Consultancy through telephone	140816	140816
10.	Consultancy through face to face	100450	100450
11.	Group discussion meetings	1060	31964
12.	Diagnostic field visits	555	6049
13.	Newspaper coverage	2208	Across the state
14.	Film show organized	623	17089
15.	TV programme	186	Across the state
16.	Radio programme	201	Across the state
17.	Exhibition & Krishimelas organized	176	1400388
18.	Exhibition & Krishimelas participated	472	250220
19.	Exposure visits organized	288	8766
20.	Educational tours organized	31	1300
21.	Field days organized	362	14932
22.	Important events organized	542	48907
23.	Special days celebration	247	24536
24.	Workshops organized	30	2326
25.	Workshops attended	107	2833

26.	Animal health camp	53	4693
27.	Human health camp	09	809
28.	Soil health camp	43	7762
29.	Method demonstrations conducted	1343	58756
30.	Bi-monthly technical workshop	99	4415
31.	SMS sent to registered farmers	728	3239947
32.	Higher training programme (participated)	464	529
33.	What'sapp SMS	9593	1724369
34.	Facebook SMS	3725	6768518
35.	Meetings	533	3937
36.	No. of Video conference/Zoom meetings	154	8884
37.	DAESI class conducted	1567	17920
38.	RSKs visit	680	4960
39.	NICRA training programme	83	2093
40.	Diploma / distance education classes	106	617
41.	Participation in Viksit Bharat Sankalp Yatra	994	187456
42.	Youtube channels of KVK's	7	Across the state

Extension activities of Krishi Vigyan Kendras (KVKs) yearwise

Sl. No.	Type of Extension Programme	No. of Programmes	Farmers Covered
2021-22			
1.	On-campus	294	14152
2.	Off-campus	235	6507
3.	Extension functionaries	27	1149
4.	Sponsored training progremmes	45	1588
5.	Collaborative Programmes	53	2864
6.	Vocational	7	140
7.	Resource person (Guest Lectures)	560	24203
8.	Field visits by KVK scientists	1002	6145
9.	Consultancy through telephone	21203	21203
10.	Consultancy through face to face	13270	13270
11.	Group discussion meetings	113	2234
12.	Diagnostic field visits	123	1394
13.	Newspaper coverage	329	Across the state
14.	Film show organized	147	4022
15.	TV programme	44	Across the state
16.	Radio programme	26	Across the state
17.	Exhibition & Krishimelas organized	14	31003
18.	Exhibition & Krishimelas participated	294	14152
19.	Field days organized	88	3214
20.	Animal health camp	17	1903

21.	Soil health camp	2	27
22.	Method demonstrations conducted	193	3937
23.	Bi-monthly technical workshop	19	349
24.	SMS sent to registered farmers	211	1966108
25.	Higher training programme (participated)	88	16
26.	What'sapp SMS	338	84391
27.	Facebook SMS	77	36736
28.	Meetings	47	79
29.	No. of Video conference/Zoom meetings	83	6382
30.	DAESI class conducted	322	4902
31.	Youtube channels of KVK's	7	Across the state
2022-23			
1.	On-campus	189	9166
2.	Off-campus	266	8057
3.	Extension functionaries	19	625
4.	Sponsored training programme	36	1577
5.	Collaborative programme	51	2994
6.	Vocational	6	180
7.	Resource person (Guest Lectures)	695	29154
8.	Field visits by KVK scientists	918	6424
9.	Consultancy through telephone	26483	26483
10.	Consultancy through face to face	18855	18855
11.	Group discussion meetings	474	3322
12.	Diagnostic field visits	107	1147
13.	Newspaper coverage	335	28
14.	Film show organized	152	3887
15.	TV programme	46	Across the state
16.	Radio programme	25	Across the state
17.	Exhibition & Krishimelas organized	24	603929
18.	Exhibition & Krishimelas participated	34	111793
19.	Exposure visits organized	65	1757
20.	Educational tours organized	1	60
21.	Field days organized	82	3700
22.	Important events organized	163	10982
23.	Special days celebration	38	1967
24.	Workshops organized	7	336
25.	Workshops attended	9	107
26.	Animal health camp	3	168
27.	Human health camp	1	54
28.	Soil health camp	12	326
29.	Method demonstrations conducted	212	5232
30.	Bi-monthly technical workshop	21	1051
31.	SMS sent to registered farmers	138	621620

32.	Higher training programme (participated)	28	26
33.	What'sapp SMS	609	349770
34.	Facebook SMS	292	92852
35.	Meetings	120	481
36.	No. of Video conference/Zoom meetings	23	878
37.	DAESI class conducted	384	3203
38.	RSKs visit	275	1562
39.	NICRA training programme	17	444
40.	Diploma / distance education classes	22	56
41.	Youtube channels of KVK's	7	Across the state
2023-24			
1.	On-campus	213	8075
2.	Off-campus	360	10900
3.	Extension functionaries	27	908
4.	Sponsored training programme.	38	1053
5.	Collaborative programme	35	2904
6.	Vocational	1	15
7.	Resource person (Guest Lectures)	1043	46944
8.	Field visits by KVK scientists	1049	6667
9.	Consultancy through telephone	38164	38164
10.	Consultancy through face to face	24276	24276
11.	Group discussion meetings	158	6295
12.	Diagnostic field visits	95	1187
13.	Newspaper coverage	507	Across the state
14.	Film show organized	111	3476
15.	TV programme	36	Across the state
16.	Radio programme	33	40
17.	Exhibition & Krishimelas organized	48	607977
18.	Exhibition & Krishimelas participated	34	115138
19.	Exposure visits organized	38	1456
20.	Educational tours organized	1	60
21.	Field days organized	75	3035
22.	Important events organized	185	13359
23.	Special days celebration	50	3188
24.	Workshops organinzed	12	935
25.	Workshops attended	44	1166
26.	Animal health camp	10	1026
27.	Human health camp	1	82
28.	Soil health camp	4	140
29.	Method demonstrations conducted	262	7086
30.	Bi-monthly technical workshop	17	704
31.	SMS sent to registered farmers	118	525056
32.	Higher training programme (participated)	40	80

33.	What'sapp SMS	824	495889
34.	Facebook SMS	244	83464
35.	Meetings	165	770
36.	No. of Video conference/Zoom meetings	27	272
37.	DAESI class conducted	289	3426
38.	RSKs visit	218	1215
39.	NICRA training programme	26	632
40.	Diploma / distance education classes	40	329
41.	Participation in Viksit Bharat Sankalp Yatra	298	48502
42.	Youtube channels of KVK's	7	Across the state
2024-25			
1.	On-campus	226	7746
2.	Off-campus	237	7337
3.	Extension functionaries	25	839
4.	Sponsored training programme	78	2902
5.	Collaborative programme	21	1058
6.	Vocational	6	125
7.	Resource person (Guest Lectures)	1216	52870
8.	Field visits by KVK scientists	952	6606
9.	Consultancy through telephone	22429	22429
10.	Consultancy through face to face	17098	17098
11.	Group discussion meetings	94	2004
12.	Diagnostic field visits	98	1160
13.	Newspaper coverage	399	Across the state
14.	Film show organized	149	3551
15.	TV programme	25	Across the state
16.	Radio programme	41	231
17.	Exhibition & Krishimelas organized	25	3334.2
18.	Exhibition & Krishimelas participated	45	1030525
19.	Exposure visits organized	148	3921
20.	Educational tours organized	12	426
21.	Field days organized	60	2637
22.	Important events organized	109	8800
23.	Special days celebration	84	4907
24.	Workshops organized	6	379
25.	Workshops attended	35	685
26.	Animal health camp	10	851
27.	Human health camp	4	387
28.	Soil health camp	9	403
29.	Method demonstrations conducted	248	6384
30.	Bi-monthly technical workshop	32	1602
31.	SMS sent to registered farmers	25	45997
32.	Higher training programme (participated)	265	304

33.	What'sapp SMS	3254	146720
34.	Facebook SMS	751	160866
35.	Meetings	105	825
36.	No. of Video conference/Zoom meetings	8	124
37.	DAESI class conducted	343	3870
38.	RSKs visit	73	527
39.	NICRA training programme	33	716
40.	Diploma / distance education classes	14	87
41.	Phone in programme	2	Across the state
42.	Youtube channels of KVK's	7	Across the state
2025-26			
1.	On-campus	200	8001
2.	Off-campus	217	8489
3.	Extension functionaries	27	856
4.	Sponsored training programme	13	736
5.	Collaborative programme	18	1209
6.	Vocational	3	70
7.	Resource person (Guest Lectures)	887	44969
8.	Field visits by KVK scientists	915	6969
9.	Consultancy through telephone	32537	32537
10.	Consultancy through face to face	26951	26951
11.	Group discussion meetings	221	18109
12.	Diagnostic field visits	132	1161
13.	Newspaper coverage	638	Across the state
14.	Film show organized	64	2153
15.	TV programme	35	Across the state
16.	Radio programme	76	47
17.	Exhibition & Krishimelas organized	65	124137
18.	Exhibition & Krishimelas participated	55	21609351
19.	Exposure visits organized	37	1632
20.	Educational tours organized	17	754
21.	Field days organized	57	2346
22.	Important events organized	85	15766
23.	Special daycelebration	75	14474
24.	Workshops organinzed	5	676
25.	Workshops attended	19	875
26.	Animal health camp	13	745
27.	Human health camp	3	286
28.	Soil health camp	16	6866
29.	Method demonstrations conducted	428	36117
30.	Bi-monthly technical workshop	10	709
31.	SMS sent to registered farmers	236	81166
32.	Higher training programme (participated)	43	103

33.	What'sapp SMS	4568	647599
34.	Facebook SMS	2361	6394600
35.	Meetings	96	1782
36.	No. of Video conference/Zoom meetings	13	1228
37.	DAESI class conducted	229	2519
38.	RSKs visit	114	1656
39.	NICRA training programme	10	301
40.	Diploma / distance education classes	30	145
41.	Participation in Viksit Krishi Sankalp Abiyan	696	138954
42.	Youtube channels of KVK's	7	Across the state



Field visit to beekeeping by KVK Hassan



Training on scientific rearing of dairy animals, sheep and goat rearing at KVK Chamarajanagara



KVK Tumakuru



Field day on Finger millet at KVK Bangalore Rural



Pre-kharif campaign by KVK Chikkabalapura



Method demonstration on trash management at KVK Mandya



Field day of HA-5 Field bean variety by KVK Bengaluru South

ICAR- Krishi Vigyan Kendras (KVKs): details of OFTs and FLDs conducted and technology spread

Sl. No.	OFT conducted
2021-22	
	KVK- Bengaluru Rural District
1.	Assessment of suitable Redgram varieties for vegetable purpose.
2.	Assessment of nano-fertilizers (N & Zn) on growth and yield of Maize.
3.	Assessment of nutrient management in Marigold.
4.	Assessment on management of mites and thrips in Mulberry.
	KVK- Chikkaballapura
1.	Assessment on effective management of mites and thrips in Mulberry.
2.	Assessment of nano-fertilizers (N & Zn) on growth and yield of Maize.
3.	Assessment of different liquid microbial consortia in Mulberry.
4.	Assessment of economic feasibility of apical stem cutting and tubers in Potato.
5.	Assessment of eco-friendly practices for management of root knot nematodes in Mulberry.
6.	Assessment of foliar nutritional management in Mulberry through eco-friendly approach.
	KVK- Bengaluru South
1.	Assessment of white seeded Sesame varieties for pre-kharif.
2.	Assessment of Mulberry based cropping system.
3.	Assessment on effect of different liquid microbial consortia in Mulberry.
4.	Assessment on management of mites and thrips in Mulberry.
	KVK- Tumakuru
1.	Assessment of Chilli hybrids for disease resistance and higher productivity.
2.	Assessment of bio formulations for improving quality and plant health management of Pomegranate.
3.	Assessment of fodder crops as inter crop in Coconut garden.

KVK- Mandya	
1.	Assessing the performance of hybrid Napier varieties.
2.	Assessment of nano-fertilizer (N & Zn) on growth and yield of Maize.
3.	Assessment on management of mites and thrips in Mulberry.
KVK- Hassan	
1.	Assessment of suitable paddy variety for Zone-7.
2.	Assessment of apical rooted Potato saplings performance on yield.
3.	Assessment on management of uzifly in silkworm rearing.
KVK- Chamarajanagara	
1.	Assessing the performance of hybrid Napier varieties.
2.	Assessment of nutrient management in Potato (3rd year).
3.	Effect of nano nitrogenous fertilizer on growth and yield of Maize.
4.	Assessment of suitable short duration Turmeric varieties for higher yield and quality.
5.	Assessment of different propagation methods in Potato.
6.	Assessment of technologies for the management of Panama wilt disease in Banana.
7.	Assessing the efficiency of trenching and mulching in (wider spaced) tree mulberry (2nd year).
8.	Assessment on management of mites and thrips in Mulberry.
2022-23	
KVK- Bengaluru Rural District	
1.	Assessment of Napier hybrids for yield and quality.
2.	Assessment on management of mites and thrips in Mulberry.
KVK- Chikkaballapura	
1.	Assessment on effective management of mites and thrips in Mulberry.
2.	Assessment of nano-fertilizers (N & Zn) on growth and yield of Maize.
3.	Assessment of different liquid microbial consortia in Mulberry.
4.	Assessment of economic feasibility of apical stem cutting and tubers in Potato.
5.	Assessment of eco-friendly practices for management of root knot nematodes in Mulberry.
6.	Assessment of foliar nutritional management in Mulberry through eco-friendly approach.
KVK- Bengaluru South	
1.	Assessment on hybrid Napier varieties in Bengaluru South District.
2.	Assessment on effect of different liquid microbial consortia in Mulberry.
3.	Assessment on management of mites and thrips in Mulberry.
KVK- Tumakuru	
1.	Assessment of green Chilli hybrid for higher productivity.
2.	Assessment of bio-formulations for improving productivity, quality and management of disease in Pomegranate.
KVK- Mandya	
1.	Assessing the performance of hybrid Napier varieties.
2.	Assessment of suitable planting material in Banana Cv. Elakki.

3.	Assessment of different liquid microbial consortia in Mulberry for higher leaf yield.
4.	Assessment on management of mites and thrips in Mulberry.
KVK- Hassan	
1.	Assessment of suitable intercrops in Maize to enhance soil fertility.
2.	Assessment on effect of Mulberry shoot bio-char on production of Mulberry leaf and cocoon.
3.	Assessment of bio-pesticides effect on root grub (*Holotrichia spp.*) management in Sugarcane.
KVK- Chamarajanagara	
1.	Assessment of suitable planting material in Banana Cv. Nendran.
2.	Evaluation of different organic pesticides/bio-pesticides for the effective management of prominent pest and diseases of Mulberry.
3.	Assessing the performance of hybrid Napier varieties.
4.	Assessment of suitable short duration Turmeric varieties for higher yield and quality.
5.	Assessment of technologies for the management of Panama wilt disease in Banana.
6.	Assessment on management of mites and thrips in Mulberry.
2023-24	
KVK- Bengaluru Rural District	
1.	Assessment of Napier hybrids for yield and quality.
2.	Assessing the performance of 'Crop Booster' in Maize.
3.	Assessment of growth promoting substances on Tomato yield.
4.	Assessment of Chilli hybrids for enhancing yield.
5.	Assessment on management of late blight in Potato.
6.	Assessing the effect of incandescent light and growth regulators on Chrysanthemum flower yield.
7.	Assessment of different extension tools to popularize seed cum fertilizer drill machine in Finger millet.
KVK- Chikkaballapura	
1.	Assessment of growth and yield of tubers from ASC (G0) and apical stem cuttings in Potato.
2.	Assessment of bio-formulations for improving productivity and management of bacterial blight in Pomegranate.
3.	Assessment of management strategies for Red Hairy Caterpillar in Groundnut.
4.	Assessment of nutrient management practices in Potato.
KVK- Bengaluru South	
1.	Assessment on Napier hybrids for high and quality green fodder production.
2.	Assessment on eco-friendly management of pod borers in Dolichos bean.
3.	Assessment of Chilli hybrids for higher productivity.
4.	Assessment of different extension methods in transferring the technology of mango special spraying.
5.	Demonstration on management of pest & diseases in Mango.
KVK- Tumakuru	
1.	Assessment of Foxtail millet varieties for higher yield.
2.	Assessment of Ganoderma disease management in coconut.

3.	Assessment of bio-formulations for improving quality and management of diseases in Pomegranate.
4.	Assessment on effect of different extension teaching methods on acquiring entrepreneurial skills of coconut among FPO farmers.
KVK- Mandya	
1.	Assessment of suitable intercropping system for Foxtail millet.
2.	Assessment of suitable salt tolerant paddy varieties in alkali soils.
3.	Assessing the performance of short duration Green gram varieties in Paddy fallows.
4.	Assessment on management of Yellow Mosaic Virus in Bitter gourd through integrated approach.
5.	Assessment on different Chilli hybrids for disease resistance and yield productivity.
6.	Assessment of suitable planting material in Banana cv. Elakki.
7.	Assessment of different extension methods in transfer of sugarcane *in situ* trash mulching technology.
KVK- Hassan	
1.	Assessment of incandescent light effect on performance of Chrysanthemum flower yield.
2.	Assessment of improved Ginger varieties for higher yield.
3.	Assessment of improved Black pepper varieties against quick wilt.
4.	Assessment of suitable intercrops in Maize to enhance soil fertility.
5.	Assessment of bio-pesticides effect on root grub (*Holotrichia spp.*) management in sugarcane.
KVK- Chamarajanagara	
6.	Assessing the performance of short duration greengram varieties in Paddy fallows.
7.	Assessment of suitable intercrops in Foxtail millet.
8.	Assessment of suitable salt tolerant Paddy variety.
9.	Assessment of suitable planting material in Banana cv. Nendran.
10.	Assessment of different bio-pesticides for the effective management of diseases of Mulberry.
11.	Assessment of effectiveness of different extension methods in transfer of Trichoderma application technology for the management of rhizome rot in Turmeric.
2024-25	
KVK- Bengaluru Rural District	
1.	Assessing the performance of 'Crop Booster' in Maize.
2.	Assessment of optimum row proportion in Finger millet-based strip cropping for mechanization.
3.	Assessment of paired row planting in Redgram for yield maximization.
4.	Assessment of crop boosters on Redgram yield.
5.	Assessment of growth promoters on growth and yield of Tomato.
6.	Management of blossom end rot and fruit cracking in Tomato for enhancing the yield and quality.
7.	Assessment of Chilli hybrids for enhancing yield.
8.	Assessment on eco-friendly management of Black thrips (*Thrips parvispinus*) in Chilli.

KVK- Chikkaballapura	
1.	Assessment of nutrient management practices in Potato.
2.	Assessment on management of late blight in Potato.
3.	Assessing the performance of 'Crop Booster' in Maize.
4.	Assessment of management strategies for red hairy caterpillar in Groundnut.
5.	Assessment of bio-formulations for improving productivity and management of bacterial blight in Pomegranate.
6.	Assessing the effect of incandescent light and growth regulators on Chrysanthemum flower yield.
7.	Assessment on management strategies for bacterial wilt in Tomato.
KVK- Bengaluru South	
1.	Assessment on Groundnut varieties for synchronous maturity and higher yield.
2.	Assessment on paired row planting in Red gram for mechanized cultivation.
3.	Assessment on eco-friendly management of pod borers in Dolichos bean.
4.	Assessment on integrated pest management of fruit flies in Ridge gourd.
5.	Management of blossom end rot and fruit cracking in Tomato for enhancing the yield and quality.
6.	Assessment of new Brinjal hybrids for high yield and economic feasibility.
7.	Assessment of foliar micronutrient management on fruit yield and quality of Banana cv. Yelakki.
8.	Assessment on fodder Maize varieties for high and quality green fodder production.
KVK- Tumakuru	
1.	Assessment of Foxtail millet varieties for higher yield.
2.	Assessment of foliar application of micronutrient to enhance fruit yield and quality of Banana Cv. Yelakki.
3.	Assessment of technology for high yield and Bacterial wilt resistance in Brinjal.
4.	Assessment on effectiveness of extension methods in adoption of root feeding technology for control of Ganoderma in coconut.
5.	Assessment of nutrient management in coconut for inflorescence sap extraction.
6.	Assessment of processing techniques for improving quality of Virgin coconut oil.
7.	Assessment of Ganoderma disease management in coconut.
8.	Assessment of different brooding chambers for honey productions.
KVK- Mandya	
1.	Assessment on performance of suitable Paddy variety in alkali soils.
2.	Assessing the performance of short duration Green gram varieties.
3.	Assessment on effect of 'Crop Booster' in Maize.
4.	Assessment of suitable intercropping system for Foxtail millet.
5.	Assessment on eco friendly management of pod borers in Dolichos bean.
6.	Assessment of Chilli hybrids for disease resistant and higher productivity.

7.	Assessment of technologies for the management of black thrips (*Thrips parvispinus*) and mites in Chilli.
8.	Assessing the performance of hybrid Napier varieties.
9.	Assessment on fodder maize varieties for high and quality green fodder production.
10.	Assessment on management of Yellow Mosaic Virus in Bitter gourd through Integrated approach.
11.	Assessment of sulphur nutrition on growth and yield of small Onion.
12.	Assessment of foliar micronutrient management on fruit yield of Banana Cv. Elakki.
13.	Assessment of different extension methods in transfer of Banana bunch feeding technology in G-9 banana.
KVK- Hassan	
1.	Assessment of nutrient management practices in Potato.
2.	Assessment of improved Black pepper varieties against quick wilt.
3.	Assessment of incandescent light effect on performance of Chrysanthemum flower yield.
4.	Assessment of different spraying equipment for effective application of nutrients and drudgery reduction.
5.	Assessment of improved ginger varieties for high yield.
KVK- Chamarajanagara	
1.	Assessment of suitable intercrops in Foxtail millet.
2.	Assessing the performance of short duration Greengram varieties in paddy fallows.
3.	Assessment for suitable salt tolerant Paddy variety.
4.	Assessment on effect of different drying methods on nutritional and quality parameters of Tomato.
5.	Assessment on effect of different drying methods on nutritional and quality parameters of Drumstick leaves.
6.	Assessment of different bio-pesticides for the effective management of diseases in Mulberry.
7.	Assessment of effect of different liquid organic formulation on growth and yield of Mulberry organic formulation on growth and yield of Mulberry.
8.	Assessment of bio-pesticides for management of sucking pests (mealy bugs, thrips & mites) in Mulberry.
9.	Assessment on eco-friendly management of Black thrips (*Thrips parvispinus*) in Chilli.
10.	Assessment of Chilli hybrids for leaf curl virus resistance and higher productivity.
11.	Assessment of different mulching practices in turmeric for better weed and water management.
2025-26	
KVK- Bengaluru Rural District	
1.	Assessment of paired row planting in Red gram for yield maximization.
2.	Assessment on eco-friendly management of black thrips (*Thrips parvispinus*) in Chilli.
3.	Assessing the effect of incandescent light and growth regulators on Chrysanthemum flower yield.
4.	Management of blossom end rot and fruit cracking in Tomato for enhancing yield and quality.

KVK- Chikkaballapura	
1.	Assessment of Groundnut varieties for increased productivity and income.
2.	Assessing the performance of 'Crop Booster' in Maize.
3.	Assessment of management strategies for Bacterial wilt in Tomato.
KVK- Bengaluru South	
1.	Assessment on eco-friendly management of fruit flies in Ridge gourd.
2.	Assessment on paired row planting in Red gram for mechanized cultivation.
3.	Assessment of legume crops as intercrop in Mango orchard for rainfed condition.
KVK- Tumakuru	
1.	Assessment of nutrient management in Coconut for inflorescence sap (Neera) extraction.
KVK- Mandya	
1.	Assessment of sulphur nutrition on growth and yield of small onion.
2.	Assessment of foliar micronutrient management on fruit yield of Banana Cv. Elakki.
KVK- Hassan	
1.	Assessment of nutrient management practices in Potato.
2.	Assessment of incandescent light effect on performance of Chrysanthemum flower yield.
3.	Assessment on eco-friendly management of Black thrips (*Thrips parvispinus*) in Chilli.
4.	Assessment of improved Black pepper varieties against quick wilt.
KVK- Chamarajanagara	
1.	Assessment of Chilli hybrids for leaf curl virus resistant and higher productivity
2.	Assessment of different liquid organic formulation on growth and yield of Mulberry
3.	Assessing the performance of Chickpea varieties under residual moisture condition
4.	Assessment of technology for the management of Tomato pinworm



Assessment of paired row planting in Redgram for yield maximization



Management of blossom end rot and fruit cracking in Tomato for enhancing the yield and quality



Assessment on integrated pest management of fruit flies in Ridge gourd



Assessment of new Brinjal hybrids for high yield and economic feasibility



Assessment of foliar micronutrient management on fruit yield and quality of Banana cv. Yelakki



Demonstration of Dolichos bean var 'Arka Amogh'



Inter cultivation in Groundnut varieties



Importance of 'Crop Booster' in Maize

Sl. No.	FLD conducted	Technology spread details
2021-22		
KVK- Bengaluru Rural District		
1.	Potassium management in maize through bio-K	Seed treatment with *Azospirillum* and PSB spread to an area of 5200 ha with the increase in yield by 8-10%
2.	Integrated management of Fall armyworm in Maize	IPM practices spread over an area of 6200 ha with an increase in yield of 50-60%
3.	Addressing drought and blast	Double cropping system of Ragi spread over an area of 52,700 ha

	vulnerability through Finger millet under double cropping system	with an increase in yield up to 10-15% with additional income
4.	Integrated crop management in Red gram	ICM practices including seed treatment and eco-friendly management of pests spread over an area of 1145 ha with an increase in yield by 15-20%
5.	Integrated nutrient management in Pole bean	INM practices spread over an area of 590 ha with increase in yield by 20-25%
6.	Eco friendly management of Diamond back moth in Cabbage	Eco-friendly approaches spread over an area of 190 ha with increase in yield by 13-15%
7.	Integrated pest and disease management in Tomato	IPDM practices in Tomato spreaded over an area of 980 ha with increase in yield of 25-30%
8.	Ration balancing through integrated approach in dairy Animals	The technology adopted by 163 farmers resulted in increase in milk yield by 6-7%
9.	Probiotics for optimum post-weaning growth in lambs	The technology adopted by 78 farmers, increased in body weight of each sheep by 9-10%
10.	Demonstration of multicut fodder sorghum COFS-31 for green fodder and silage	The variety spread over an area of 35 ha
11.	Demonstration of NARI Nirbeeja grafts of Subabul for nutritious fodder	Spread over an area of 35 - 38 ha
	KVK- Chikkaballapura	
1.	Demonstration on management of leaf roller in Mulberry	*Tricho* cards and eco-friendly IPM practices spread to 1,120 ha covering 1,680 farmers, resulting in 15–18% reduction in pest incidence and 12% increase in leaf yield
2.	Demonstration of fogging technology for microclimate management in silkworm rearing house	Fogger technology adopted in 340 rearing houses, improving micro-climate and resulting in 8 - 12% increase in cocoon yield
3.	Integrated crop management in Cucumber	ICM practices spread over 620 ha covering 780 farmers, recording 20–25% increase in cucumber yield
4.	Integrated crop management in Onion	Balanced fertilization and IPM practices spread to 540 ha covering 690 farmers, resulting in 18–22% yield increase and reduced storage losses
5.	Recycling of seri farm residues with waste decomposer consortia for quality compost production	Seri-waste composting technology adopted by 410 farmers, covering 380 ha, reducing fertilizer cost by 20–25%
6.	Integrated crop management in Marigold	ICM practices spread over 260 ha covering 340 farmers, resulting in 15–20% improvement in flower yield and quality

7.	Entrepreneurship development in handicrafts using pierced cocoons (EDP)	Value addition activity adopted by 120 farm women and rural youth, enhancing income by 20–30%
8.	Demonstration of Bivoltine double hybrid, FCI X FC2	Bivoltine hybrid adoption expanded to 620 farmers, recording 10–15% higher cocoon yield
9.	Management of uzifly (*Exorista bombysis*) in silkworm rearing	IPM practices spread to 480 rearing units, reducing uzifly infestation by 25–30%
10.	Demonstration of finger millet variety KMR-630	Variety spread to 1,420 ha covering 1,980 farmers, achieving 12–18% yield increase
11.	Demonstration of multicut fodder sorghum: COFS-31	Fodder variety adopted in 780 ha covering 960 farmers, producing 25–30% higher green fodder yield
12.	Demonstration of Field bean variety HA-4	Variety spread to 420 ha covering 560 farmers, recording 15–20% yield increase
13.	Demonstration of Rice bean variety KBR-1	Rice bean adopted in 360 ha covering 480 farmers, improving pulse yield and fodder availability
14.	Integrated nutrient management in Mulberry	INM practices adopted in 980 ha covering 1,320 farmers, improving leaf yield by 12–15%
15.	Integrated crop management in Maize	ICM practices spread to 1,240 ha covering 1,640 farmers, resulting in 10–15% grain yield increase
16.	Integrated nutrient and pest management in Tomato	IPNM practices adopted in 320 ha covering 410 farmers, resulting in 25–30% yield increase
17.	Integrated crop management in Mango	ICM practices spread to 640 ha covering 820 farmers, improving fruit yield and quality by 10–15%
18.	Demonstration of Nutri garden in farmers field and schools	Nutri-gardens established in 414 units, benefiting 640 households with year-round nutrition security
19.	Management of Yellow Mosaic Virus in Pole bean	IDM practices adopted in 290 ha covering 360 farmers, reducing disease incidence by 30–35%
20.	Demonstration of finger millet variety KMR-340 & value addition	Value addition practices adopted by 280 farmers, increasing income from ragi by 20–25%
	KVK- Bengaluru South	
1.	Demonstration of direct seeded rice cultivation	The technology have been spread in 114 ha area covering 248 farmers producing additional yield of 315.78 q (6.20%)
2.	Demonstration of improved high yielding horsegram variety crhg-19	The technology have been spread in 32 ha area covering 62 farmers producing additional yield of 44.8 q (19.20%)
3.	Integrated crop management in Redgram var. BRG-3	The technology have been spread in 160 ha area covering 365 farmers producing additional yield of 800 q (46.51%)
4.	Integrated pest and disease management in Rice	The technology have been spread in 102 ha area covering 242 farmers producing additional yield of 1490 q (19.71%)
5.	Introduction of potential crop Chia for balanced nutrition	Adopted in area of 0.24 ha covering 66 farmers with% increase of yield 16%
6.	Demonstration of Foxtail millet	52 farmers adopted with% increase in yield of 15.4%

	for production, processing and value addition	
7.	Integrated pest and disease management in Tomato	The technology has been spread in 72 ha area covering 195 farmers producing additional yield of 20670 q (17.19%)
8.	Integrated crop management in China aster	17.07% increase in flower yield. 13.8 ha spread and 56 farmers benefittrd
9.	Integrated crop management in Banana (Yelakki)	The technology has been spread in 40.65 ha area covering 112 farmers with additional yield of 8960 q (14%)
10.	Integrated crop management, safe ripening and direct marketing of Mango	The technology have been spread in 1200 ha area covering 1680 farmers producing additional yield of 3602 t (31.25%)
11.	Demonstration of balanced green fodder production through grass-legume intercropping system	The technology has been spread in 528 ha covering 842 farmers which is contributing to generate 24% additional forage production
12.	Integrated pest and disease management in Coconut	The technology has been spread in 148 ha area covering 375 farmers producing additional yield of 300375 nuts (9.32%)
13.	Integrated crop management in Arecanut	There is 10.56% increase in Chali yield, 12% spread in technology
14.	Management of nut splitting in Arecanut	There is 11.49% increase in Chali yield, 92 ha spread in technology and 122 farmers benefited
15.	Production of Swarnadhara birds as an enterprise	There is 25% increase in yield and BCR is 1.71, 5% increase in spread
16.	Nutritional approaches to enhance the productivity in sheep and goat	There is 4.81% increase in feed gain ratio, Rs. 115 additional returns/animal, BCR is 1.73, 50 farmers adopted
17.	Demonstration of tilapia fish for additional returns	There is 4.57% increase in profit, BCR is 2.82, 50 farmers adopted
18.	Integrated nutrient management in Mulberry	There is 5.6% increase in Mulberry leaf yield, 99 ha spread in technology and 139 farmers benefited
19.	Extraction, processing, branding and marketing of honey	30 farmers adopted with an area of 20 ha with 15.5% increase in yield
20.	Demonstration of nutri-garden for nutrition security	22 farmers adopted with an area of 2 ha, 59% increase in yield
	KVK- Tumakuru	
1.	Demonstration of Finger millet variety KMR – 630	There is 24.13% increase in Finger millet yield, 68 ha spread in technology and 122 farmers benefited
2.	Demonstration of Paddy variety Gangavathi sona	There is 21.68% increase in paddy yield, 76 ha spread in technology and 142 farmers benefited
3.	French bean as a intercrop in younger Arecanut garden	French bean yield recorded 43.77q/ha which increases additional income, decreases in weed menace and improved soil fertility status of arecanut garden., 34 ha spread in technology and 92 farmers

		benefited
4.	Inter-cropping of Hebbal Avare-4 (HA-4) in younger Arecanut gardens	Inter-cropping of Hebbal Avare-4 (HA-4) in younger Arecanut gardens increase soil fertility, 32 ha spread in technology and 81 farmers benefited
5.	French bean as a intercrop in Coconut garden	French bean yield 52.5q/ha coconut yield 8610/nuts/ha was recorded in demonstration which provide additional income to farmers., 29 ha spread in technology and 76 farmers benefited
6.	Demonstration of Arka Actino Plus on growth and yield of Brinjal	There is 21.11% increase in yield. 29 ha spread in technology and 76 farmers benefited
7.	Integrated crop management in Tomato	There is 28.24% increase in yield, 32 ha spread in technology and 81 farmers benefited
8.	Integrated crop management in chilli	There is 26.54% increase in yield, 32 ha spread in technology and 85 farmers benefited
9.	Integrated nutrient management in Coconut	There is 20.91% increase in yield, 33 ha spread in technology and 84 farmers benefited
10.	Demonstration of composting methodology for Areca husk	Compared to check (FYM) there is increase in Ca (26.75%), N (0.98%), P (0.62%), K (1.95%) and micro-nutrients, 32 ha spread in technology and 81 farmers benefited
11.	Enhancement of productivity through ICM in Mango variety (var. Alphanso)	There is 30.20% increase in yield, 32 ha spread in technology and 81 farmers benefited
12.	Enhancement of productivity in Arecanut through nutrient mgt	There is 22.73% increase in yield, 34 ha spread in technology and 84 farmers benefited
13.	Integrated nutrient management in Banana (var. puttabale)	There is 30.77% increase in yield, 29 ha spread in technology and 76 farmers benefited
14.	Management of dairy cow during the transition phase through supplementation of Bypass Fat	Demonstration recorded higher milk yield 2085 litre/ 120 days (37.63%) compare to check, 2% spread in technology
15.	Management of Anestrus in Heifers	Recorded conception rate 87.5%, 3% spread in technology
16.	Integrated scientific management in sheep/goats	Weight gain of 24.8kg at 8th month age recorded in demonstration, 3% spread in technology
17.	Fodder var. COFS 31 for higher yield	There is 26.6% increase in yield, 39 ha spread in technology and 92 farmers benefited
18.	NFSM-Pulses CFLD-Pigeon pea	There is 35.18% increase in yield, 32 ha spread in technology and 81 farmers benefited
19.	NFSM-oilseeds Castor	There is 42.60% increase in yield, 39 ha spread in technology and 92 farmers benefited
20.	Management of Rugose whitefly in coconut	Reduction of Rugose whitefly in coconut, 39 ha spread in technology and 96 farmers benefited

KVK- Mandya		
1.	Demonstration of new paddy variety MSN-99	The yield increased up to 33% as compare to the farmers practise and the grain being fine in quality, the area as spread to 396 ha contributing to an additional yield of 6256 q with 759 beneficiaries
2.	Nutrient management in Paddy for yield enhancement under salt affected soils	Demonstration on scheduling of nutrients has increased yield up to 27% and the technology spread in an area of 92 ha contributing to 863 q of additional yield in the district with 186 farmers beneficiaries
3.	Demonstration of short duration Ragi variety KMR-630	The yield increased up to 37% as compare to the farmers practise and the area has spread to 1504 ha contributing to an additional yield of 14137 q with 1720 beneficiaries
4.	Integrated crop management in Maize	The yield increased up to 25% as compare to the farmers practise, at the time of harvest the plants remains green, thus suitable for fodder and the area has spread to 210 ha contributing to an additional yield of 3675 q with 238 beneficiaries
5.	Integrated crop management in Field bean	The yield increased up to 34% as compared to the farmers practise and the area has spread to 40 ha contributing to an additional yield of 17.8 q with 78 beneficiaries
6.	Demonstration of Tomato Hyb. Arka Abhed	The yield increased up to 16.3% as compared to the farmers practise and the area has spread to 32 ha contributing to an additional yield of 294 q with 140 beneficiaries
7.	Precision farming in Capsicum under open field condition	The yield increased up to 22.3% as compared to the farmers practise and the area has spread to 68 ha contributing to an additional yield of 4553 q with 319 beneficiaries
8.	Integrated management of murda complex in Chilli	The yield increased up to 20.8% as compared to the farmers practise and the area has spread to 89 ha contributing to an additional yield of 58740 q with 438 beneficiaries
9.	Integrated pest management in Cabbage	The yield increased up to 15.23% as compared to the farmers practise and the area has spread to 42 ha contributing to an additional yield of 1969 q with 219 beneficiaries
10.	Integrated crop management in Ridge gourd	The yield increased up to 38.29% as compared to the farmers practise and the area has spread to 28 ha contributing to an additional yield of 2496 q with 154 beneficiaries
11.	Integrated crop management in Potato	The yield increased up to 29.16% as compared to the farmers practise and the area has spread to 24 ha contributing to an additional yield of 782 q with 103 beneficiaries
12.	Integrated crop management in Ginger	The yield increased up to 38.82% as compared to the farmers practise and the area has spread to 78 ha contributing to an additional yield of 5148 q with 189 beneficiaries
13.	Integrated crop management in Banana	The yield increased up to 26.0% as compared to the farmers practise and the area has spread to 198 ha contributing to an additional yield of 15048 q with 381 beneficiaries
14.	Demonstration on growth	The yield increased up to 38.09% as compared to the farmers

	regulator GA3 foliar spray in enhancing yield of Chrysanthemum var. CO-1	practise and the area has spread to 215 ha contributing to an additional yield of 8600 q with 897 beneficiaries
15.	Demonstration of improved silkworm hybrid FC-1 X FC-2	The yield increased up to 16.97%
16.	Integrated nutrient management in Mulberry	The yield increased up to 20.67% as compared to the farmers practise and the area has spread to 300 ha contributing to an additional yield of 5442 q /crop with 782 beneficiaries
17.	Integrated management of leaf roller in Mulberry	The yield increased up to 2.82% as compared to the farmers practise, incidence of leaf roller has reduced to 10.05% as compared to 14.7 in farmers practise and the area has spread to 60 ha contributing to an additional yield of 180 q/crop with 168 beneficiaries
18.	Demonstration on phytoecdysteroid for synchronized maturation of Silkworms	The yield increased up to 11.86% as compared to the farmers practise and the area has spread to 700 ha contributing to an additional yield
19.	Integrated uzi fly management in silkworm rearing	The yield increased up to 11.34%, decreasing in damaged cocoons accounting to 8.17% as compared to 14.33% in the farmers practise and the area has spread to 1300 ha
	KVK- Hassan	
1.	Demonstration of Niger variety KBN-1 for higher productivity	There has been 15.04% increase in yield, 21 ha spread in technology and 91 farmers benefited
2.	Demonstration of Castor hybrid ICH-66 for yield maximization	There has been 16.91% increase in yield, 15ha spread in technology and 78 farmers benefited
3.	Demonstration of Red gram variety BRG-4	There has been 15.14% increase in yield, 80 ha spread in technology and 470 farmers benefited
4.	Demonstration of new Ragi variety KMR-630	There has been 19.44% increase in yield, 3300 ha spread in technology and 5420 farmers benefited
5.	Introduction of Cowpea in Paddy fallows for improvement of soil fertility	There has been 30.72% increase in yield, 22 ha spread in technology and 134 farmers benefited
6.	Introduction of improved Cardamom variety Njallani green gold for higher yield	There has been 12.12% increase in yield, 55 ha spread in technology and 356 farmers benefited
7.	Introduction of Dragon fruit cultivation for higher income	Technology spread in an area of 09 ha and 27 farmers benefited
8.	Mechanization in Potato cultivation	There has been 18% increase in yield, 1112 ha spread in technology and 2040 farmers benefited
9.	Integrated crop management in Drumstick -PKM -1	There has been 28% increase in yield, 21 ha spread in technology and 89 farmers benefited
10.	Integrated thrips management in Mulberry	There has been 15.27% increase in yield, 2030 ha spread in technology and 4030 farmers benefited

11.	Demonstration of composite Fish culture	There has been 28.5% increase in yield and 32 farmers benefited
12.	Management of South American leaf miner (*Tuta absoluta*) in Tomato	There has been 32.36% increase in yield, 230 ha spread in technology and 421 farmers benefited
13.	Integrated crop management in Black pepper	There has been 24.67% increase in yield, 350 ha spread in technology and 514 farmers benefited
	KVK- Chamarajanagara	
1.	Demonstration of Black gram variety LBG-791	The area spread in around 200 ha benefitting 500 farmers, increase in yield up to 15%
2.	Demonstration of Ragi variety KMR-630	The grain yield increased up to 18% and area increased around 180 ha
3.	Demonstration of Redgram variety BRG-3	Area spread in around 180 a increased in yield around 21%
4.	Demonstration of Chickpea variety BGD-103	Bold and farmers acceptance, increase in yield around 18%
5.	Demonstration of Drum Seeded Rice	Economical, cost of cultivation reduced but very difficult to manage the weeds
6.	STCR based nutrient management in irrigated Ragi	Increased in yield around 19%
7.	Sugarcane trash management	Decomposition takes place within 90 days, area spread in around 800 a
8.	Integrated crop management in Watermelon	Increased yield of around 24% and high price in the market
9.	Demonstration of short duration improved Turmeric variety IISR Pragathi	No. of days taken to maturity reduced, maturity within 180 days
10.	Integrated crop management in Tomato	The yield was increased up to 16% and reduced pest incidences
11.	Integrated management of pest and diseases in small onion	No. of sprays reduced from 9 to 5 sprays
12.	Integrated crop management in Cabbage	No. of sprays reduced from 11 to 6 sprays and yield increased up to 13%
13.	Integrated crop management in Banana (Yelakki)	Effective management of Panama wilt disease, disease reduced from 40 to 18%
14.	Integrated crop management in Field bean	Grain yield increased up to 19%
15.	Demonstration of IPM practices for management of leaf roller in Mulberry – 2nd year	No. of sprays reduced and leaf quality increased
16.	Demonstration of CSR - 2, FC-1 and FC-2 for seed cocoon production	Good quality cocoons 80 - 85 kg / 100 DFL

17.	Scaling up of improved silkworm hybrid FC-1 X FC-2	Good quality cocoons 80 - 85 kg / 100 DFL
18.	Demonstration on Samruddhi (JHA technology) for enhanced cocoon / silk production	Quality of leaves increased and good quality cocoons 80 - 85 kg / 100 DFL
2022-23		
	KVK- Bengaluru Rural District	
1.	Potassium management in maize through bio-K	Seed treatment with *Azospirillum* and PSB spread to an area of 5215 ha with the increase in yield by 8-10%
2.	Use of nano-urea and nano-zinc on growth, yield and quality of Maize	The adopted technology spread over an area of 7092 ha with an increased yield of 21-23%
3.	Demonstration of short duration Finger millet var. KMR-630 under double cropping system (Cowpea – Finger millet)	Double cropping system of Ragi spread over an area of 53100 ha with an increase in yield up to 16-18% with additional income
4.	Integrated nutrient management in Finger millet	The INM practices spread over an area of 5240 ha with increase in yield by 16-18%
5.	Demonstration of Foxtail millet Var. GPUF 3 for value addition	Spread over in an area of 20 ha with increased yield by 5-7%
6.	Integrated crop management in Red gram	ICM practices including seed treatment and eco-friendly management of pests spread over an area of 1220 ha with an increased in yield by 17%
7.	Integrated nutrient management in Pole bean	INM practices spread over an area of 610 ha with increase in yield by 23-26%
8.	Management of Yellow Mosaic Virus in Pole bean through integrated approach	Spread over an area of 595 ha with increase in yield by 12-13%
9.	Integrated pest and disease management in Tomato	IPDM practices in Tomato spread over an area of 1010 ha with increase in yield of 28-32%
10.	Eco-friendly management of pest and diseases in Cauliflower	Eco-friendly approaches spread over an area of 320 ha with increase in yield by 12-15%
11.	Management of mites & thrips in Capsicum under polyhouse	Adopted by 150 farmers with an area of 25 ha and increase in yield of 25-30% compared to crop grown in the open fields
12.	Bio-intensive management of pest and diseases in Rose	Spread over in an area of 560 ha with increased yield of 21%
13.	Ration balancing through integrated approach in dairy Animals	The technology adopted by 200 farmers resulted in increased milk yield of 8-10%
14.	Demonstration to prevent mastitis in HF cattle	The technology spread over to 280 farmers with increase in milk yield by 9-12%
15.	Probiotics for optimum post-weaning growth in lambs	The technology adopted by 110 farmers, increase in body weight of each sheep by 25-30%

16.	Demonstration of Genetically Improved Farmed Tilapia (GIFT) in farm ponds	GIFT *Tilapia* adopted by 400 farmers, the body weight of the fish increased by 100-200 gm
17.	Demonstration of multicut fodder sorghum COFS-31 for green fodder and silage	The variety spread over an area of 50 ha
18.	Demonstration of NARI Nirbeeja Subabul grafts for nutritious fodder	Spread over an area of 42-45 ha
19.	Demonstration of compost culture for quality compost production using Seri farm residue	The technology spread over to 250 farmers with more than 300 bio-compost pits with an average production 2 q / unit
	KVK- Chikkaballapura	
1.	Demonstration of Field bean variety HA-5	Field bean variety HA-5 with biofertilizer seed treatment, INM & IPM practices spread to ~420 ha covering 560 farmers, resulting in 12.5% yield increase (25.0 q/ha over 21.62 q/ha check)
2.	Demonstration of blast resistant finger millet variety KMR-316	KMR-316 adoption with line sowing, biofertilizers and INM spread to ~1,150 ha covering 1,580 farmers, recording 25.12 q/ha yield and ~10–12% yield increase with blast tolerance
3.	Integrated crop management in Maize	Nano-fertilizer-based ICM practices spread to ~1,240 ha covering 1,640 farmers, resulting in 15.38% grain yield increase over farmers' practice
4.	Demonstration of multicut fodder Sorghum COFS-31	COFS-31 fodder variety adopted in ~780 ha covering 960 farmers, producing 30.5 t/ha green fodder, with 25–30% higher fodder yield
5.	Demonstration of Red gram variety BRG-3	Wilt-resistant Red gram BRG-3 spread to ~520 ha covering 680 farmers, yielding 15.6 q/ha, which is 14.4% higher than check (13.35 q/ha)
6.	Demonstration of IPM for leaf roller *Diaphania pulverulentalis* in Mulberry	IPM practices (Tricho cards, neem oil, shoot removal) adopted in ~480 ha covering 620 farmers, reducing leaf roller incidence by 39.09% and increasing leaf yield by 4.17%
7.	Demonstration of Rice bean as a new intercrop in Mulberry	Rice bean intercropping adopted in ~360 ha covering 480 farmers, increasing Mulberry leaf yield by 4.96% and generating ₹27,648.8/acre additional income
8.	Integrated crop management in Cucumber	ICM practices (biofertilizer-enriched FYM, boron, fruit fly traps) spread to ~620 ha covering 780 farmers, resulting in 30.76% yield increase
9.	Recycling of seri bed refuse with waste decomposer consortia for quality compost production	Seri-waste composting technology adopted by ~410 farmers, covering ~380 ha, producing quality compost within 88 days and reducing fertilizer cost by 20–25%
10.	Integrated crop management in Onion	ICM practices spread to ~540 ha covering 690 farmers, improving storage life by 25.45% and increasing bulb yield by 12.86%

11.	Integrated crop management in Tomato	Fertigation + Arka microbial consortia + IPM adopted in ~320 ha covering 410 farmers, resulting in 15.23% yield increase and improved fruit quality
12.	Integrated crop management in Mango	Canopy management, mango special spray and fruit fly traps spread to ~640 ha covering 820 farmers, recording 14.55% yield increase and improved fruit quality
13.	Demonstration of nutri garden in farmers field and school	Nutri-gardens established in 414 units covering 640 households, ensuring year-round nutrition security and generating ₹7,500 additional income per family/year
	KVK- Bengaluru South	
1.	Demonstration of improved high yielding Horsegram variety CRHG-19	The technology has spread in 52 ha area covering 85 farmers producing additional yield of 46.8 q (10.20%)
2.	Demonstration of improved high yielding Groundnut variety Kadri Lepakshi (K-1812)	The technology has spread in 22 ha area covering 40 farmers producing additional yield of 39.6 q (13.0%)
3.	Management of nut splitting in Arecanut	There was 19.55% increase in Chali yield, 102 ha spread in technology and 155 farmers benefited
4.	Seri Suvarna method of trenching and mulching technology in Mulberry	Efficient utilisation of sericulture wastes. There was 11.55% increase in Mulberry leaf yield, 129 ha spread in technology and 156 farmers benefited
5.	Integrated crop management in Garden pea	There has been 5.6% increase in Mulberry leaf yield, 131 ha spread in technology and 159 farmers benefited
6.	Demonstration of nano-nitrogen and Zinc for higher productivity in Baby corn	There has been 5.68% increase in cob yield, 95 ha spread in technology and 102 farmers benefited
7.	Integrated pest management in Rice	The technology has spread over 68 ha area covering 155 farmers, producing an additional yield of 980 q (18.5%)
8.	Integrated pest management in Coconut	The technology has spread over 880 ha area covering 1320 farmers producing additional yield of 5250 t (8.69%)
9.	Integrated crop management in Tomato	The technlogy has spread in 48 ha area covering 128 farmers producing additional yield 12288 q (16.46%)
10.	Demonstration of French bean var 'Arka Arjun'	The technology has spread in 62 ha area covering 168 farmers producing additional yield of 3091 q (22.10%)
11.	Demonstration of Crossandra var 'Arka chenna'	The technology has spread in 2 ha area covering 36 farmers producing additional yiled of 78 q (13.20%)
12.	Integrated crop management in Betel vine	The technology has spread in 32 ha area covering 125 farmers producing additional yield of 750 lakh leaves (22%)
13.	Demonstration of Foxtail millet for production, processing and value addition	Area spread of 10 ha covering 5 farmers,% yield increase of 15.4%
14.	Demonstration of Azolla for	20 farmers adopted with an area of 0.25 ha, yield increase of 3.5%

	quality milk production in Cows	
15.	Demonstration of Tilapia Fish for additional returns	There has been 3.4% increase in yield, BCR-3.64, 50 farmers adopted
16.	Nutritional approaches to enhance the productivity in Goat	There has been 26.48% increase in body weight, BCR-1.21, 50 farmers adopted
17.	Demonstration of AI using sexed semen of HF for economic security	The success rate was 35%, the technology has been widely spread through Animal husbandry department to more than 3000 farmers
18.	ICM in Redgram	The technology has spread to 320 ha area covering 720 farmers producing additional yield of 1440 q (40.23%)
19.	Nutrition security of farm families through nutrition garden	Income increase of 13.4%, improvement in 30% health of families, B:C R 1.5
20.	Mango: Safe ripening, branding and marketing	14% increase in income, B:C R 1.5, 3 farmers adopted
	KVK- Tumakuru	
1.	Demonstration of Finger millet variety KMR - 630	High yield was recorded from Arka gagan (235.5 q/ha). Low incidence of bacterial wilt and leaf curling virus was found in Arka gagan. This technology has been spread in 29 ha and 76 farmers have been benefited. There has been 31.03% increase in finger millet yield, 68 ha spread in technology and 176 farmers benefited
2.	Demonstration of Arka Actino Plus on growth and yield of Brinjal	Actino plus reduced the disease incidence, improved the fruit quality and gave 30.70% yield over FP. Drenching with (TO2) *Aspergillus niger* + pseudomonas + VAM reduced the disease incidence, improved the fruit quality and given 23.71% yield over FP. There was 4% spread in technology, 26.16% increase in yield, 32 ha spread in technology and 81 farmers benefited
3.	Inter-cropping of Hebbal Avare-4 (HA-4) in Younger Arecanut Gardens	Arecanut garden improves soil fertility and moisture status and improved yield (23.50 q/ha), 32 ha spread in technology and 86 farmers benefited
4.	Integrated crop management in Tomato	There has been 28.24% increase in yield, 32 ha spread in technology and 89 farmers benefited
5.	Integrated crop management in Chilli	There has been 26.54% increase in yield, 32 ha spread in technology and 71 farmers benefited
6.	Enhancement of productivity through nutrient management in Arecanut	There has been 24.73% increase in yield, 33 ha spread in technology and 86 farmers benefited
7.	Enhancement of productivity through ICM in Mango (var. Alphanso)	There has been 39.72% increase in yield, 34 ha spread in technology and 95 farmers benefited
8.	Integrated crop management in	There has been 19.74% increase in yield. 29 ha spread in technology

	Banana (var. puttabale)	and 76 farmers benefited
9.	Demonstration of Yellow Mosaic Virus Resistant Black gram variety LBG-791	There has been 16.93% increase in yield, 27 ha spread in technology and 68 farmers benefited
10.	Management of Rugose Spiralling whitefly in Coconut	The intervention led to a reduction in Rugose Spiraling whitefly infestation in coconut, with technology dissemination covering 29 ha and benefiting 69 farmers
11.	Management of Spindle Bug and Bud Rot in younger Arecanut garden	Reduction of 33.33% of Spindle bug and Bud rot in younger Arecanut garden, 31 ha spread in technology and 69 farmers benefited
12.	Management of rhizome rot complex in Ginger	Using Ginger special, Copper Oxy Chloride and *Trichodarma* resulting in reduction of rot complex in Ginger, 22 ha spread in technology and 76 farmers benefited
13.	Demonstration of Foxtail millet Variety DHFT 109-3 and its value addition	There has been 22.32% increase in yield. 26 ha spread in technology and 74 farmers benefited
14.	Integrated approaches to combat Anaemia in dairy Cattle	Improvement in haemoglobin (RBC iron) levels led to a reduction in mortality rate from 30% to 0%, along with enhanced overall health and a 4% increase in milk yield, demonstrating effective spread of the technology
15.	Integrated approaches to Combat Anestrus in dairy Cattle	Hormonal therapy achieved a 100% conception rate compared to conventional farmers' practices, with a 4% adoption
16.	Demonstration of COFS-31 fodder crop as tntercrop in Coconut garden	The intervention resulted in a 25.9% increase in yield, with technology dissemination covering 29 ha and benefiting 76 farmers
17.	Nutrition security of farm families through nutrition garden	The introduction of nutrition gardens led to a 43.33% reduction in expenditure on vegetable purchases, with technology dissemination covering 29 ha and benefiting 79 farmers
18.	Processing and value addition of Banana as IGA	Banana value addition (30–40% incorporation into food products) contributed to improved immunity and overall health among children, with technology dissemination covering 21 ha and benefiting 68 farmers
	KVK-Mandya	
1.	Demonstration of new Paddy variety MSN-99	The yield increased up to 21.5% as compared to the farmers practise and the grain being fine in quality the area has spread to 449 ha covering 183 farmers and 5051 q of additional yield
2.	Demonstration of new Paddy variety RNR-15048	The yield increased up to 19.81% as compared to the farmers practise and the grain being fine in quality the area has spread to 1312 ha contributing to 13513 q of additional yield in the district with 1256 farmer beneficiaries
3.	Introduction of new Ragi variety - KMR 301	The yield increased up to 24.6% as compared to the farmers practise and the area has spread to 892 ha contributing to 5530 q of additional yield in the district with 978 farmer beneficiaries

4.	STCR based nutrient management in Ragi	The yield increased up to 25.98% as compared to the farmers practise and the area has spread to 892 ha contributing to 5530 q of additional yield in the district with 978 farmer beneficiaries
5.	Integrated pest management in Baby corn	The yield increased up to 10.89% as compared to the farmers practise and the area has spread to 52 ha contributing to 728 q of additional yield in the district with 94 farmer beneficiaries
6.	Integrated crop management in Field bean	The yield increased up to 34.86% as compared to the farmers practise and the area has spread to 231 ha contributing to 612.15 q of additional yield in the district with 569 farmer beneficiaries
7.	Response of Black gram to sulphur application in sulphur deficient soils	The yield increased up to 29.3% as compared to the farmers practise and the area has spread to 118 ha contributing to 224.2 q of additional yield in the district with 210 farmer beneficiaries
8.	*In situ* trash management in Sugarcane using microbial consortium	The yield increased up to 29.8% as compared to the farmers practise and the area has spread to 218 ha contributing to 6626 q of additional yield in the district with 523 farmer beneficiaries
9.	Integrated crop management in Cucumber	The yield increased up to 17.5% as compared to the farmers practise and the area has spread to 1018 ha contributing to 2850.4 q of additional yield in the district with 3860 farmer beneficiaries
10.	Integrated approach for Yellow Mosaic Virus management in yard Long bean	The yield increased up to 12.22% as compared to the farmers practise and the area has spread to 48 ha contributing to 1680 q of additional yield in the district with 238 farmer beneficiaries
11.	Integrated crop management in Chilli	The yield increased up to 18.66% as compared to the farmers practise and the area has spread to 106 ha contributing to 4452 q of additional yield in the district with 498 farmer beneficiaries
12.	Introduction of bush type Dolichos bean var. Arka Sambhram	The yield increased up to 41% as compared to the farmers practise, the incidence of pod borer has reduced from 59% to 8% and the area has spread to 30 ha contributing to 1575 q of additional yield in the district with 68 farmer beneficiaries
13.	Integrated pests and diseases management of Chrysanthemum	The yield increased up to 35% as compared to the farmers practise and the area has spread to 826 ha contributing to 31057 q of additional yield in the district with 3842 farmer beneficiaries
14.	Demonstration of improved silkworm double hybrid FC-1 X FC-2	The yield increased up to 15.52% as compared to the farmers practise and the area has spread to 118 ha contributing to 224.2 q of additional yield in the district with 210 farmer beneficiaries
15.	Biological management of leaf roller in Mulberry	The yield increased up to 5.18% as compared to the farmers practise and the area has spread to 172 ha contributing to an additional yield of 789 q/crop with 389 beneficiaries
16.	Integrated management of uzi fly in silkworm rearing	The yield increased up to 9.70%, decreasing damaged cocoons accounting to 6.17% as compared to 15.33% in the farmers practise and the area has spread to 1439 ha
17.	Demonstration of Seri Suvarna (UAS,B) method in Mulberry cultivation	The yield increased up to 13.5% as compared to the farmers practise and the area has spread to 1300 ha contributing to 16965 q of additional yield in the district with 3120 farmer beneficiaries

18.	Demonstration on quality compost production from seri farm residue using waste decomposer consortia	The yield of compost has increased to 12.87% with almost 4 cycles of composting per year and 6195 q of compost yield generated as 242 farmers practising the composting technique
	KVK- Hassan	
1.	Demonstration of Paddy variety RNR 15048 for higher productivity	Improved variety RNR-15048 have been spread in an area of 2770 ha with an increasing yield of 12.22% and benefiting 5930 farmers
2.	Demonstration of Field bean as intercrop in coconut orchard to improve soil fertility	There has been 19.76% increase in profit and spread in an area of 47 ha and 210 farmers benefited
3.	Demonstration of Dolichos bean Arka Sambhram for higher productivity	The technology has spread in an area of 47 ha with an increasing yield of 18.6% & benefiting 160 farmers
4.	Demonstration of Chilli hybrid Arka Harita for higher pungency	The technology has spread in an area of 35 ha with an increasing yield of 13.36% & benefiting 119 farmers
5.	Demonstration of composite Fish Culture	There has been 28.5% increase in yield and 32 farmers benefited
6.	Demonstration on integrated health management in Sheep	The technology has increased the body weight by 24.57% & benefiting 110 farmers
7.	Demonstration of improved Niger variety for higher productivity	There has been 15.04% increase in yield, 21ha spread in technology and 91 farmers benefited
8.	Introduction of improved Cardamom variety Njallani green gold for higher yield	There has been 12.12% increase in yield, 55 ha spread in technology and 356 farmers benefited
9.	Integrated thrips management in Mulberry	There has been 15.27% increase in yield, 2030 ha spread in technology and 4030 farmers benefited
10.	Integrated Pest Management of Fall army worm in Maize	There has been 23.66% increase in yield, 5412 ha spread in technology and 8759 farmers benefited
	KVK- Chamarajanagara	
1.	Demonstration of application of sulphur nutrition in Black gram	Good quality bold seeds
2.	Demonstration of nano-urea fertilizer application in Maize for enhancing growth and yield	Yield increased up to 14%
3.	Integrated crop management in Castor	Yield increased up to 12%
4.	Demonstration of organic cultivation in Turmeric	Yield stabilised and high-quality produce
5.	Demonstration of potato cv. Kufri Himalini for higher yield	Yield increased up to 17%

6.	Introduction of Rotary Montages for quality cocoon production	Uniform maturity of cocoons and reduction in labour
7.	Demonstration of Drum Seeded Rice	Area increased up to 365 ha
8.	Demonstration of Red gram variety BRG-3	Area increased up to 80 ha
9.	Demonstration of Chickpea variety BGD-103	Area increased up to 225 ha
10.	Integrated nutrient management in Ragi	Yield increased up to 12.5%
11.	Sugarcane trash management	In collaboration with Bannari amman Sugar factory, area increased to 1250 ha
12.	Demonstration of short duration improved Turmeric variety IISR Pragathi for higher yield and income	Area increased up to 150 a
13.	Integrated crop management in Tomato	Yield increased up to 16%
14.	Bio-intensive pest and disease management in Cabbage	No. of sprays reduced from 11 to 06
15.	Integrated management of pest and diseases in small Onion	No. of sprays reduced from 09 to 05
2023-24		
KVK- Bengaluru Rural District		
1.	Demonstration of bio–K as a potassium source in Maize	Seed treatment with Azospirillum and PSB spread to an area of 5500 ha with the increase in yield by 8-10%
2.	Integrated crop management in Finger millet	The technology was disseminated across 52,000 ha, leading to a 22% increase in yield
3.	Demonstration of Foxtail millet Var. GPUF 3 for value addition	The introduced Foxtail millet variety recorded a 13% higher yield compared to the farmers' variety. The millet seeds are presently being utilized by self-help groups (SHGs) and farmer producer organizations (FPOs) for the production of value-added products
4.	Integrated crop management in Redgram	ICM practices including seed treatment and eco-friendly management of pests spread over an area of 1280 ha with an increased in yield by 17.33%
5.	Introduction of Field bean (HA-5)	The variety was disseminated across 650 ha, leading to a 15.9% increase in yield
6.	Integrated crop management in Bengal gram	The introduced variety 'Super Annigeri' was disseminated across 40 ha, leading to a 24.2% increase in yield compared to farmers' practices
7.	Eco-friendly management of pest and disease in Pole bean	Spread over an area of 610 ha with increase in yield by 12-13% through eco-friendly management

8.	Eco-friendly management of pest and diseases in Tomato	IPDM practices in Tomato spread over an area of 1010 ha with increase in yield of 28 - 32%
9.	Eco-friendly management of Brinjal shoot and Fruit borer	The technology spread over an area of 200 ha and yield increased by 12-13%
10.	Integrated management of Diamond Back Moth in Cauliflower	The technology spread over an area of 160 ha and yield increased by 14-15%
11.	Integrated management of Chilli Leaf curl virus	The technology spread over an area of 200 ha and yield increased by 13-14%
12.	Bio-intensive management of pest and diseases in Rose	The bio-intensive management of pest and diseases technology spread over an area of 750 ha and yield increased by 20-21% with an additional income of 31.87%
13.	Integrated pest and disease management in Chrysanthemum	The technology spread over an area of 1350 haand yield increased by 15.30%
14.	Demonstration of micronutrients and growth regulators for higher yield and quality in Chrysanthemum	Application of micronutrients and growth regulators was spread over 300 ha, resulting in a 17.26% increase in yield and an additional income of 31.23%
15.	Pro-biotics for optimum post-weaning growth in lambs	The technology, adopted by 140 farmers, resulted in a 25–30% increase in the body weight of individual sheep
16.	Waste decomposer for quality compost from Seri farm residue	The technology spread over to 275 farmers with more than 300 bio-compost pits with an average production 2 - 2.5 q / unit
	KVK- Chikkaballapura	
1.	Demonstration of Maize hybrid MAH-14-138	Hybrid maize technology was spread over 420 ha, covering 560 farmers, resulting in a 12–15% increase in grain yield over local hybrids.
2.	Demonstration of Field bean variety HA-5	Variety and INM–IPM practices spread to 310 ha covering 420 farmers, recording 12–14% yield increase
3.	Demonstration of blast resistant Finger millet variety KMR-316	Blast-resistant ragi variety spread to 480 ha covering 640 farmers, achieving 10–12% yield increase with reduced lodging
4.	Eco-friendly management of pest and diseases in Tomato	IPDM practices adopted in 260 ha covering 340 farmers, resulting in 15–18% increase in marketable yield
5.	Bio-intensive management of pest and diseases in Rose	Eco-friendly practices spread to 95 ha covering 120 farmers, improving flower yield and quality by 12–15%
6.	Eco-friendly management of pest and diseases in Chrysanthemum	Technologies adopted in 110 ha covering 140 farmers, resulting in 10–12% yield improvement and reduced pesticide use
7.	Demonstration of Integrated Pest Management in Mulberry	IPM practices spread to 540 ha covering 720 farmers, reducing pest incidence by 30–35% and increasing leaf yield by 4–6%
8.	Demonstration of Integrated Pest and Disease Management in Mango	IPDM practices adopted in 380 ha covering 510 farmers, improving fruit yield and quality by 12–15%

9.	Demonstration of Integrated Management of Downey mildew and fruit fly in Cucumber	IPDM practices spread to 210 ha covering 280 farmers, resulting in 18–22% yield increase
10.	Demonstration of integrated management of Fall army worm in Maize	FAW management practices spread to 460 ha covering 610 farmers, protecting yield with 10–12% gain
11.	Demonstration of liquid microbial consortia on quality and yield of mulberry	Bio-fertilizer technology adopted in 490 ha covering 660 farmers, improving leaf yield by 8–10%
12.	Demonstration of bio–K as potassium source in Maize	Bio-K technology spread to 340 ha covering 460 farmers, resulting in 6–8% yield increase and reduced fertilizer cost
13.	Integrated Crop Management in Onion	ICM practices adopted in 300 ha covering 390 farmers, increasing bulb yield by 12–14% and storage life
14.	Demonstration of intercropping of Redgram with Finger millet	Intercropping system spread to 270 ha covering 360 farmers, increasing system productivity by 15–18%
15.	Recycling of Seri bed refuse with waste decomposer consortia for quality compost production	Composting technology adopted by 240 farmers covering 220 ha, reducing fertilizer cost by 20–25%
16.	Demonstration of intercropping of Groundnut with Redgram	Cropping system spread to 260 ha covering 350 farmers, improving income stability and yield by 12–15%
17.	Demonstration of intercropping of redgram with Field bean	Pulse–pulse system adopted in 230 ha covering 310 farmers, enhancing productivity by 10–12%
18.	Demonstration of nutri-garden in farmers field	Nutri-gardens established in 320 units, benefiting 480 households, improving household nutrition and saving food expenditure
KVK- Bengaluru South		
1.	Demonstration of improved high yielding Cowpea variety: KBC-11	The technology has spread in 22 ha area covering 45 farmers producing additional yield of 28 q (12.5%)
2.	Demonstration of high yielding Field bean (variety HA-5) for additional returns under rainfed conditions	The technology has spread in 152 ha area covering 325 farmers producing additional yield of 562.4 q (16.5%)
3.	Demonstration of improved medium duration Finger millet variety: ML-322 for late kharif	The technology has spread in 72 ha area covering 112 farmers producing additional yield of 172.8 q (8.6%)
4.	Demonstration on eco-friendly management of Fruit Flies in Ridge gourd	The technology has spread in 35 ha area covering 55 farmers producing additional yield of 47.25 t (6.49%)
5.	Demonstration on eco-friendly Management of pest and disease in Rice	The technology has spread in 148 ha area covering 340 farmers producing additional yield of 2160 q (24.06%)

6.	Demonstration on eco-friendly management of pests in Mulberry	The technology has spread in 1800 ha area covering 688 farmers producing additional yield of 9090 t/ha/year (11.97%)
7.	Demonstrations of Yard long bean var. Arka Mangala	The technology has spread in 26 ha area covering 89 farmers producing additional yield of 3560 q (20.32%)
8.	Demonstration of China aster var. Arka Archana	The technology has spread in 32 ha area covering 95 farmers producing additional yield of 69.35 q (18%)
9.	Integrated Crop Management in Tomato	The technology has spread in 94 ha area covering 247 farmers producing additional yield of 28652 q (20.09%)
10.	Intercropping of French bean in Coconut garden	The technology has spread in 1225 ha covering 3826 farmers producing additional yield of 13.54 lakh nuts (12.18%)
11.	Demonstration of composite Fish Culture for additional returns	There is 24.10% increase in additional returns from composite fish farming, BCR: 2.6, more than 50 farmers adopted
12.	Demonstration of Little millet for production, processing and value addition	There is 15.73% increase is yield, BCR-2.37, the technology has n spread to 50 ha, 60 farmers
13.	Demonstration of biofortified Finger millet variety CMFV 1 (Indravathi)	5.49% increase in yield, BCR 2.37, area 20 ha, 30 farmers
14.	Demonstration of improved hand weeder for timely weeding operation and drudgery reduction	0.05 ha area, 2 persons implemented, BCR 1.47
15.	Demonstration of terrace gardening in KVK premises	A terrace garden of 200 sq. ft. was established as one demonstration unit for nutrition education
16.	Nutrition security of farm families through nutrition garden	Nutri-gardens with an area of 0.2 ha area, benefiting 20 farmers, improving household nutrition and saving food expenditure
	KVK- Tumakuru	
1.	Demonstration of Cowpea variety KBC-9 as on intercrop in Coconut garden	There was 32.50% increase in yield, 29 ha spread in technology and 76 farmers benefited
2.	Demonstration of Paddy variety RNR 15048 for higher productivity	There has been 20% increase in Paddy yield, 77 ha spread in technology and 152 farmers benefited
3.	Demonstration of Inter - cropping of Hebbal Avare (HA-5) in younger Arecanut gardens	The Hebbal Avare variety recorded a yield of 27.20 q/ha, leading to increased income, reduced weed infestation, and improved soil fertility in arecanut gardens. The technology was disseminated across 34 ha, benefiting 92 farmers
4.	Demonstration of Finger millet var. KMR – 316 under double cropping system (Cowpea - Finger millet)	There was a 37.10% increase in Finger millet yield, with the technology spread over 69 ha, benefiting 124 farmers

5.	Demonstration of Redgram (BRG-3) + Foxtail millet (DHFT-109-3) under rainfed situation	There was a 36.61% increase in yield, with technology spread over 71 ha, benefiting 134 farmers There was a 22.72% increase in yield, with the technology spread over 32 ha, benefiting 89 farmers
6.	Demonstration of integrated crop management in Arka Gagan green Chilli	There has been 22.72% increase in yield. 32 ha spread in technology and 89 farmers benefited
7.	Demonstration of ICM in Mango (var. Alphanso) for enhancing productivity	The intervention resulted in a 57.18% increase in yield, with technology dissemination covering 32 ha and benefiting 83 farmers
8.	Demonstration of integrated crop management in Banana (var. Yelakki)	There was a 17.74% increase in yield, with the technology spread over 28 ha, benefiting 74 farmers benefited
9.	Demonstration on management of Spindle Bug in Younger Arecanut Garden	The intervention resulted in an 82% reduction in spindle bug incidence and bud rot in young arecanut gardens, with technology dissemination covering 22 ha and benefiting 76 farmers
10.	Demonstration on management of inflorescence die back in Arecanut	An 80% reduction in inflorescence dieback in arecanut was achieved, with the technology spread over 20 ha, benefiting 66 farmers
11.	Demonstration on management of Rugose Spiraling whitefly in coconut	The intervention resulted in a 73.5% reduction in rugose spiraling whitefly infestation in coconut, with technology dissemination covering 38 ha and benefiting 99 farmers
12.	Demonstration on management of rhizome rot complex in Ginger	There was 80.67% increase in yield, with the technology spread over 29 ha, benefiting 76 farmers
13.	Demonstration of composite fish culture	Composite fish culture resulted in an additional income of Rs. 56,700, with a 35% spread of the technology, benefiting 199 farmers
14.	Demonstration of Foxtail millet variety GPUF – 3 and its value addition, processing and marketing	There was 26.84% increase in yield, with the technology spread over 30 ha, benefiting 85 farmers
15.	Integrated crop management in Redgram (NFSM)	There was 31.41% increase in yield, with the technology spread over 34 ha, benefiting 91 farmers
16.	Integrated crop management in castor (NMOOP)	There was 13.60% increase in yield, with the technology spread over 29 ha, benefiting 92 farmers
17.	Demonstration of composting methodology for areca husk	Areca husk was fully composted within six months and found to be richer in nutrients compared to FYM. The technology achieved 30% dissemination, benefiting 76 farmers
18.	Management of dairy animals during summer	There was 55.55% increase in daily milk yield, with 20% spread of the technology, benefiting 85 farmers
19.	Nutrition security of farm families through nutrition garden	Introduction of nutrition gardens resulted in 38.88% savings on vegetable purchases, with the technology spread over 30 ha, benefiting 89 farmers

KVK- Mandya		
1.	Demonstration of mechanised transplanting of Paddy	The yield increased up to 10.40% as compared to the conventional practise and the area has spread to 128 ha contributing to 729.6 q of additional yield in the district with a cost saving up to Rs. 480000 . to the district farmers with the beneficiary of 289 farmers
2.	Integrated pest and disease Management in Paddy	The yield increased up to 18.85% as compared to the farmers practise and the area has spread to 1030 ha contributing to 10104 q of additional yield in the district with 2431 farmer beneficiary
3.	Demonstration of new Maize hybrid MAH-14-138	The yield increased up to 12.01% as compared to the farmers practise, at the time of harvest the plants remains green, thus suitable for fodder and the area has spread to 308 ha contributing to an additional yield of 2469 q with 692 beneficiaries
4.	Demonstration on bio-fortified Maize hybrid for value addition (HQPM-1)	The yield increased up to 12.01% as compared to the farmers practise and the grains being better utilized for value addition and the area has spread to 12 ha contributing to an additional yield of 27.6 q with 30 beneficiary and an additional income of Rs. 25000 with value addition per farmer
5.	STCR based nutrient management in Ragi	The yield increased up to 27.87% as compared to the farmers practise and the area has spread to 69 ha contributing to 642.39 q of additional yield in the district with 184 farmer beneficiaries
6.	Demonstration of white Finger millet for value addition	The yield increased up to 32.22% as compared to the farmers practise and the area has spread to 210 ha contributing to 2282.7 q of additional yield in the district with 521 farmer beneficiaries
7.	Demonstration of new high yielding Field bean variety HA-5	The yield increased up to 18.42% as compared to the farmers practise and the area has spread to 50 ha contributing to 210 q of additional yield in the district with 124 farmer beneficiaries
8.	Demonstration of intercropping in Sugarcane	The yield of French bean was 15.4 q covering an area of 320 ha contributing to 4928 q of intercrop yield with an additional income of Rs. 30800/farmer and also improving the soil fertility
9.	Insitu trash management in Sugarcane using microbial consortium	The yield increased up to 23.86% as compared to the farmers practise and the area has spread to 243 ha contributing to 7241 q of additional yield in the district with 680 farmer beneficiaries
10.	Integrated crop management in Capsicum	The yield increased up to 32.67% as compared to the farmers practise and the area has spread to 79 ha contributing to 6465.6 q of additional yield in the district with 408 farmer beneficiaries
11.	Demonstration of Tomato hybrid Arka Abhed	The yield increased up to 16.96% as compared to the farmers practise and the area has spread to 48 ha contributing to an additional yield of 4560 q with 258 beneficiaries
12.	Eco-friendly management of Brinjal fruit and shoot borer	The yield increased up to 4.34% as compared to the farmers practise, the percent incidence of borer as reduced from 22.34 to 5.87% and the area has spread to 106 ha contributing to an additional yield of 2491 q with 545 beneficiaries
13.	Integrated approach for yellow mosaic management in Pole	The yield increased up to 23.5% as compared to the farmers practise, the yellow mosaic virus incidence has reduced from 25 to 4.31% and

	bean	the area has spread to 60 ha contributing to an additional yield of 2400 q with 287 beneficiaries
14.	Intercropping of French bean in Young Coconut garden	The yield of French bean has recorded 16.57 q covering an area of 30 ha contributing to 429 q of intercrop yield with an additional income of Rs. 28600/ farmer and also improving the soil fertility
15.	Integrated pest and disease management in Chrysanthemum	The yield increased up to 20.96% as compared to the farmers practise and the area has spread to 1082 ha contributing to an additional yield of 29755 q with 2705 beneficiaries
16.	Demonstration of integrated nutrient management in Banana	The yield increased up to 24% as compared to the farmers practise and the area has spread to 249 ha contributing to an additional yield of 18924 q with 617 beneficiaries
17.	Demonstration of improved silkworm double hybrid FC-1 X FC-2	The yield increased up to 7.2% as compared to the farmers practise with an increasing yield of 7 kg/100 DFLs and the technology has spread to 367 farmers in the district producing an additional yield of 2569 kgs of cocoon yield
18.	Demonstration on quality compost production from seri farm residue using waste decomposer consortia	The yield of compost has increase to 18.93% with almost 4 cycles of composting per year and 6952 q of compost yield generated as 316 farmers practising the composting technique
	KVK- Hassan	
1.	Demonstration of improved Niger variety KBN-2 for higher productivity	There has been 15.04% increase in yield, 21ha spread in technology and 91 farmers benefited
2.	Demonstration of improved Ragi variety KMR-316 for higher productivity	There has been 5.66% increase in yield, 1200 ha spread in technology and 2230 farmers benefited
3.	Demonstration of Field bean variety HA-5 for higher yield	There has been 11.65% increase in yield, 50 ha spread in technology and 110 farmers benefited
4.	Demonstration on Integrated Nutrient Management in Banana for higher yield	There has been 6.77% increase in yield, 30 ha spread in technology and 83 farmers benefited
5.	Demonstration of Paddy variety RNR 15048 for higher productivity	Improved variety RNR-15048 have been spread in an area of 2770 ha with an increasing yield of 12.22% and benefiting 5930 farmers
6.	Demonstration of Cardamom hybrid Appangala-2 for higher yield	There has been 10.81% increase in yield, 18 ha spread in technology and 66 farmers benefited
7.	Demonstration of Rose variety Arka Parimala for profit maximization	There has been 7.21% increase in yield, 5 ha spread in technology and 11 farmers benefited
8.	Demonstration of brinjal variety Arka Avinash for fruit quality and profit maximization	There has been 8.29% increase in yield, 33 ha spread in technology and 90 farmers benefited

9.	Demonstration of seed tuber production through apical rooted potato saplings (ARC) for profit maximization	ARC potato technology has spread in area of 4400 ha and produced 5,280 t of seeds benefiting of 8819 farmers
10.	Integrated pest and disease management in Chilli	There has been 27.40% increase in yield, 41 ha spread in technology and 86 farmers benefited
11.	Management of South American leaf miner (Tuta absoluta) in Tomato	There has been 32.36% increase in yield, 230 ha spread in technology and 421 farmers benefited
12.	Integrated thrips management in Mulberry	There has been 15.27% increase in yield, 2030 ha spread in technology and 4030 farmers benefited
13.	Demonstration of Coconut de-husking machine for reduction of time and operational cost	Five farmers purchased a technology
14.	Demonstration of Potato digger machine for increasing the efficiency of harvesting	There has been 18% increase in yield, 1112 ha spread in technology and 2040 farmers benefited
15.	Demonstration of Composite Fish Culture	There has been 28.5% increase in yield and 32 farmers benefited
KVK-Chamarajanagara		
1.	Demonstration of Hybrid Napier (PBN 342) fodder	Area spread in 65 - 70 a
2.	Demonstration of improved Horsegram variety- CRHG-19	Area spread in 300 a
3.	Demonstration of Maize hybrid - MAH 14-138	Area spread in and around 200 a
4.	Demonstration of Castor hybrid -ICH 66	Area spread in and around 120 a
5.	Demonstration of effect of foliar nutrition in Bt Cotton	Yield increased up to 12%
6.	Demonstration of improved turmeric variety IISR Prathibha for higher yield and income	Area increased to 750 ha
2024-25		
KVK- Bengaluru Rural District		
1.	Introduction of Finger millet var. ML-322 for late kharif season	The newly introduced variety exhibited resistance to blast and lodging. The technology was disseminated across 50 ha, leading to a 15.6% increase in yield
2.	Demonstration of bio fortified Finger millet variety CFMV 1 Indravathi for value addition	The new variety was spread over an area of about 10 ha, resulting in an 11.69% increase in yield
3.	Improved production technologies in Castor	Introduction of Hyb. ICH-66 and improved cultivation practices increased the yield by 23.1% and spread over an area of 10-15 ha

4.	Demonstration of climate resilient practices in Pigeonpea	Introduction of wilt and sterile mosaic resistant variety BRG-3 increased the yield by 18.16% and spread over an area of 520 ha
5.	Demonstration of crop regulation through bahar treatment along with pest and disease management in Pomegranate	The technology spread over an area of 370 ha and increased yield by 14.03%
6.	Demonstration of balanced nutrition in Marigold for higher yield & quality	The technology spread over an area of 245 ha and increased yield by 20.67%
7.	Demonstration of micronutrients and growth regulators for higher yield and quality in Chrysanthemum	Application of micronutrients and growth regulators was spread over an area of 320 ha, resulting in a 14.64% increase in yield
8.	Bio-intensive management of pest and diseases in Rose	The bio-intensive management of pests and disease technology spread over an area of 810 ha and yield increased by 25.32%
9.	Demonstration of high yielding Tuberose hybrid – Arka Prajwal	The new hybrid and associated technology were spread over an area of 200 ha, resulting in a 25.32% increase in yield
10.	Eco-friendly Management of Pest and Disease in Pole bean	Spread over an area of 625 ha with increased in yield by 12-13% by eco-friendly management
11.	Dolichos bean as an intercrop in young arecanut gardens	Growing dolichos bean in young arecanut gardens generated an additional income of Rs. 1,40,000 per ha. The technology was spread over 475 ha, providing additional income to farmers
12.	Integrated nutrient management in Knol khol	Spread over an area of 110 ha and yield increased by 16.27%
13.	Demonstration of genetically improved farmed tilapia (GIFT) in farm ponds	GIFT tilapia was adopted by 450 farmers, resulting in an increase in fish body weight by 100–200 g
	KVK- Chikkaballapura	
1.	Demonstration of liquid microbial consortia on quality and yield of Mulberry	Technology spread to 320 ha covering 420 farmers, resulting in 12–15% increase in mulberry leaf yield and improved leaf quality
2.	Demonstration on management of root knot nematode in Mulberry	Adopted in 280 ha by 360 farmers, reducing nematode incidence by 25–30% and increasing leaf yield by 10–12%
3.	Demonstration of integrated pest management in Mulberry	IPM practices spread over 410 ha covering 540 farmers, resulting in 20–25% reduction in pest incidence and 12–15% yield increase
4.	Recycling of seri bed refuse with waste decomposer consortia for quality compost production	Composting technology adopted by 390 farmers, covering 350 ha, reducing fertilizer cost by 20–25%
5.	Demonstration of alternate source for potassium in Maize	Technology spread to 460 ha covering 610 farmers, recording 8–12% grain yield increase

6.	Demonstration of integrated management of fall army worm in Maize	IPM spread over 520 ha covering 690 farmers, reducing FAW incidence by 30–35% and increasing yield by 10–12%
7.	Demonstration of improved Castor hybrid -ICH 66	Hybrid adopted in 180 ha by 240 farmers, achieving 18–22% yield increase
8.	Demonstration of Field bean variety HA-5	Variety spread to 260 ha covering 340 farmers, recording 15–20% yield increase
9.	Intercropping of Field bean in mango orchard	Intercropping was adopted across 190 ha by 250 farmers, improving land use efficiency and generating additional income
10.	Demonstration of short duration Finger millet variety KMR-316	The variety was spread over 640 ha, covering 890 farmers, achieving a 12–18% increase in yield
11.	Demonstration of integrated pest and disease management in Mango	Technology spread over 380 ha covering 510 farmers, reducing pest & disease incidence by 20–25%
12.	Integrated crop management in Dragon fruit	ICM adopted in 110 ha by 145 farmers, recording 15–20% yield improvement
13.	Demonstration of integrated wilt management in Pomegranate	Technology spread to 95 ha covering 125 farmers, reducing wilt incidence by 30–35%
14.	Demonstration of integrated management of tomato leaf curl virus	IDM practices adopted in 210 ha covering 290 farmers, reducing disease incidence by 40–45%
15.	Eco-friendly management of pest and diseases in Tomato	Adopted in 260 ha by 350 farmers, resulting in 20–25% yield increase
16.	Demonstration of integrated management of downey mildew & fruit fly in Cucumber	IPDM spread to 180 ha covering 240 farmers, achieving 18–22% yield increase
17.	Integrated crop management in Redgram BRG-3	Technology spread to 420 ha covering 560 farmers, recording 15–20% yield increase
18.	Demonstration of Broccoli crop for income maximization	High-value crop introduced in 75 ha covering 95 farmers, generating 25–30% higher income
19.	Bio-intensive management of pest and diseases in rose	Adopted in 130 ha by 180 farmers, reducing pest & disease incidence by 20–25%
20.	Eco-friendly management of pest and diseases in Chrysanthemum	Spread to 150 ha covering 210 farmers, improving flower yield & quality by 15–20%
21.	Demonstration of Foxtail millet var. GPUF-3 for value addition	Adopted by 180 farmers, increasing net income by 20–25%
22.	Demonstration of nutri-garden for year round nutrition security	210 nutri-gardens established, benefiting 310 households
23.	Entrepreneurship development through value addition in Tomato	Adopted by 65 SHGs / farmers, enhancing income by 25–30%

KVK- Bengaluru South		
1.	Demonstration of high yielding Field bean (variety HA-5) for additional returns	Technology was spread over 185 ha area covering 325 farmers resulting in additional yield of 962 q (18.3%)
2.	Demonstration of Dolichos bean var 'Arka Amogh'	Technology was spread over 6 ha, covering 52 farmers, resulting in an additional yield of 3,120 q (11.50%)
3.	Demonstration of improved medium duration Finger millet variety: ML322 for late kharif (NICRA- for delayed sowing)	Technology was spread over 102 ha, covering 225 farmers, resulting in an additional yield of 275.4 q (9.3%)
4.	Demonstration of biofortified Finger millet variety CMFV 1 (Indravathi)	Technology was implemented over 20 ha, resulting in a 1.94% increase in yield, with a BCR of 2.97, and adopted by 4 farmers
5.	Demonstration on eco-friendly management of fall armyworm in Fodder maize	Technology have been spread in 220 ha area covering 155 farmers producing additional yield of 2233 t/ha (45.92%)
6.	Demonstration of staggered sowing for good quality and higher market price of Baby corn	There was an 11.11% increase in cob yield, with the technology spread over 105 ha, benefiting 125 farmers
7.	Demonstration of Kodo millet as a climate resilient technology under rainfed alfisols of Bengaluru South	There was an 18% increase in yield, with a BCR of 1.29, and the technology was adopted by more than 50 farmers across 25 ha
8.	Demonstrations of Yard long bean var. Arka Mangala	Technology was spread over 32 ha, covering 135 farmers, resulting in an additional yield of 7,884 q (32.10%)
9.	Integrated crop management in Guava	Foliar spray of nutrients reduced bronzing by 27.78% and fruit fly infestation by 38.89%, while improving fruit quality and increasing yield by 41.2%. The technology was spread over 15 ha, benefiting 58 farmers
10.	Integrated disease management in Banana (cv. Yelakki)	The technology has spread in 79 ha area covering 253 farmers producing additional yield of 10120 q (21.56%)
11.	Demonstration on management of spindle bug in Arecanut	Technology has spread in 120 ha area covering 242 farmers reduction of spindle bug infestation (53.52%)
12.	Intercropping of French bean in coconut garden	The technology has spread in 1350 ha covering 4125 farmers producing additional yield of 16.80 lakh nuts (14.17%)
13.	Demonstration on eco-friendly management of pests in Mulberry	The Technology has been spread in 1720 ha area covering 625 farmers producing additional yield of 11610 t/ha/year (19.56%)
14.	Application of waste decomposer as liquid bio-fertilizer in Mulberry for better soil health and quality leaf yield	There was a 13.74% increase in Mulberry leaf yield, with the technology spread over 152 ha, benefiting 165 farmers

15.	Seri-suvarna technology for in-situ moisture conservation and plant nutrient availability in Mulberry	The efficient utilization of sericulture wastes led to a 25.42% increase in mulberry leaf yield, with technology dissemination covering 168 ha and benefiting 172 farmers
	KVK- Tumakuru	
1.	Demonstration of Paddy variety RNR 15048 for higher productivity	The T4 (SiA 3159) variety recorded a 32.07% higher yield compared to farmers' practice (FP), with technology dissemination covering 38 ha and benefiting 99 farmers
2.	Demonstration of leguminous fodder Cowpea MFC-09-3 as a inter crop in coconut orchard for enhancing milk yield	A single cut of Napier grass (farmers practice) recorded 120 t/ha but fodder Cowpea recorded 40 t/ha with a high B:C (2.39) and also milk yield (11 L)
3.	Demonstration of French bean var. Arkasharath in younger Arecanut gardens	Growing of French bean Variety Arka Sharath as an intercrop in young arecanut orchard helps to control the weeds along with enhancing soil fertility, high yield (17.69q/ha) and B:C (Rs. 2.77)
4.	Demonstration of bio-control method for management of aphids in Cowpea	Vegetative stage and pod formation stage no aphid infestation in both treatments
5.	Demonstration of ICM in Redgram	BRG-5 is an improved variety obtained high grain yield (36.66%) as compared to check by practing ICM along with Nipping
6.	Demonstration of new medium duration finger millet variety ML-322	The intervention resulted in a 36.66% increase in yield, with technology dissemination covering 37 ha and benefiting 95 farmers
7.	Arka fermented Coco Peat for production of quality vegetable seedlings	The seedlings which are grown by using enriched cocopeat recorded highest germination percentage (96.78), root length (8.40 cm), less incidence of disease (1.25%) and good growth and dark seedlings were noticed in the seedlings which are grown by using enriched cocopeat and consumer preference also high
8.	Demonstration of bio formulations for improving quality and management of diseases in Pomegranate	Application of Arka Microbial Consortium (AMC) in Pomegranate under FLD in Tumakuru district helped in effective management of major diseases, improved soil health, and enhanced fruit quality, resulting in 28% reduction in disease incidence, 14.25% higher yield, and a better B:C ratio of around Rs. 2.5–2.8 compared to farmers' practices
9.	Demonstration of Little millet Variety GPUL-6 and it's marketing	There was a 21.59% increase in yield with the technology spread over 39 ha, benefiting 97 farmers
10.	Demonstration of Coconut de-husking machine for efficient time and labour management	There was a 22.22% increase in yield with the technology spread over 27 ha benefiting 85 farmers
11.	Nutrition security of farm families through nutrition garden	Availability and consumption of fresh fruits and vegetables has increased with less expenditure of on an average requirement of Rs. 4100 per year
12.	Eco-friendly management of	The demonstration plot produced an average yield of about 51 kg in

	kitchen waste and its usage for home gardening	5 months, showing good performance compared to the check plot. There was a 100% increase in yield, indicating a significant improvement due to the demonstrated practices. The total cost was Rs.125 and total returns were Rs.560, giving a net return of Rs.335 with a benefit-cost ratio of 1.85
13.	EDP - Coconut: Value addition, branding and market linkage	Virgin coconut oil is a rich source of antioxidants and contains vitamins A and E. It also contains lauric acid, which helps protect the body against microbes and viruses. The technology achieved a 6% spread, benefiting 55 farmers
14.	Demonstration of Yellow Mosaic Virus tolerant black gram Variety LBG -791	There was a 18.00% increase in yield with the technology spread over 49 ha benefiting 197 farmers
15.	Demonstration on management of Spindle Bug in Younger Arecanut garden	Application of Thiomethoxam 75 SG @ 0.25 g/l will reduce the spindle bugs population and its damage in arecanut
16.	Management of female calves to attain early maturity	Age at sexual maturity has come down by 10 months compared to Check and got B:C ratio of 1.3 with more income and with scientific management of calf and use of calf starter and feeding milk, we have achieved conception of our heifer at good age and started earning income at early age
17.	Scientific management of Bucklings (Young male goats)	There was a 18.21% increase in yield with the technology spread over 39 ha benefiting 97 farmers
18.	Management of dairy animals in transition period	The intervention resulted in a 78.18% saving in time, with technology dissemination covering 28 ha and benefiting 59 farmers
19.	Popularization of NARI Nirbeeja grafts of Subabul for nutritious fodder	NARI Nirbeeja grafts of Subabul for nutritious fodder resulted in 30% higher green fodder yield, improved palatability and digestibility, and enhanced livestock productivity, with a better B:C ratio of around 2.50 compared to conventional fodder sources
20.	Demonstration of sheep wool shearing device for health and hygiene	Compared to manual shearing 66% of time has been saved with B: ratio of 1.60 and once summer season starts there will be lot of demand for the trained personnel of sheep shearing and operation can't be performed in time. Due to this machine we can shear our sheep with our own family members when ever time is available
21.	CFLD castor	The improved castor hybrid ICH-5 recorded higher seed yield of 14.25 q/ha as compare to the castor hybrid DCH-177 yield 12.45 q/ha
22.	CFLD Redgram	When compared to farmers practice, 21.07 percent higher yield has been recorded in demonstration (BRG-3)
	KVK- Mandya	
1.	Nutrient management in Paddy for yield enhancement under salt affected soils	The yield increased up to 24.94% as compared to the farmers practise and the area has spread to 148 ha contributing to 1237.2 q of additional yield in the district with 370 farmer beneficiaries
2.	Integrated pest and disease Management in Paddy	The yield increased up to 5.72% as compared to the farmers practise, decreasing in leaf folder incidence from 18.28 to 4.6 and no leaf

		blast incidence recorded in the demonstration the area has spread to 1341 ha contributing to 2950 q of additional yield in the district with 2946 farmer beneficiaries
3.	Demonstration of mechanised transplanting of Paddy	The yield increased up to 11.07% as compared to the conventional practise and the area has spread to 390 ha contributing to 2379 q of additional yield in the district with a cost saving up to of Rs. 5850000 to the district farmers with the beneficiary of 984 farmers
4.	Demonstration of new Maize hybrid MAH-14-138	The yield increased up to 11.37% as compared to the farmers practise at the time of harvest the plants remains green, thus suitable for fodder and the area has spread to 360 ha contributing to an additional yield of 2808 q with 895 beneficiaries
5.	Demonstration on cowpea for enhancing soil fertility in Paddy fallow	The yield of cowpea has recorded to 10.52 q covering an area of 220 ha contributing to 2314 q of cowpea after paddy with an additional income of Rs.42605/ farmer and also improving the soil fertility
6.	Demonstration of ICM in Black gram	The yield increased up to 41.1% as compared to the farmers practise and the area has spread to 180 ha contributing to an additional yield of 333 q with 443 beneficiaries
7.	Demonstration of new high yielding Field bean variety HA-5	The yield increased up to 17.44% as compared to the farmers practise and the area has spread to 85 ha contributing to 331.5 q of additional yield in the district with 198 farmer beneficiaries
8.	*In situ* trash management in Sugarcane using microbial consortium	The yield increased up to 28% as compared to the farmers practise and the area has spread to 2800 ha contributing to 82600 q of additional yield in the district with 3210 farmer beneficiaries
9.	Integrated Crop Management in tomato	The yield increased up to 10.87% as compared to the farmers practise and the area has spread to 263 ha contributing to an additional yield of 14728 q with 892 beneficiaries
10.	Eco-friendly management of Brinjal fruit and shoot borer	The yield increased up to 11.2% as compared to the farmers practise, the percent incidence of borer as reduced from 22.5 to 8.2% and the area has spread to 219 ha contributing to an additional yield of 15067 q with 739 beneficiaries
11.	Integrated crop management in Capsicum	The yield increased up to 28.1% as compared to the farmers practise and the area has spread to 94 ha contributing to 8648 q of additional yield in the district with 478 farmer beneficiaries
12.	Demonstration of Yard long bean var. Arka Mangala	The yield increased up to 22.4% as compared to the farmers practise and the area has spread to 79 ha contributing to 3634 q of additional yield in the district with 389 farmer beneficiaries
13.	Introduction of bush type Dolichos bean var. Arka Amogh	The yield increased up to 49% as compared to the farmers practise and the incidence of pod borer as reduced from 43% to 12% and the area has spread to 44 ha contributing to 2833 q of additional yield in the district with 125 farmer beneficiaries
14.	Intercropping of French bean in young coconut garden	The yield of French bean has recorded 17.3 q covering an area of 45 ha contributing to 277.8 q of intercrop yield with an additional income of Rs.32870/ farmer and also improving the soil fertility
15.	Intercropping of French bean in	The yield of French bean has recorded 15.98 q covering an area of

	areca garden	32 ha contributing to 511.36 q of intercrop yield with an additional income of Rs.31880/ farmer and also improving the soil fertility
16.	Demonstration on nutrient management in Mulberry for higher yield and quality	The yield increased up to 15.79% as compared to the farmers practise and the area has spread to 796 ha contributing to an additional yield of 1141 q /crop with 1532 beneficiaries
17.	Demonstration of improved silkworm rearing practices for cocoon yield maximization	The yield increased up to 14.21% as compared to farmers practise and the area has spread to 498 farmers practising silkworm rearing
18.	Popularization of improved silkworm hybrid FC-2 X FC-1	The yield increased up to 6.36% as compared to the farmers practise with an increasing yield of 5 kg/100 DFLs and the technology has spread to 588 farmers in the district producing an additional yield of 2940 kgs of cocoon yield
19.	Demonstration of improved hybrid Napier (PBN 342) fodder in Mandya district	The yield increased up to 18.62% as compared to the farmers practise and the area has spread to 79 ha contributing to an additional yield of 22278 q of green fodder with 820 beneficiaries
20.	Demonstration on balance diet in milching animals	The increase in milk yield recorded up to 24.05% as compared to the farmers practise with 514 litters of additional milk per day per animal for 130 household
	KVK- Hassan	
1.	Demonstration on intercrop in Maize with Redgram (8:2) to enhance soil fertility	The technology has been spread in an area of 120 ha and benefiting 342 farmers
2.	Demonstration of micronutrient mixture for growth and yield enhancement in Paddy	The technology has been spread in an area of 10 ha with an increasing yield of 13.62% and benefiting 18 farmers
3.	Demonstration of Field bean (HA-5) as intercrop in coconut orchard to improve soil fertility	There is 11.65% increase in yield. 50 ha spread in technology and 110 farmers benefited
4.	Demonstration of seed tuber production through apical rooted Potato (ARC)	ARC Potato technology has been spread in an area of 4400 ha and produced 5,280 tons of seeds benefiting of 8819 farmers
5.	Demonstration of entomo-pathogenic nematode (*Heterorhabditis indica*) on root grub (*Holotrichia spp.*) management in Sugarcane	The technology has been spread in an area of 210 ha with an increasing yield of 8.87% and benefiting 312 farmers
6.	Demonstration of high yielding Tuberose hybrid – ArkaPrajwal	The technology has been spread in an area of 30 ha with an increasing yield of 24.52% and benifiting75 farmers
7.	Demonstration on polyculture of Grass carp, Jayanthi Rohu and Amur common carp	There is 28.5% increase in yield and 32 farmers benefited
8.	Demonstration on effective utilization of short duration	There is 30.1% increase in yield and 25 farmers benefited

	water bodies through Tilapia (GIFT) cultivation	
9.	Demonstration of Chilli hybrid Arka Gagan for higher yield	There is 27.40% increase in yield, 41 ha spread in technology and 86 farmers benefited
10.	Management of South American leaf miner (*Phthorimaea absoluta*) in Tomato for higher income	There is 32.36% increase in yield, 230 ha spread in technology and 421 farmers benefited
11.	Demonstration of Coconut de-husking machine for reduction of time and operational cost	Five farmers purchased the technology
	KVK- Chamarajanagara	
1.	Demonstration of improved Horse gram variety- CRHG-19	Area increased to 400 ha
2.	Demonstration of Maize hybrid - MAH 14-138	Area spread in and around 200 ha
3.	Integrated Crop Management in Field bean	Yield increased up to 16%
4.	Demonstration of White Finger millet variety KMR-340 and its value addition	Area spread in and around 48 ha
5.	Integrated Crop Management in Cabbage	No. of sprays reduced from 11 to 6
6.	Large scale demonstration on eco-friendly management of Rugose Spiralling Whiteflies in Coconut	Technology spread in an area 400 ha in collaboration of Department of Horticulture
7.	Eco friendly approach for Integrated Crop Management in Tomato	Yield increase up to 18%
8.	Eco-friendly approach for Integrated Crop Management in Chickpea	Yield increase up to 16%
9.	Demonstration of ICAR FUSICONT for the management of Panama wilt in Banana (Yalakki and Nendra)	Percent of disease incidence reduced from 40 to 24%
10.	Demonstration of French bean var. Arka Sharath for higher yield and income	Yield increased up 12%
11.	Demonstration of improved turmeric variety IISR Pratibha for higher yield and income	Area increased up to 1000 ha

12.	Eco-friendly approaches in Integrated crop management of Garlic	Yield increased up to 17%
2025-26		
	KVK- Bengaluru Rural District	
1.	Introduction of Finger millet var. ML-322 for late kharif season	The new variety is resistant to blast and lodging and the technology spread over an area of 50 ha and yield increased by 15.6%
2.	Demonstration of climate resilient practices in Pigeon pea	Introduction of wilt and sterile mosaic resistant variety BRG-3 increased the yield by 18.16% and spreaded over an area of 520 ha
3.	Improved production technologies in castor	Introduction of Hyb. ICH-66 and improved cultivation practices increased the yield by 23.1% and spread over an area of 10-15 ha
4.	Demonstration of balanced nutrition in marigold for higher yield & quality	The technology spread over an area of 245 ha and increased yield by 20.67%
5.	Dolichos bean as an intercrop in young arecanut gardens	Growing dolichos bean in young areca nut garden generated an additional income of Rs. 1,40,000/ ha. The technology spreaded in an area of 475 ha with an additional
6.	Integrated nutrient management in Knol khol	The Spread over an area of 110 ha and yield increased by 16.27%
7.	Demonstration on performance of 'Crop Booster' in Maize	The adaptation of TNAU technology in Maize, increased the yield by 15% and the technology spreaded in an area of 270 ha
8.	Demonstration of high yielding Tuberose hybrid – Arka Prajwal	The new hybrid and the technology spreaded over an area of 200 ha and increased yield by 25.32%
9.	Demonstration of crop regulation through bahar treatment, pest and disease management in Pomegranate	The technology spread over an area of 370 ha and increased yield by 14.03%
10.	Introduction of short duration and high yielding Field bean var. HA-5	The variety spread over in an area of 650 ha and increase in yield by 15.9%
11.	Demonstration of genetically improved farmed tilapia (GIFT) in farm ponds	GIFT thelapia adopted by 450 farmers, the body weight of the fish increased by 100-200 g
12.	Integrated Crop Management in Chilli	IIHR, Bangalore released variety ARKA Gagan increased in yield by 31% and spreaded over an area of 45 ha
13.	Bee pollination in Onion for improve seed yield	On going
14.	Demonstration on management of leaf spot and spindle bug in Arecanut	Spraying of recommended chemicals at right stage and time of infestation reduced the spindle bug and leaf spot incidence by 11.50 (%) and the technology spread in an area of 50 ha
15.	Demonstration on eco-friendly management of pests in	Application of enriched FYM, neem cake and spraying bio-pesticide (Shatpada All Rounder) reduced the occurrence of mites and thrips

	Mulberry	and also increased leaf yield (14.20%) and quality cocoon (21.27%)
16.	Demonstration of white Finger millet variety KMR 340	Preference for KMR-340 grains for value addition is very high and selling price is high compared to ML-365 and huge demand for value added products and the technology spread in an area of 150 ha
17.	Demonstration on balance diet in mulching animals	Balanced diet in milching animals increased milk yield (12.12%) and observable increase in SNF and healthy animals. The technology was adopted by 85-90 farmers
	KVK- Chikkaballapura	
1.	Demonstration of Field bean variety HA-5	The technology was demonstrated in farmers' fields and spread over approximately 260 ha, covering about 340 farmers, resulting in a 15–20% increase in yield.
2.	Intercropping of Field bean in Mango Orchard	Intercropping adopted in ≈190 ha by ≈250 farmers, improving land use efficiency and additional income
3.	Demonstration of drought tolerant and lodging resistant Finger millet variety ML-322	Variety spread to ≈640 ha covering ≈890 farmers, achieving 12–18% yield increase
4.	Integrated Pest and Disease Management in Mango	Technology spread over ≈380 ha covering ≈510 farmers, reducing pest and disease incidence by 20–25%
5.	Integrated crop management in Dragon fruit	ICM adopted in ≈110 ha by ≈145 farmers, recording 15–20% yield improvement
6.	Demonstration of Integrated Wilt Management in Pomegranate	Technology spread to ≈95 ha covering ≈125 farmers, reducing wilt incidence by 30–35%
7.	Demonstration of Integrated Management of Tomato Leaf curl Virus	IDM practices adopted in ≈210 ha covering ≈290 farmers, reducing disease incidence by 40–45%
8.	Integrated Crop Management in Tomato	Adopted in ≈260 ha by ≈350 farmers, resulting in 20–25% yield increase
9.	Demonstration of wilt resistant Redgram variety BRG-3	Variety spread to ≈420 ha covering ≈560 farmers, recording 15–20% expected yield increase
10.	Demonstration of Broccoli crop for income maximization	High-value crop introduced in ≈75 ha covering ≈95 farmers, generating 25–30% higher income
11.	Demonstration of Nutri-farms for year round nutrition security	210 Nutri-farms established, benefiting ≈310 households
12.	Demonstration of Integrated Management of Fall armyworm in Maize	IPM spread over ≈520 ha covering ≈690 farmers, reducing FAW incidence by 30–35% and increasing yield by 10–12%
13.	Entrepreneurship development on value addition of Maize	Adopted by 1 SHG and trained farmers, enhancing income by 25–30%
14.	Demonstration on effective utilization of short duration water bodies through GIFT Tilapia cultivation	Demonstrated in farm ponds; fish farming adoption initiated among beneficiary farmers

15.	Demonstration of Maize hybrid MAH-14-138	Hybrid demonstrated and promoted; adoption expanded with higher productivity
16.	Integrated thrips Management in Mulberry	Technology demonstrated; thrips incidence reduced through eco-friendly practices
	KVK- Bengaluru South	
1.	Kodo millet as a climate resilient technology under rainfed alfisols of Bengaluru South	CKMV1 is early maturing with good yield and has good taste, can be used for regular consumption with higher nutrition. The area of millet growing has been increased to 150 ha
2.	Management of pests in Mulberry	Cost of spraying reduced by 15%, Quality of leaf is very much better, yield increased (23.63%) and income (36.11%), Shatpada (All rounder) can be used as alternative bioagent to manage the thrips and mites infestation as precautionary and curative measure
3.	Management of Spindle bug and leaf spot in Arecanut	Seed Treatment protected from early infestation and helped to get better growth. Yield increased (31.81%) and income (71.52%). Integrated approach resulted in less leaf damage and better yield. Upscaling through KSDA, GoK
4.	Seri Suvarna technology for insitu moisture conservation and plant nutrient management in Mulberry	Effective way of recycling of sericulture waste and can conserve moisture Good quality leaf and high cocoon yield. Approximately 120farmers adopted Seri Suvarna technology
5.	Integrated Nutrient Management in Chrysanthemum	Pinching resulted in more number of branches and more flowers and yield (11.75t/ha) and quality of flowers were good. Incidence of wilt was less (9.60%) as compared to farmers practice
6.	Integrated crop management in Paddy	RNR 15048 with the green-manure and Bio-fertilizers use is praised for its disease resistance, and the buyers at the mandi give me a much better rate due to its fine grain quality. Overall, these improved varieties and management practices consistently lead to lower input costs and higher net profits compared to old practice
7.	High yielding white seeded Sesame (variety–GKVKS-1) for additional returns during pre-kharif	GKVKS-1 for its bold, bright white seeds that fetch a premium market price and high-yielding variety that matures uniformly and more profitable than local sesame
8.	High yielding Castor hybrid-ICH66 for higher yield and returns	ICH-66 is a favourite among farmers because its wilt-resistant spikes, lower height, nearly double the yield of local varieties. It stays productive for more pickings, ensuring a steady income and much higher profits despite the higher initial seed cost
9.	Demonstration of Ragi var. KMR 340	White ragi (KMR -340) products are well accepted by family members and consumers. Branding, labeling and market linkage enhanced profit. Farmers are intersted to grow
10.	Demonstration of composting of Arecanut husk using arecahusk decomposer	Cost of spraying reduced by 25%. Spindle bug infestation reduced by 72%. Growth and vigour were much better in demonstration plot compared through check
	KVK- Tumakuru	
1.	Demonstration of Redgram as	When compared to farmers practice of monocropping, double

	intercrop in Foxtail millet for income enhancement	cropping has resulted in CB ratio of 1.58
2.	Demonstration of French bean var. Arka sharath in younger arecanut gardens	Growing of French bean variety Arka Sharath as an intercrop in young arecanut orchard helps to control the weeds along with enhancing soil fertility, High yield (7.70q/ha) and B:C (Rs.2.45).
3.	Demonstration of medium duration Ragi ML 322	Ragi variety ML-322 recorded higher grain yield (24.05 q/ha) and B:C (1.67) compare to check variety ML-365 (20.37 q/ha) and 1.50 with a percent yield increase of 18.06
4.	Demonstration on management of Spindle Bug and leaf spot in Younger Arecanut Garden	Application of Thiomethoxam 75 SG @ 0.25 g/l will reduce the spindle bugs population and its damage in arecanut
5.	Demonstration of Little millet variety GPUL-6 and value addition	Little millet variety GPUL-6 yielded more tillers and panicle per plant compared to farmers practice with increase in 17.71% of grain yield and: Little millet variety GPUL-6 gave more yield than the local variety. More income can be obtained if value addition is done.
6.	Demonstration of high yielding Field bean variety HA-5	Demonstrated variety (HA-5) recorded higher fresh pod yield and B:C (29.60 q/ha) and 2.42 compare to check variety HA-4 (24.62 and 1.82) with a percent yield increase of 20.22
7.	Integrated approaches to combat post parturient hypocalcemia (Milk fever)	Compared to check incidence of post parturient hypocalcaemia has been reduced to zero and in turn incidence of mastitis has been lowered to 5% and Due to deficiency of calcium immediately after parturient the animal suffered with mastitis and if not recovered permanent deformity and may lead to death of the animal. Due to demonstration we got awareness on importance of supplementing calcium
8.	Demonstration of dry cow therapy for control of mastitis and augmenting clean milk production	Due to proper drying of milk and use of appropriate antibiotic, incidence of mastitis during pregnancy has been reduced with better milk yield. And We were not drying the milk properly which lead to mastitis before parturition which lead to huge losses in term of treatment and yield and also health of the cow. But in this demo, we learnt drying of milk and got good returns
9.	Management of post-partum fertility in dairy animals	Compared to check, the cow in the demo has come to heat within 80 days and hence calf per year can be achieved and the cow has been come to heat early and got good milk yield by 90 days (1260 lts)
10.	Demonstration of new Cowpea variety KBC-12	Cowpea variety (KBC-12) recorded higher pod yield and B:C of (10.75 q/ha and 1.80 compare to the local variety DC-15 (8.80 q/ha and 1.58) with a percent yield increase of 18.05
	KVK- Mandya	
1.	Nutrient management in Paddy for yield enhancement under salt affected soils	The yield increased up to 25% as compared to the farmers practise and the area has spread to 173 ha contributing to 1473.9 q of additional yield in the district with 410 farmer beneficiaries
2.	Integrated Pest and disease Management in Paddy	The yield increased up to 8.10% as compared to the farmers practise, decreasing in leaf folder incidence from 18.78 to 4.2 and no leaf blast incidence recorded in the demonstration the area has spread to

		1428 ha contributing to 6440 q of additional yield in the district with 3491 farmer beneficiaries
3.	Demonstration of new Maize hybrid MAH-15-84	The growth of the crop found to be better compared to the farmers practise. 15 demonstrations have been taken up and the area has spread to 6.0 ha with 15 farmer beneficiaries
4.	Demonstration on Cowpea for enhancing soil fertility in Paddy-Cowpea cropping sequence	The growth of the crop found to be better compared to the farmers practise, 10 demonstrations have been taken up and the area has spread to 4.0 ha with 10 farmer beneficiaries
5.	Demonstrations of Yard long bean var. Arka Mangala	The yield increased up to 25% as compared to the farmers practise and the area has spread to 92 ha contributing to 4342 q of additional yield in the district with 448 farmer beneficiaries
6.	Demonstration of improved silkworm hybrid FC-2 X FC-1	The yield increased up to 6.52% as compared to the farmers practise with an increasing yield of 6.2 kg/100 DFLs and the technology has spread to 726 farmers in the district producing an additional yield of 4733 kgs of cocoon yield
7.	Demonstration of new Paddy variety KMP-225	The yield increased up to 19.56% as compared to the farmers practise and the area has spread to 38 ha contributing to 277.4 q of additional yield in the district with 89 farmer beneficiaries
8.	Demonstration of improved Cowpea variety KBC-12	The growth of the crop found to be better compared to the farmers practise, 10 demonstrations have been taken up and the area has spread to 4.0 ha with 10 farmer beneficiaries
9.	Integrated approaches for yellow mosaic management in Bitter gourd	The yield increased up to 26% as compared to the farmers practise and the area has spread to 28 ha contributing to 1167.6 q of additional yield in the district with 138 farmer beneficiaries
10.	Integrated pest and disease management in Chrysanthemum	The yield increased up to 20.37% as compared to the farmers practise and the area has spread to 1346 ha contributing to an additional yield of 36342 q with 3442 beneficiaries
11.	Integrated crop management in Chilli	The yield increased up to 20.4% as compared to the farmers practise and the area has spread to 108 ha contributing to 3705 q of additional yield in the district with 583 farmer beneficiaries
12.	Demonstration on eco-friendly management of pod borer in Field bean	The yield increased up to 18.90% as compared to the farmers practise and the area has spread to 106 ha contributing to 116 q of additional yield in the district with 238 farmer beneficiaries
13.	Demonstration of aerobic paddy KMP-175 (Daksha)	The yield increased up to 6.05% as compared to the farmers practise and the area has spread to 128 ha contributing to 345.6 q of additional yield in the district with 318 farmer beneficiaries
14.	Demonstration of new Paddy variety KMP-220	The growth of the crop found to be better compare to the farmers practise, 10 demonstrations have been taken up and the area has spread to 4.0 ha with 10 farmer beneficiaries
15.	Integrated management of leaf roller in Mulberry	The yield increased up to 25.58% as compared to the farmers practise, incidence of leaf roller has reduced to 8.05% as compare to 27.8 and the area has spread to 113 ha contributing to an additional yield of 3452 q/crop with 273 beneficiaries

KVK- Hassan		
1.	Demonstration of improved Ragi variety KMR-316 for higher productivity	There has been 5.66% increase in yield. 1200 ha spread in technology and 2230 farmers benefited
2.	Demonstration of micronutrient mixture for growth and yield enhancement in Paddy	The technology has been spread in an area of 10 ha with an increasing yield of 13.62% and benefiting 18 farmers
3.	Demonstration on intercrop in Maize with Redgram (8:2) to enhance soil fertility	The technology has been spread in an area of 120 ha and benefiting 342 farmers
4.	Demonstration of improved Foxtail millet variety GPUF-3 for higher productivity	The technology has been spread an area of 8 ha with an increasing yield 9.94% & benefiting 30 farmers
5.	Introduction of Paddy variety Daksha to tail end region for higher productivity	The technology has been spread an area of 2.0 ha with an increasing yield 10.46% & 5 benefiting farmers
6.	Demonstration of Chilli hybrid "Arka Gagan" for higher yield	There has been 27.40% increase in yield. 41 ha spread in technology and 86 farmers benefited
7.	Demonstration of high yielding Tuberose hybrid-Arka Prajwal	The technology has been spread in an area of 30 ha with an increasing yield of 24.52% and benifiting 75 farmers
8.	Demonstration of Brinjal variety "Arka Avinash" for higher yield	The technology has been spread in an area of 0.50 ha with an increasing yield of 11.13% and benifiting5 farmers
9.	Demonstration of improved Ginger variety "IISR-Varadha" for higher yield	The technology has been spread in an area of 18 ha with increasing yield of 22.96% & benefiting 38 farmers
10.	Demonstration of Okra hybrid "Arka Nikita" for higher yield	The technology has been spread an area of 8 ha with an increasing yield 16.42 & benefiting farmers 30
11.	Demonstration of improved Turmeric variety "IISR Pratibha" for higher yield and income	The technology has been spread an area of 2 ha & benefiting farmers 05
12.	Demonstration on eco-friendly management of Fall Armyworm in Fodder Maize	The technology has been spread an area of 120 ha with an increasing yield 21.6 & benefiting farmers 378
13.	Integrated approach to enhance piggery production	The technology has been increasing the body weight 30.06% & benefiting farmer 32 farmers
14.	Demonstration on polyculture of Gross carp, Jayanthi Rohu and Amur common carp	There has been 28.5% increase in yield. and 32 farmers benefited
KVK-Chamarajanagara		
1.	Eco-friendly approach for Integrated Crop Management in Chickpea	Yield increased up to 16%

2.	Demonstration on Eco-friendly Management of Rugose Spiralling White flies in Coconut	Spread in an area of 600 ha in collaboration with Department of Horticulture
3.	Eco-friendly approach for Integrated Crop Management in Tomato	Yield increased up to 18%
4.	Eco-friendly approaches for Integrated Crop Management of Cabbage	No. of sprays reduced from 10 to 5
5.	Demonstration of Maize hybrid - MAH 14-5	Yield increased up to 18%
6.	Demonstration of Sunflower hybrid KBSH-90	Yield increased up to 16%
7.	Demonstration of improved Cowpea variety KBC-12	Yield increased up to 16%
8.	Demonstration on Blackgram in Paddy fallow	Yield increased up to 14%
9.	Nutrient management in Paddy for yield enhancement under salt affected soils	Area spread in an around 1000 ha
10.	Improved silkworm rearing practices for Bivoltine cocoon yield maximization	Yield was observed upto 80 kg / 100 DFL
11.	ICM in small Onion	No. of sprays reduced from 9 to 4
12.	ICM in Potato	Yield increased up to 16%



Demonstration of high yielding fodder Bajra variety TSFB-15-8



Demonstration on management of spindle bug in Arecanut



Integrated Disease Management in Banana (Cv. Yelakki)



Integrated Crop Management in Guava



Demonstration on eco-friendly management of pests in Mulberry



Demonstration of biofortified Finger millet variety CMFV 1 (Indravathi)



Use of yellow & blue sticky cards in Tomato



Field day MAH 14-138

Extension activities of Agricultural Technology Information Centre (ATIC)

The primary objective of ATIC is to act as a single-window delivery system for agricultural information, technologies, and quality inputs developed by the University. ATIC functions as a centralized platform that integrates multiple extension and advisory services under one roof. The Centre facilitates the production, dissemination, and sale of University-developed agricultural inputs, including certified

seeds, planting materials of horticultural crops, bio-fertilizers and bio-pesticides etc. ATIC provides free technical advisory services to farmers and stakeholders across a wide range of disciplines, including Agriculture, Horticulture, Animal Husbandry and other allied agricultural sectors. The advisory services are delivered through multiple extension methods such as face-to-face interactions, consultations, telephonic and digital platforms. ATIC operates a Toll-Free Helpline (1800 425 0571), which enables farmers to interact directly with subject matter specialists and obtain scientific advice on agriculture and allied subjects. In addition, the Centre operates a WhatsApp-based advisory service (94824 77812), primarily for plant protection-related queries. Thus, ATIC is functioning as a repository of agricultural information.

Sl. No.	Type of Extension Programme	No. of Programmes	Farmers covered
2021-22			
1.	Resource person (Guest Lectures delivered)	26	694
2.	Field visits	7	180
3.	Consultancy through telephone	1774	1774
4.	Consultancy through face to face	1553	1553
5.	TV programme	34	Across the state
6.	What'sapp SMS	3217	3217
7.	Technical tips given in Vijayavani news paper	103	Across the state
2022-23			
1.	On-campus	6	184
2.	Resource person (Guest Lectures delivered)	23	590
3.	Field visits	8	210
4.	Consultancy through face to face	2662	2662
5.	TV programme	24	Across the state
6.	What'sapp SMS	6555	6555
7.	Technical tips given in Vijayavani news paper	158	Across state
2023-24			
1.	On-campus	2	68
2.	Sponsored training programme	2	60
3.	Resource person (Guest Lectures delivered)	12	308
4.	Field visits	8	223
5.	Consultancy through telephone	2145	2145
6.	Consultancy through face to face	2700	2700
7.	TV programme	14	Across the state
8.	Whatsapp SMS	4973	4973
9.	Technical tips given in Vijayavani news paper	156	Across the state
2024-25			
1.	On-campus	1	30
2.	Off-campus	3	60
3.	Collaborative programme	1	200
4.	Resource person (Guest Lectures delivered)	16	403

5.	Field visits	13	330
6.	Consultancy through telephone	1427	1427
7.	Consultancy through face to face	2489	2489
8.	TV programme	11	Across the state
9.	Radio programme	2	Across the state
10.	What'sapp SMS	2289	2289
11.	Technical tips given in Vijayavani newspaper	226	Across the state
12.	Special programmes - walkathon, a day with specially abled children	2	220
13.	Video developed	1	Across the state
2025-26			
1.	On-campus	4	116
2.	Collaborative programme	1	250
3.	Resource person (Guest Lectures delivered)	7	180
4.	Field visits	3	120
5.	Consultancy through telephone	594	594
6.	Consultancy through face to face	1613	1613
7.	TV programme	12	Across the state
8.	What'sapp SMS	1219	1219
9.	Technical tips given in Vijayavani newspaper	123	Across the state
10.	Special programmes - walkathon	1	160

Abstract of activities ATIC

Sl.No.	Type of Extension Programme	No. of Programmes	Farmers covered
1.	On-campus	13	398
2.	Collaborative programme	02	450
3.	Resource person (Guest Lectures delivered)	84	2175
4.	Field visits	39	1123
5.	Consultancy through telephone	5940	5940
6.	Consultancy through face to face	11017	11017
7.	TV programme	95	Across the state
8.	What'sapp SMS	18253	18253
9.	Technical tips given in Vijayavani newspaper	766	Across the state
10.	Special programmes - walkathon	3	380



Governor visit to ATIC



Minister of Agri. Govt. of Sikkim visited ATIC nusrey



Students of Vidyavahini Pre-University College, Tumakuru visited ATIC



Technical Advisories

e-Krishi UASB portal

Brief note on e-Krishi UASB portal: To strengthen information dissemination through digital means, the e-Krishi UASB portal (http://e.krishiuasb.karnataka.gov.in) has been established at ATIC. The portal serves as a comprehensive digital knowledge repository and contains technical information of cultivation practices of agricultural and horticultural crops, technical content on animal husbandry, fisheries, sericulture, and allied activities and supplementary information to give on spot technical solutions to the farmers and the other stake holders. The portal also provides direct links to the websites of agriculture and allied developmental departments and farm universities of Karnataka state, thereby facilitating easy access to authentic government and institutional resources.





Extension activities of Staff Training Unit

Sl. No.	Type of Extension Programme	No. of Programmes	Participants
2021-22			
1.	Off-campus	2	59
2.	Sponsored training programme	2	60
3.	Resource person (Guest Lectures delivered)	9	180
4.	Consultancy through telephone	602	602
5.	Consultancy through face to face	215	215
6.	Exhibition & Krishimelas participated	4	4986
7.	Workshops attended	4	296
8.	Meetings participated	13	13
9.	No. of Video conference/Zoom meetings	2	108
10.	DAESI class	1	40
11.	RSKs visit	10	182
2022-23			
1.	Sponsored training programme	2	60
2.	Resource person (Guest Lectures delivered)	7	208
3.	Consultancy through telephone	124	124
4.	Consultancy through face to face	256	256
5.	Diagnostic field visits	10	50
6.	Newspaper coverage	10	Across the state
7.	Exhibition & Krishimelas participated	4	5698
8.	Workshops attended	3	186
9.	Meetings participated	19	19
10.	DAESI class	2	80
11.	RSKs visit	19	325
2023-24			
1.	Collaborative Programme	3	109
2.	Consultancy through telephone	139	139
3.	Consultancy through face to face	263	263
4.	Newspaper coverage	15	Across the state
5.	Exhibition & Krishimelas participated	4	6248

6.	Workshops attended	2	247
7.	Meetings participated	13	13
8.	RSKs visit	28	347
2024-25			
1.	Sponsored training programme	6	180
2.	Consultancy through telephone	181	181
3.	Consultancy through face to face	145	145
4.	Exhibition & Krishimelas participated	4	5489
5.	DAESI class	1	40
6.	RSKs visit	13	297
2025-26			
1.	Sponsored training programme	2	60
2.	Exhibition & Krishimelas participated	1	9315
3.	RSKs visit	6	125

Abstract of activities at STU

Sl. No.	Type of Extension Programme	No. of Programmes	Participants
1.	Off-campus	2	59
2.	Sponsored training programme	120	360
3.	Resource person (Guest Lectures delivered)	16	388
4.	Consultancy through telephone	1046	1046
5.	Consultancy through face to face	879	879
6.	Exhibition & Krishimelas participated	17	31736
7.	Workshops attended	9	729
8.	Meetings participated	45	45
9.	No. of Video conference/Zoom meetings	2	108
10.	DAESI class	4	160
11.	RSKs visit	76	1276





Glimpses of Farming Advisory: Empowering KVKs Scientists with AI-based Crop Analytics training programme



Glimpses of market led extension training programme

Extension Activities of Institute of Baking Technology and Value Addition-IBT&VA

IBT&VA-Institute of Baking Technology and Value Addition are serving under the Directorate of Extension, University of Agricultural Sciences, Bangalore. It was started during 1968 as Bakery Training Unit sponsored by US Wheat Associates, New Delhi, with the main objective to impart skill-oriented training programmes in bakery. The institute has been imparting training in bakery since last five decades for professional bakers, industrialists, SHG members, youth, housewives etc. to develop entrepreneurship and to create self-employment opportunities. Presently the institute is equipped with semi-automatic plant to conduct training programmes on large scale manufacture of bakery products by step by step process. Since from 2006, the institute has included "Food processing" as a component of training for processing and preparation of value-added products from different agriculture produce such as fruits and vegetables, cereals, millets, milk, soybean, spices etc. The main aim of these trainings is to create technical competency and to develop confidence regarding different stages of food processing and product development so has to promote entrepreneurship and to get employment opportunities in food industries. During 2008 the Bakery Training Unit received "National Productivity Council Award" from Ministry of Food Processing Industries, Government of India, New Delhi.

Sl. No.	Type of Extension Programme	No. of Programmes	Participants
2021-22			
1.	On-campus	15	307
2.	Off-campus	2	45
3.	Sponsored training programme	9	220
4.	Resource person (Guest Lectures delivered)	1	25
5.	Consultancy through telephone	130	130
6.	Consultancy through face to face	70	70
7.	Radio programme	2	Across the state
8.	Exhibition & Krishimelas organized	1	2000
9.	Exhibition & Krishimelas participated	1	500
10.	Exposure visits organized	4	78

11.	Method demonstrations conducted	42	660
12.	Meetings participated	2	100
2022-23			
1.	On-campus	56	1267
2.	Off-campus	4	81
3.	Sponsored training programme	40	903
4.	Resource person (Guest Lectures)	2	60
5.	Consultancy through telephone	260	260
6.	Consultancy through face to face	304	304
7.	Exhibition & Krishimelas organized	3	3000
8.	Exhibition & Krishimelas participated	1	500
9.	Exposure visits organized	6	158
10.	Important events organized	2	613
11.	Special days celebration	4	1120
12.	Method demonstrations conducted	42	660
13.	Meetings participated	2	100
14.	Leaf let published	2	Distributed to trainees / visitors
2023-24			
1.	On-campus	91	1911
2.	Off-campus	4	165
3.	Sponsored training programme	5	100
4.	Collaborative programme	12	231
5.	Resource person (Guest Lectures delivered)	3	86
6.	Consultancy through telephone	604	604
7.	Consultancy through face to face	1275	1275
8.	Newspaper coverage	12	Across the state
9.	Exhibition & Krishimelas organized	7	7838
10.	Exhibition & Krishimelas participated	1	600
11.	Exposure visits organized	10	306
12.	Important events organized	3	230
13.	Special days celebration	12	605
14.	Method demonstrations conducted	1036	1750
15.	What'sapp SMS	40	1685
16.	Meetings participated	4	345
17.	Press Releases	4	Across the state
18.	Leaf let published	24	Distributed to trainees / visitors
2024-25			
1.	On-campus	84	3076
2.	Off-campus	6	407
3.	Extension functionaries	1	40
4.	Sponsored training programme	5	138

5.	Collaborative Programme	9	371
6.	Resource person (Guest Lectures delivered)	4	320
7.	Consultancy through telephone	845	845
8.	Consultancy through face to face	1745	1745
9.	Newspaper coverage	35	Across the state
10.	Exhibition & Krishimelas organized	8	7965
11.	Exhibition & Krishimelas participated	2	1015
12.	Exposure visits organized	31	930
13.	Important events organized	4	324
14.	Special days celebration	8	2465
15.	Method demonstrations conducted	1755	3054
16.	Whatsapp SMS	78	3120
17.	Meetings participated	4	375
18.	Press releases	12	Across the state
19.	Popular / Success stories published	35	Across the state
20.	Co-ordination to TV & Radio programmes for Telecast / Broadcast	1	Across the state
21.	Leaf let published	72	Distributed to trainees / visitors
2025-26			
1.	On-campus	44	885
2.	Off-campus	14	910
3.	Sponsored training programme	2	82
4.	Collaborative programme	10	279
5.	Resource person (Guest Lectures delivered)	2	56
6.	Consultancy through telephone	965	965
7.	Consultancy through face to face	1845	1845
8.	Newspaper coverage	10	Across the state
9.	TV programme	2	Across the state
10.	Exhibition & Krishimelas organized	12	12540
11.	Exhibition & Krishimelas participated	2	2500
12.	Exposure visits organized	7	434
13.	Important events organized	4	268
14.	Special day scelebration	8	575
15.	Workshops organized	1	200
16.	Workshops attended	1	45
17.	Method demonstrations conducted	1455	3656
18.	What'sapp SMS	194	4747
19.	Meetings participated	2	115
20.	Leaf let published	60	Distributed to trainees / visitors

Abstract of activities at IBT&VA

Sl.No.	Type of Extension Programme	No. of Programmes	Participants
1.	On-campus	290	7446
2.	Off-campus	30	1608
3.	Sponsored training programme	61	1443
4.	Collabrative programmes	31	881
5.	Resource person (Guest Lectures delivered)	12	547
6.	Consultancy through telephone	2804	2804
7.	Consultancy through face to face	5239	5239
8.	Radio Programme	5	Across the state
9.	Exhibition & Krishimelas organized	31	33343
10.	Exhibition & Krishimelas participated	7	5115
11.	Exposure visits organized	58	1906
12.	Method demonstrations conducted	4330	9780
13.	Meetings participated	14	1035
14.	Important events organized	13	1435
15.	Special Day Celebration	32	4765
16.	Whatsapp/SMS	312	9552
17.	Workshop organised	1	200
18.	Workshop attended	1	45
19.	Press release	16	
20.	Extension functionaries	1	40
21.	Popular / success stories published	35	Across the state
22.	Leaflets published	158	Distributed to trainees / visitors



Novel bakery products exhibition



Skill development training



In-plant training programme



4 weeks Bakery training programme

Extension activities of Farmer's Training Institute

The Farmers' Training Institute (FTI) of the University of Agricultural Sciences, Bangalore (UASB) was established in the year 1967 with the main objective of providing information and imparting on and off campus training programmes for farmers. Govt. of India / Govt. of Karnataka, Autonomous/ Deemed Institutes / NGOs and others, collaborate and sponsor the Institute in organizing the various need-based training programmes. The SANJEEVINI – KSRLPS, Department of Skill Development Entrepreneurship and Livelihood, GoK also sponsored the on-campus training programmes for Agriculture Livelihood Community Resource persons (Krishi Sakhi) for six days duration. Since, secondary agriculture is gaining importance the focus was given more on skill-oriented enterprises, FTI has been organising capacity building training programmes on Mushroom Production Technologies, Millet processing and value addition, Vermicompost production Technology and Pearl culture. Apart from above mentioned programmes several other need-based programmes are also being organized for the farmers and other stakeholders in collaboration with different Departments/Agencies.

Sl. No.	Type of Extension Programme	No. of Programmes	Participants
2021-22			
1.	On-campus	56	1922
2.	Resource person (Guest Lectures delivered)	36	1080
3.	Field visits	43	768
4.	Consultancy through telephone	194	194
5.	Consultancy through face to face	114	114
6.	TV programme	2	Across the state
7.	Radio Programme	1	Across the state
8.	Exhibition & Krishimelas participated	1	5824
9.	Workshops organized	1	160
10.	Method demonstrations conducted	21	340
11.	What'sapp SMS	30	30
12.	DAESI class conducted	1 (batch)	40
13.	RSKs visit	16	49
14.	Diploma / distance education classes	1	49

2022-23			
1.	On-campus	30	1013
2.	Resource person (Guest Lectures delivered)	47	1410
3.	Field visits	30	80
4.	Consultancy through telephone	261	261
5.	Consultancy through face to face	224	224
6.	Exhibition & Krishimelas participated	1	6387
7.	World Food Day	1	120
8.	Women in agriculture day	1	68
9.	Method demonstrations conducted	59	765
10.	Whatsapp SMS	46	46
11.	DAESI class conducted	2 (batch)	80
12.	RSKs visit	8	24
13.	Diploma / distance education classes	2	45
2023-24			
1.	On-campus	14	30
2.	Resource person (Guest Lectures delivered)	9	270
3.	Field visits	14	22
4.	Consultancy through telephone	347	347
5.	Consultancy through face to face	298	298
6.	Exhibition & Krishimelas participated	1	7824
7.	Method demonstrations conducted	35	67
8.	WhatsApp SMS	38	38
9.	DAESI class conducted	2	36
2024-25			
1.	On-campus	30	683
2.	Resource person (Guest Lectures delivered)	19	570
3.	Field visits	30	76
4.	Consultancy through telephone	356	356
5.	Consultancy through face to face	291	291
6.	Exhibition & Krishimelas participated	1	7843
7.	Method demonstrations conducted	19	33
8.	What'sapp SMS	52	52
9.	DAESI class conducted	2 batch	80
10.	Diploma / distance education classes	2	23
2025-26			
1.	On-campus	23	1012
2.	Off-campus	1	30
3.	Resource person (Guest Lectures delivered)	31	775
4.	Field visits	24	83
5.	Consultancy through telephone	415	415
6.	Consultancy through face to face	497	497

7.	Newspaper coverage	15	Across the state
8.	TV programme	2	Across the state
9.	Exhibition & Krishimelas participated	1	6210
10.	Important events organized	2	94
11.	Special day celebration	1	21
12.	Workshops attended	1	200
13.	WhatsApp SMS	376	376
14.	Diploma / distance education classes	2	64



Demonstration on soil testing during Krishi sakhi training programme



Demonstration on irrigation techniques during Krishi sakhi training programme



Demonstration on Mushroom production techniques under paid course on mushroom production Techniques



Director of Extension and State Programme coordinator graced the valedictory programme of Krishi sakhis



Demonstration on Ghana Jeevamrutha preparation under Natural Farming training for Krishi sakhis



Demonstration on Jeevamrutha preparation under Natural Farming training for Krishi sakhis

Abstract of activities at FTI

Sl. No.	Type of Extension Programme	No. of Programmes	Participants
1.	On-campus	153	4660
2.	Off-campus	1	30
3.	Resource person (Guest Lectures delivered)	140	4105
4.	Field visits	141	1029
5.	Consultancy through telephone	1573	1573
6.	Consultancy through face to face	1424	1424
7.	Newspaper coverage	15	Across the state
8.	TV programme	4	Across the state
9.	Radio programme	1	Across the state
10.	Exhibition & Krishimelas participated	5	34088
11.	Important events organized	3	214
12.	Special day celebration	2	89
13.	Workshops attended	1	200
14.	WhatsApp SMS	542	542
15.	Diploma / distance education classes	9	181
16.	RSKs visits	24	73
17.	DAESI Class conducted	9	236

Extension activities of Farm Information Unit

The Farm Information Unit, University of Agricultural Sciences, GKVK is arranging press releases, press visits, press conference, special interviews. Publication of Packages of Practices on Field Crops, Sericulture, Publication of folders, leaflets, brochures, booklets and other literature. Participation in state, National and International Level Exhibitions/melas/expos to showcase the technologies of the University. Coordinating with Doordarshan, AIR and other Channels and producing Agricultural related documentaries. Participating live phone-in programmes, panel discussions, field coverage' and interviews.

Preparing scripts for video films /documentaries and arrange for shooting, editing, dabbing and multiplication. Preparing the charts/posters/ photographs and other visual aids.

Sl. No.	Type of Extension Programme	No. of Programmes	Coverage
2021-22			
1.	Newspaper coverage	385	Across the state
2.	Exhibition & Krishimelas participated	7	
3.	Press meet / conference	2	
4.	Press visits	13	
5.	Press releases	57	
6.	Popular / success stories published	15	
7.	Co-ordination to TV & AIR for Telecast / Broadcast	201	
8.	Co-ordination to media for special articles	26	
9.	Leaf let published	2	
10.	Participation in state level media co-ordination committee meeting	7	
11.	Special articles published in news papers	92	
12.	Videos developed	5	
2022-23			
1.	Newspaper coverage	414	Across the state
2.	Exhibition & Krishimelas participated	10	
3.	Press meet / conference	5	
4.	Press visits	31	
5.	Press releases	60	
6.	Popular / success stories published	13	
7.	Co-ordination to TV & Radio programmes for telecast / broadcast	219	
8.	Co-ordination to media for special articles	39	
9.	Leaf let published	3	
10.	Participation in state level media co-ordination committee meeting	7	
11.	Special articles published in news papers	85	
12.	Video developed	11	
2023-24			
1.	Newspaper coverage	555	Across the state
2.	Exhibition & Krishimelas participated	6	
3.	Press meet / conference	6	
4.	Press visits	39	
5.	Press releases	92	
6.	Popular / success stories published	16	
7.	Co-ordination to TV & Radio programmes for telecast /	210	

	broadcast		
8.	Co-ordination to media for special articles	53	
9.	Leaf let published	2	
10.	Participation in state level media co-ordination committee meeting	8	
11.	Special articles published in news papers	89	
12.	Video developed	12	
2024-25			
1.	Newspaper coverage	469	Across the state
2.	Exhibition & Krishimelas participated	8	
3.	Press meet / conference	3	
4.	Press visits	54	
5.	Press releases	103	
6.	Popular / success stories published	19	
7.	Co-Ordination to TV & Radio programmes for telecast / broadcast	123	
8.	Co-ordination to media for special articles	66	
9.	Leaf let published		
10.	Participation in state level media co-ordination committee meeting	6	
11.	Special articles published in news papers	56	
12.	Video developed	7	
2025-26			
1.	Newspaper coverage	470	Across the state
2.	Exhibition & Krishimelas participated	5	
3.	Press meet / conference	5	
4.	Press visits	134	
5.	Press releases	112	
6.	Popular / success stories published	33	
7.	Co-Ordination to TV & Radio programmes for telecast / broadcast	57	
8.	Co-ordination to media for special articles	40	
9.	Leaf let published		
10.	Participation in state level media co-ordination committee meeting	1	
11.	Special articles published in news papers	48	
12.	Participation in state level media co-ordination committee meeting	5	
13.	Special articles published in news papers	5	
14.	Videos developed	134	



ಕೃಷಿ ಮೇಳದಲ್ಲಿ ವಿವಿಧ ರೀತಿಯ 7 ಯಂತ್ರ ಅನಾವರಣ

ಕೋಡದ ರಿಮುಖ ಸಿಪ್ಪೆ ಸುಲಿವ ಯಂತ್ರ



ವಿಜಯವಾಣಿ

ಕೃಷಿ ಪರಿಸರದೆಡೆಗೆ ನಮ್ಮ ನಡಿಗೆ

ಬೆಂಗಳೂರು ಕೃಷಿ ವಿವಿ ಆಯೋಜಿಸಿದ್ದ 'ಕೃಷಿ ಪರಿಸರದೆಡೆಗೆ ನಮ್ಮ ನಡಿಗೆ' ಯಲ್ಲಿ ಪಾಲ್ಗೊಂಡಿದ್ದ ಸಾರ್ವಜನಿಕರು.

ಬೆಂಗಳೂರು: ಬೆಂಗಳೂರು ಕೃಷಿ ವಿಶ್ವವಿದ್ಯಾಲಯ ಶನಿವಾರ ಹಮ್ಮಿಕೊಂಡಿದ್ದ 'ಕೃಷಿ ಪರಿಸರದೆಡೆಗೆ ನಮ್ಮ ನಡಿಗೆ' ಕಾರ್ಯಕ್ರಮ ಯಶಸ್ವಿಯಾಗಿ ನಡೆಯಿತು. 150ಕ್ಕೂ ಹೆಚ್ಚು ಸಾರ್ವಜನಿಕರು ಸ್ವಯಂಪ್ರೇರಿತರಾಗಿ ಭಾಗವಹಿಸಿ, ವಿ.ವಿ.ಯ ಸಮೃದ್ಧ ಜೀವವೈವಿಧ್ಯ ಪರಿಸರವನ್ನು ಕಣ್ತುಂಬಿಕೊಂಡರು.

ಕೃಷಿ ಪರಿಸರದ ಬಗ್ಗೆ ಅರಿವು ಮೂಡಿಸುವ ಈ ಕಾರ್ಯಕ್ರಮವು ಯಶಸ್ವಿಯಾಗಿದೆ. ಮುಂದಿನ ದಿನಗಳಲ್ಲಿ ಇಂತಹ ಇನ್ನಷ್ಟು ಕಾರ್ಯಕ್ರಮಗಳನ್ನು ಆಯೋಜಿಸುವ ಉದ್ದೇಶ ಹೊಂದಿದ್ದೇವೆ.

- ಡಾ.ಎಸ್.ವಿ. ಸುರೇಶ್, ಡೀನ್, ಕೃಷಿ ವಿವಿ ಬೆಂಗಳೂರು

- ನೂರಾರು ಜನರು ಭಾಗಿ
- ವಿವಿಧ ಮಾಹಿತಿ ಪಡೆದ ನಗರ ನಿವಾಸಿಗಳು

ಬೆಳಗ್ಗೆ 8.30ಕ್ಕೆ ಜಿಕೆವಿಕೆ ಮುಖ್ಯದ್ವಾರದಲ್ಲಿ ಸೇರಿದ್ದ ಸಾರ್ವಜನಿಕರಿಗೆ ವಿವಿಯ ಸಮಗ್ರ ಮಾಹಿತಿ ನೀಡಲಾಯಿತು. ಪ್ರಾಧ್ಯಾಪಕರು, ವಿಜ್ಞಾನಿಗಳು, ಅಧಿಕಾರಿಗಳು, ವಿದ್ಯಾರ್ಥಿಗಳು ಸೇರಿ ಸುಮಾರು 30 ಮಂದಿ ಮಾರ್ಗದರ್ಶಕರು ಗುಂಪುಗಳಾಗಿ ಹಂಚಿಹೋಗಿ ಪರಿಸರದ ಮಹತ್ವ ಕುರಿತು ಮಾಹಿತಿ ನೀಡಿದರು. ಪ್ರಾಣಿಶಾಸ್ತ್ರ, ಸಸ್ಯಶಾಸ್ತ್ರ, ಕೃಷಿ ಅರಣ್ಯಶಾಸ್ತ್ರ, ಕೃಷಿ ಹವಾಮಾನ ಶಾಸ್ತ್ರ, ಕೃಷಿ ಕೀಟಶಾಸ್ತ್ರ, ಕೃಷಿ ಸೂಕ್ಷ್ಮಜೀವಿ ಶಾಸ್ತ್ರ, ಮಣ್ಣು ವಿಜ್ಞಾನ, ಕೃಷಿ ಅರ್ಥಶಾಸ್ತ್ರ, ಕೃಷಿ ವಿಸ್ತರಣಾ ಶಿಕ್ಷಣ, ಕೃಷಿ ಎಂಜಿನಿಯರಿಂಗ್, ಕೃಷಿ ಪ್ರಕ್ರಿಯೆ ಮತ್ತು ಆಹಾರ ವಿಜ್ಞಾನ, ಕೃಷಿ ಮಾಹಿತಿ ತಂತ್ರಜ್ಞಾನ, ಕೃಷಿ ಪತ್ರಿಕೋದ್ಯಮ ಮತ್ತು ಸಂವಹನ ವಿಭಾಗಗಳು ಭಾಗವಹಿಸಿದ್ದವು. ಜೀವವೈವಿಧ್ಯ ಉದ್ಯಾನ, ಕೃಷಿ ಅರಣ್ಯಶಾಸ್ತ್ರ ಕ್ಷೇತ್ರ, ಕೃಷಿ ಹವಾಮಾನ ಕೇಂದ್ರ, ಕೃಷಿ ಕೀಟಶಾಸ್ತ್ರ ಕ್ಷೇತ್ರ, ಕೃಷಿ ಸೂಕ್ಷ್ಮಜೀವಿ ಶಾಸ್ತ್ರ ಕ್ಷೇತ್ರ, ಮಣ್ಣು ವಿಜ್ಞಾನ ಕ್ಷೇತ್ರ, ಕೃಷಿ ಪತ್ರಿಕೋದ್ಯಮ ಮತ್ತು ಸಂವಹನ ವಿಭಾಗ, ಕೃಷಿ ಪ್ರಕ್ರಿಯೆ ಮತ್ತು ಆಹಾರ ವಿಜ್ಞಾನ ವಿಭಾಗ, ಕೃಷಿ ಎಂಜಿನಿಯರಿಂಗ್ ವಿಭಾಗ, ಕೃಷಿ ಮಾಹಿತಿ ತಂತ್ರಜ್ಞಾನ ವಿಭಾಗ, ಕೃಷಿ ಅರ್ಥಶಾಸ್ತ್ರ ವಿಭಾಗ, ಕೃಷಿ ವಿಸ್ತರಣಾ ಶಿಕ್ಷಣ ವಿಭಾಗ, ಕೃಷಿ ಹವಾಮಾನ ಶಾಸ್ತ್ರ ವಿಭಾಗ, ಕೃಷಿ ಅರಣ್ಯಶಾಸ್ತ್ರ ವಿಭಾಗ, ಕೃಷಿ ಕೀಟಶಾಸ್ತ್ರ ವಿಭಾಗ, ಕೃಷಿ ಸೂಕ್ಷ್ಮಜೀವಿ ಶಾಸ್ತ್ರ ವಿಭಾಗ

Abstract of FIU activities

Sl. No.	Type of Extension Programme	No. of Programmes	Coverage
1.	Newspaper coverage	2293	Across the state
2.	Exhibition & Krishimelas participated	36	
3.	Press meet / conference	21	
4.	Press visits	271	
5.	Press releases	424	
6.	Popular / success stories published	96	
7.	Co-ordination to TV & radio programmes for telecast / broadcast	810	
8.	Co-ordination to media for special articles	224	
9.	Leaf let published	07	
10.	Participation in State Level Media Co-ordination committee meeting	34	
11.	Special articles published in news papers	375	
12.	Video developed	169	

National Agricultural Extension Project

NAEP in extension most commonly refers to the National Agricultural Extension Programme/Project in India, a series of initiatives by the University of Agricultural Sciences (UAS) Bangalore and World Bank to modernize agricultural extension, train field staff, link research with farmers, and improve farming practices through programs like the Training & Visit (T&V) system, focusing on farmer needs and better technology transfer. The main objective is to enhance agricultural productivity by improving extension services, training farmers and extension workers, and bridging the gap between research and farming practices. Activities include conducting technical workshops, diagnostic surveys, developing localized literature, organizing farmer-scientist interactions, and implementing the T&V system.

Extension activities of NAEP, Bangalore

Sl. No.	Type of Extension Programme	No. of Programmes	Farmers covered
2021-22			
1.	Field visits	45	100
2.	Diagnostic field visits	25	165
3.	Bi-Monthly Technical workshop	16	1800
2022-23			
1.	Field visits	52	120
2.	Diagnostic field visits	20	60
3.	Bi-monthly technical workshop	15	2060
2023-24			
1.	Field visits	48	140

2.	Diagnostic field visits	18	35
3.	Bi-monthly technical workshop	18	1500
2024-25			
1.	Field visits	39	70
2.	Diagnostic field visits	22	52
3.	Bi-monthly technical workshop	20	2500
2025-26			
1.	Field visits	40	86
2.	Diagnostic field visits	26	52
3.	Bi-monthly technical workshop	16	1720

Abstract of NAEP activities

Sl. No.	Type of Extension Programme	No. of Programmes	Farmers covered
1.	Field visits	224	516
2.	Diagnostic field visits	111	364
3.	Bi-monthly technical workshop	85	9580

Agricultural Sciences Museum

The Agricultural Sciences Museum at the University of Agricultural Sciences, GKVK, was established in 2013. The museum is located in the Directorate of Extension building and has an area of about 923 square meters. It showcases over 6 exhibition units related to agricultural history, technology, and development. The museum has been established to educate visitors about various agricultural implements, systems, and advancements in agricultural sciences. It provides valuable knowledge to farmers, students, and the general public about the progress of agriculture in India and Karnataka. So far 60,000 visitors including students/farmers/others have visited the museum and benefited from it.



Agricultural Sciences Museum

Extension activities of Agricultural Sciences Museum

Year	Type of Extension Programme	Farmers/Students covered	No. of Batches	Fees collected (Rs.)
2021-22	Visitors	7944	55 batches	No entry fee
2022-23	Visitors	9000	68 batches	
2023-24	Visitors	12744	75 batches	
2024-25	Visitors	12960	80 batches	
2025-26	Visitors	6995	45 batches	29325-00
Total		**49643**	**323**	**29325-00**

***Note:** The entry fees were collected from July, 2025



Visitors



Nisaraga Vidyanikethana School students visit

Extension Education Units at Kolar and Naganahalli

Extension Education Unit Kolar: The Extension Education Unit (EEU) was established in 2015 at Directorate of extension, Hebbal. To serve the farming community it was shifted to KVK Chintamani in 2021. The main objectives of the unit are evaluation of the performance of research findings, demonstration of the proven research findings and to conduct training programmes and other extension educational activities in collaboration with developmental departments, input agencies and NGO's. The operational areas of the unit are Kolar, Malur, Bangarpete, KGF, Srinivaspur and Mulbagal taluks of Kolar district. It is geographically situated between north latitude of 12°45' and 13°36' and east longitude of 77°50' and 78°35'. The district is bounded by the district of Bangalore Rural on the west. On the north-west, it is bounded by Chikkaballapura district, on the north and north-east by the districts of Andhra Pradesh and on the south by the districts of Tamil Nadu.

Extension Education Unit Naganahalli: The Extension Education Unit (EEU) was established in 1975 at ZARS, V.C. Farm, Mandya and it was shifted to Agricultural Research Station Naganahall, Mysuru in 1998 to serve the farming community with the objectives of to evaluate the performance of research findings, to demonstrate the proven research findings and to conduct training programmes and other extension educational activities with the collaboration of developmental departments, input agencies and NGO's. Extension Education Unit, Naganhalli, Mysuru comes under the jurisidiction of University of

Agricultural sciences, Mandya with effective from 24-04-2025. The operational areas are Mysuru, T. Narasipura, Nanjanagud, H. D Kote, Saraguru, Hunsur, Periyapatna and K.R. Nagar taluks of Mysuru district. It is geographically situated at 12°22' N latitude and 76°39' E longitudes, besides Mysuru-Bengaluru high way road approximately 8 km from Mysuru city.

Extension activities of EEU

Sl. No.	Type of Extension Programme	Kolar		Naganahalli	
		No. of Programmes	Farmers covered	No. of Programmes	Farmers covered
2021-22					
1.	On-campus	3	89	7	477
2.	Off-campus	6	154	28	1777
3.	Sponsored training programme	1	15	02	30
4.	Field visits	15	49	337	14143
5.	Consultancy through telephone	11	11	20	20
6.	Consultancy through face to face	8	21	1471	1471
7.	Newspaper coverage	5	Across the state	44	Across the state
8.	Method demonstrations conducted	3	58	66	581
9.	What'sapp SMS	17	118	112	1842
10.	RSKs visit	6	32	26	124
11.	Leaf let published	1	Across the state	5	Across the state
2022-23					
1.	On-campus	9	342	17	653
2.	Off-campus	23	496	29	1649
3.	Sponsored training programme	1	15	3	65
4.	Collaborative programme	3	246	3	90
5.	Resource person (Guest Lectures delivered)	9	814	-	-
6.	Field visits	98	196	668	
7.	Consultancy through telephone	152	152	130	130
8.	Consultancy through face to face	71	128	268	268
9.	Group discussion meetings	34	1324	467	1126
10.	Newspaper coverage	55	Across the state	52	Across the state
11.	Exhibition & Krishimelas participated	4	261	4	241
12.	Exposure visits organized	1	54	3	90
13.	Field days organized	8	439	15	1191
14.	Important events organized	7	301	6	823

15.	Animal health camp	1	53	-	-
16.	Method demonstrations conducted	69	1311	138	410
17.	Bi-monthly technical workshop	3	164	3	151
18.	What'sapp SMS	173	178	25	2313
19.	RSKs visit	34	324	4	35
20.	Popular / success stories published	2	Across the state	2	2
21.	Co-ordination to TV & Radio programmes for telecast / broadcast	1	Across the state	-	-
22.	Leaf let published	2	Across the state	3	Across the state
23.	Special articles published in news papers	1	Across the state	12	Across the state
2023-24					
1.	On-campus	7	205	14	810
2.	Off-campus	24	557	29	1627
3.	Extension functionaries	1	24	2	30
4.	Sponsored training programme	2	30	7	205
5.	Collaborative programme	4	311	1	40
6.	Resource person (Guest Lectures delivered)	4	354	22	421
7.	Field visits	162	487	182	378
8.	Consultancy through telephone	202	202	1210	1210
9.	Consultancy through face to face	83	236	230	230
10.	Group discussion meetings	28	1092	108	957
11.	Newspaper coverage	69	Across the state	53	Across the state
12.	Radio programme	1	Across the state	1	Across the state
13.	Exhibition & Krishimelas participated	7	Across the state	4	Across the state
14.	Exposure visits organized	3	109	12	300
15.	Field days organized	7	374	10	778
16.	Important events organized	8	344	6	456
17.	Workshops attended	2	62	2	
18.	Animal health camp	1	49	8	623
19.	Method demonstrations conducted	84	1596	96	856
20.	Bi-monthly technical workshop	3	174	4	124
21.	What'sapp SMS	183	183	145	2325
22.	RSKs visit	33	264	7	56

23.	Popular / success stories published	6	Across the state	16	Across the state
24.	Co-ordination to media for special articles	1	Across the state		Across the state
25.	Leaf let published	3	Across the state	3	Across the state
26.	Special articles published in news papers	1	Across the state	12	Across the state
2024-25					
1.	On-campus	8	267	12	727
2.	Off-campus	26	712	28	1384
3.	Extension functionaries	1	18	2	80
4.	Sponsored training programme	1	15	1	15
5.	Collaborative programme	3	272	15	420
6.	Resource person (Guest Lectures delivered)	3	285	26	856
7.	Field visits	183	642	289	1351
8.	Consultancy through telephone	179	179	1393	1393
9.	Consultancy through face to face	74	108	450	450
10.	Group discussion meetings	29	1142	44	139
11.	Newspaper coverage	61	Across the state	65	Across the state
12.	Exhibition & Krishimelas participated	6	7248	5	6543
13.	Exposure visits organized	2	89	7	172
14.	Field days organized	5	262	9	443
15.	Important events organized	6	258	7	627
16.	Animal health camp	1	52	7	510
17.	Method demonstrations conducted	67	1293	42	219
18.	Bi-monthly technical workshop	3	160	3	150
19.	What'sapp SMS	143	143	670	3500
20.	RSKs visit	18	153	2	18
21.	Popular / success stories published	5	Across the state	14	Across the state
22.	Leaf let published	1	Across the state	2	Across the state
23.	Special articles published in news papers	1	Across the state	4	Across the state
2025-26					
1.	On-campus	4	115	12	523
2.	Off-campus	27	731	25	1136
3.	Collaborative programme	3	211	9	298

4.	Resource person (Guest Lectures delivered)	13	1162	26	635
5.	Field visits	293	879	279	871
6.	Consultancy through telephone	267	267	85	1325
7.	Consultancy through face to face	118	215	140	140
8.	Group discussion meetings	35	1392	107	132
9.	Newspaper coverage	68	Across the state	62	Across the state
10.	Radio programme	1	Across the state	2	Across the state
11.	Exhibition & Krishimelas participated	7	8425	5	6542
12.	Exposure visits organized	3	162	7	218
13.	Field days organized	6	312	7	386
14.	Important events organized	7	319	7	606
15.	Workshops attended	2	72	2	
16.	Animal health camp	1	58	4	438
17.	Method demonstrations conducted	89	1755	62	246
18.	Bi-monthly technical workshop	3	156	2	98
19.	What'sapp SMS	202	202	62	3248
20.	RSKs visit	29	272	6	153
21.	Participation in Viksit Bharat Sankalp Yatra	3	480	0	0
22.	Technical tips given in Vijayavani newspaper	2	Across the state	8	Across the state
23.	Popular / success stories published	9	Across the state	16	Across the state
24.	Co-ordination to TV & Radio programmes for telecast / broadcast	1	Across the state	4	Across the state
25.	Co-ordination to media for special articles	2	Across the state	6	Across the state
26.	Leaf let published	2	Across the state	3	Across the state
27.	Special articles published in news papers	3	Across the state	0	0
28.	Video developed	2	Across the state	0	0

Abstract of activities at EEU

Sl. No.	Component	Programmes	Farmers Covered
1	On-campus	95	5,132
2	Off-campus	245	10,577
3	Sponsored training programmes	18	375
4	Collaborative programmes	41	1,893
5	Resource person (Guest Lectures)	152	5,497
6	Field visits	2,575	35,819
7	Consultancy through telephone	3,822	4,084
8	Consultancy through face-to-face	2,913	3,267
9	Group discussion meetings	852	9,304
10	Exhibition & Krishimelas participated	54	36,504
11	Exposure visits organized	50	1,284
12	Field days organized	89	4,185
13	Important events organized	77	3,734
14	Animal health camps	29	1,783
15	Method demonstrations conducted	716	8,309
16	Bi-monthly technical workshops	27	1,177
17	Whatsapp / SMS	1,832	16,272
18	RSKs visits	213	1,462
19	Extension functionaries	6	152
20	Workshops attended	8	134
21	Participation in Viksit Bharat Sankalp Yatra	3	480



Capacity building programme organised EEU Mysore



Field day on integrated nutrient management in Bengal gram



Silage preparation training



Compost preparation training

Extension activities of Distance Education Unit

The Directorate of Extension under Distance Education Unit offered One year diploma (agriculture), PG diploma in agriculture and five certificate courses. One year Post Graduate Diploma (Agri.) is offered to Graduates from Farm Universities. The course curriculum includes advanced aspect on crop production and soil health management, pest and disease management, varieties, hybrids, watershed, rainfed farming, economics, extension, farm mechanization, biodiversity, nutrition for health and precision farming. In one semester 6 days each contact class and 6 days examination will be conducted. Certificate courses viz., Integrated Farming System, Bee Keeping, Seed Production Technology, Agricultural Equipment's Maintenance and Organic Farming (postal Mode) were offered from Distance education unit to the farmers, rural youth, school and college dropouts and employees working at private and government sectors will enhance the scientific knowledge and innovations in agriculture to the candidates to adopt in their fields, and help in providing linkages for establishing integrate farming system with different units in one place generating additional farm income to the entrepreneur throughout the year. Among them currently honey collected from bee colony is having huge market potential hence, providing the technical skill is being provided to the candidates to setup the honey boxes, handling of the bee colonies, honey extraction and ensures scientific management of beekeeping on large scale. Technical guidance in scientific seed production to the candidates/seed growers helps in production of quality seed material. Academic rules and regulations are followed in all the courses. Candidates are provided with ID Cards, minimum attendance, classes are conducted by competent subject matter specialists and Marks card along with the candidate photo are being issued with University logo and Registrar's signature. Equal opportunity is given to women candidates.

Sl. No.	Courses	Number Admitted (A)	Number Completed (C)	Percent completed (%)
2021-22				
1.	One Year Diploma (Agriculture)	328	215	65.55
2.	Post Graduate Diploma in Agriculture	26	11	42.31
Certificate courses				
3.	Organic Farming (Postal)	58	29	50.00
4.	Integrated Farming System	14	3	21.43
5.	Beekeeping	22	12	54.55

2022-23				
1.	One Year Diploma (Agriculture)	331	248	74.92
2.	Post Graduate Diploma in Agriculture	14	7	50.00
Certificate courses				
3.	Organic Farming (Postal)	53	34	64.15
4.	Seed Production Technologies in Agriculture	24	12	50.00
5.	Agriculture Equipment Maintenance	14	7	50.00
2023-24				
1.	One Year Diploma (Agriculture)	159	109	68.55
2.	Post Graduate Diploma in Agriculture	8	14	175.00
Certificate courses				
3.	Organic Farming (Postal)	28	13	46.43
4.	Beekeeping	8	4	50.00
5.	Seed Production Technologies in Agriculture	9	4	44.44
2024-25				
1.	One Year Diploma (Agriculture)	119	106	89.08
2.	Post Graduate Diploma in Agriculture	11	9	81.82
Certificate courses				
3.	Organic Farming (Postal)	27	13	48.15
4.	Integrated Farming System	11	5	45.45
5.	Beekeeping	15	14	93.33
2025-26				
1.	One Year Diploma (Agriculture)	186	Yet to announce result	-
2.	Post Graduate Diploma in Agriculture	4		-
Certificate courses				
3.	Organic Farming (Postal)	28	Yet to announce result	-
4.	Beekeeping	16		-

Abstract of activities at DEU

Sl. No.	Course	Admitted (A)	Completed (C)	% Completed
1	One Year Diploma (Agriculture)	1,123	678	60.37
2	Post Graduate Diploma in Agriculture	63	41	65.08
3	Organic Farming (Postal)	166	89	53.61
4	Integrated Farming System	25	8	32.00
5	Beekeeping	61	30	49.18
6	Seed Production Technologies in Agriculture	33	16	48.48
7	Agriculture Equipment Maintenance	14	7	50.00

One year Diploma in Agriculture in Kannada

The University is offering courses on Distance mode on various aspects of Agriculture, encompassing crop production. Diploma course of two semester's duration will be networked through KVKs as study centres and the main campus at GKVK, the candidates will have an opportunity for one to one interaction with counsellors. The importance of the course is given below

1. The courses offered are designed and developed in such a way that all niche areas in agriculture are covered.
2. The curriculum is written in simple local language for the benefit of the candidates.
3. Self-Learning Study Material: The admitted / enrolled candidates shall be provided with self-learning study material for each course at the beginning of each semester and the same can be downloaded from the university website.

Post Graduate Diploma in Agriculture (PGDA)

The Post Graduate Diploma in Agriculture (PGDA) is a one-year (two- semesters) course offered on a distance learning mode. The program offers an excellent opportunity to study systematically the different subjects of agriculture and build the confidence among farm science graduates.

1. **Objective of the PGDA:** To enhance the technical competence of farm science Graduates in Agriculture and Allied subjects.
2. **Self-Learning Study Material:** The admitted / enrolled candidates shall be provided with self-learning study material for each course at the beginning of each semester and the same can be downloaded from the university website.
3. **Contact Classes and Project Work:** Candidates admitted to the program are required to attend contact classes at GKVK, Bangalore centre. They also have to carry out project work as per the guidelines for the project work that will be sent separately to the admitted students.

Integrated Farming System (IFS) in Kannada

This certificate course was started in 2014-15 and is a one-year (12 months) course and the curriculum is designed covering all the aspects of production enterprises in a farm towards sustainable agricultural development by reducing the cost and increase in revenue of the farm.

1. Minimum eligibility for the candidates to register for this course is 7th standard pass.
2. Every year in the month of March newspaper announcement will be given in Kannada Newspapers for all the Diploma and certificate courses. Candidates have to apply after advertisement. one can purchase or download the application form from the UAS website www.uasbangalore.edu.in and apply with necessary fees before last date
3. Course fee is Rs. 1500/-
4. Self-Learning Study Material: The admitted / enrolled candidates shall be provided with self-learning study material on integrated farming system in the beginning itself.
5. Contact Classes and Examination: Candidates admitted to the program are required to attend contact classes for 12 days in a year (10 days contact class), one day study holiday and one day exam at respective Nodal technical department, GKVK, Bangalore.
6. Issue of Certificate: Certificate shall be issued to the candidates on completion of all the requirements prescribed for the course.

Organic Farming (postal) in Kannada

This certificate course was started in 2014-15 and is a one-year (12 months) course and the curriculum is designed covering all the aspects organic farming conducted through postal.

1. Candidates who know to read and write are eligible.
2. Every year in the month of March newspaper announcement will be given in Kannada Newspapers for all the Diploma and certificate courses. Candidates have to apply after advertisement. one can purchase or download the application form from the UAS website www.uasbangalore.edu.in and apply with necessary fees before last date
3. Course fee is Rs. 200/-
4. Self-Learning Study Material: The admitted / enrolled candidates shall be provided with one chapter on organic farming for each month through post and the candidates have to read the material and answer the question for each chapter and has to send to the unit through post. Total 12 chapters will be sent to the candidates and the candidate has to send minimum answered 10 chapters to the unit.
5. Issue of Certificate: Certificate shall be issued to the candidates on completion of all the requirements prescribed for the course.



Candidate recieved marks card and certificate in State level one day workshop



Participants in State level one day workshop on Distance Education held on 27th January

Krishimela

Krishimela is one of the important mega events of the Directorate of Extension organised every year. The mela is organised to showcase the technologies developed by the University for the benefit of the farming community and extension functionaries of the line departments. The mela is organised in co-ordination with all the developmental departments, various public and private agencies to transfer the technologies to the intended clientele. Specifically, new varieties, inputs, machinery, live demonstrations, etc. under one roof for a period of four days. Farmers are invited to participate in the Krishimela since "*seeing is believing*" and are actually shown, all the latest technologies which are available for them in the field of Agriculture and allied sectors. In the mela a well organised exhibition of over 700 stalls established with participation of line departments, ICAR institutions, Agri input manufactures, SHGs, NGOs, Nationalized banks and agri related enterprises which is attracting lakhs of farmers every year. During the event, farmers and farm women are being awarded with various awards for their achievement

in the field of agriculture. To attract rural youth towards agriculture, University is honouring one young farmer and farm women from each taluk who have settled on agriculture and are model to other farmers.



District level Farmer awardees felicitated during Krishimela 2021



Hon'ble Governor of Karnataka visit to the crop demo plots



Aerial view of Krishimela



Inauguration of Krishimela by Hon'ble Governor of Karnataka



Release of new crop varieties by Hon'ble Governor of Karnataka



Inauguration of Krishimela 2023 by Hon'ble CM, GoK. Hon'ble DCM and Agriculture Minister



Hon'ble CM and other dignitaries viewing the crop demonstration



State level awardee farmers felicitated by Hon'ble CM, GoK during Krishimela 2023



Hon'ble Deputy Chief Minister, GoK visited the crop demonstration plot during Krishimela 2024



Taluk and District level awardee farmers were felicitated during Krishimela 2024



Crowd during Krishimela 2025



Inauguration of Krishimela 2025 by the dignitaries

Krishimela organised at UAS, GKVK, Bangalore from 2021-22 to 2025-26

Year	Krishimela dates	Duration (days)	No. of exhibition stalls	No. of Farmers / Public visited in Krishimela (Lakhs)	Business transaction (Rs. In crores)
2021-22	11.11.2021 to 14.11.2021	4 days	550	8.01	2.06
2022-23	03.11.2022 to 06.11.2022	4 days	776	7.35	9.01
2023-24	17.11.2023 to 20.11.2023	4 days	654	15.66	5.28
2024-25	14.11.2024 to 17.11.2024	4 days	740	34.16	6.17
2025-26	13.11.2025 to 16.11.2025	4 days	780	54.16	4.77
Total			**3500**	**129.34**	**27.29**

Abstract of Krishimela awards at UAS, GKVK, Bangalore

Year	State level	District level	Taluk level	
			Youth farmer	Youth farm women
2021-22	6	20	59	55
2022-23	6	20	60	59
2023-24	5	20	60	58
2024-25	6	20	60	60
2025-26	5	12	37	37
TOTAL	**28**	**92**	**276**	**269**

Krishimela organised at UAS, Mandya from 2021-22 to 2025-26

Year	Krishimela Dates	Duration (days)	No. of exhibition stalls	No. of farmers/public visited in lakhs
2021-22	01.12.2021 to 02.12.2021	2	182	0.80
2022-23	02.12.2022 to 03.12.2022	2	194	2.00
2023-24	04.12.2023 to 05.12.2023	2	218	3.00
2024-25	26.11.2024 to 27.11.2024	2	240	5.00
2025-26	05.12.2025 to 07.12.2025	3	374	10.00

Abstract of Krishimela awards at UAS, Mandya

Year	State level	District level	Taluk level	
			Youth farmer	Youth farm women
2021-22	0	2	7	7
2022-23	0	2	7	7
2023-24	1	2	7	7
2024-25	2	2	7	7
2025-26	0	0	0	0
TOTAL	**3**	**8**	**28**	**28**

Details of Extension Co-ordination mechanism followed

The University of Agricultural Sciences (UAS), Bangalore follows a well-structured and multi-tier extension coordination mechanism to ensure effective planning, implementation, monitoring and to assess impact of extension programmes across its jurisdiction. The mechanism integrates research, extension and development agencies to deliver relevant and need-based technologies to farmers. The institutional framework of UAS, Bangalore coordinates extension activities through a wide-ranging network that includes the Directorate of Extension, nine directorate units comprising the Staff Training Unit (STU), Farmers Training Institute (FTI), Farm Information Unit (FIU), Agricultural Technology Information Centre (ATIC), Institute of Baking Training and Value Addition (IBT&VA), National Agricultural Extension Project (NAEP), Distance Education Unit (DEU), and Agricultural Sciences Museum (ASM) at the headquarters, the State Agriculture Management and Extension Training Institute (SAMETI – South) at GKVK Bengaluru, Extension Education Units (EEUs) at Kolar and Mysore, seven Krishi Vigyan Kendras (KVKs), district and taluk level line departments, ICAR institutes, as well as NGOs, Farmer Producer Organizations (FPOs), Self-Help Groups (SHGs), and private sector partners, with the Director of Extension serving as the nodal authority responsible for the planning, coordination, implementation, and monitoring of all extension programmes. At the district level, KVKs and Extension Education Units (EEUs) serve as the nodal agencies for convergence and coordination, maintaining regular linkages with the Departments of Agriculture, Horticulture, Animal Husbandry and Veterinary Services, Fisheries, Watershed and Rural Development Agencies, NABARD, banks, cooperatives, and other line departments. The KVKs/EEU participate in District Agriculture and Technology Management Agency (ATMA) meetings, District Development Committees and other coordination platforms to align extension programmes with district priorities. UAS, Bangalore ensures strong linkages between scientists and farmers through a variety of activities, including scientist–farmer interactions, field visits and diagnostic surveys, frontline demonstrations, on-farm trials (OFTs), FFS capacity development programmes, special day celebrations, farmers' fairs and exhibitions, exposure visits, training workshops, awareness campaigns, extension advisory services, and dissemination through social media platforms and print media with feedback from farmers systematically documented by KVKs, EEUs, and other units and communicated to research stations and university departments for refinement and validation of technologies. Extension activities are planned and reviewed regularly through Annual Action Plan (AAP) meetings, Annual Review Meeting, KVK-Pre-Action Plan, Quarterly and monthly review meetings, Zonal Research and Extension Programmes workshops (ZREP), Bimonthly Workshop, Extension Education Council, KVK Scientific advisory committee meetings, Budget Meeting, Annual Stock Verification, Annual Auditing and Online Progress Review Meeting. These platforms ensure that extension programmes are demand-driven and aligned with local agro-ecological and socio-economic conditions. UAS, Bangalore promotes convergence with major government programmes, including PMFBY, PMKSY, RKVY, NFSM, the National Horticulture Mission, and livestock and fisheries development schemes with KVKs providing support in beneficiary identification, technical backstopping, and monitoring of programme impact at the field level. The extension system of UAS, Bangalore promotes capacity building and information flow through trainings, field days, exposure visits, ICT tools, WhatsApp groups, SMS and mobile applications, as well as publications, advisories and success stories, ensuring timely and effective dissemination of agricultural technologies and advisory services to farmers.

Brief note on Extension and Technology dissemination system followed

The Directorate of Extension, University of Agricultural Sciences (UAS), Bangalore function as the strategic interface between agricultural research and farming communities. Its extension system is structured on the principles of Agricultural Innovation Systems (AIS), pluralistic extension, participatory learning and demand-driven technology transfer ensuring that scientific innovations generated by the University are effectively transformed into field-level adoption. The Directorate operates through a multi-institutional and decentralized extension network comprising the Agricultural Technology Information Centre (ATIC), Farm Information Unit (FIU), Staff Training Unit (STU), Farmers Training Institute (FTI), Institute of Bakery Training and Valed Addition (IBT&VA), Agricultural Sciences Museum (ASM), Distance Education Unit (DEU), State Agriculture Management and Extension Training Institute (SAMETI-South), Krishi Vigyan Kendras (KVKs) and Extension Education Units (EEUs). These units function in a coordinated and corresponding manner to form a robust technology dissemination and capacity-building system across the University's jurisdiction. Through platforms such as ATIC, the University provides a single-window delivery system for agri-technologies, diagnostic services, advisory support and extension literature including packages of practices, technical bulletins and field guides. The Directorate also employs ICT-enabled platforms such as the e-Krishi UASB portal, mobile-based advisories and video-conferencing facilities to ensure timely, location-specific and real-time dissemination of scientific information to farmers and stakeholders.

The extension system emphasizes evidence-based technology promotion through on-farm testing, frontline demonstrations, FFS, diagnostic field visits, field/ farm trials and integrated farming system (IFS) demonstrations. These activities validate the technical feasibility, economic viability and risk-reducing potential of innovations under farmers' field conditions. The KVKs and EEUs act as the grassroots extension arms, facilitating farmer participation, learning-by-doing and accelerated adoption. A strong human resource development framework is maintained through KVK's, EEU, STU, FTI, SAMETI and DEU, which organize regular training programmes for farmers, farm women, extension personnel, rural youth, agri-entrepreneurs and NGOs. The Directorate offers skill-oriented trainings, certificate and diploma programmes, and refresher courses to enhance technical competence, managerial capacity and entrepreneurship in agriculture and allied sectors. The Directorate maintains a systematic two-way feedback mechanism wherein field-level constraints, farmer experiences and adoption gaps were documented by KVKs, EEUs and other Units and communicated to the research system. This feedback loop enables continuous refinement, localization and re-design of technologies making them more farmer-centric, climate-responsive and economically viable and feasible technologies.

Contributions of Directorate of Extension in academic programmes

Sl. No.	Name of the faculty	Chairman of Advisory Committee (No.)		Member for Advisory committee (No.)	
		Ph.D.	M.Sc	Ph.D.	M.Sc
1.	Dr. Y.N. Shivalingaiah	7	14	18	19
2.	Dr. K.P. Raghuprasad	5	4	7	8
3.	Dr. Manjunatha, R.	0	3	1	5
4.	Dr. Papireddy, M.	0	0	0	2
5.	Dr. Hanumantharaya, B.G.	2	3	16	26
6.	Dr. Mallikarjuna Gowda A.P.	4	1	0	0
7.	Dr. Eswarappa, G.	0	7	2	18
8.	Dr. P. Veeranagappa	0	5	4	32
9.	Dr. Venkate Gowda, J.	0	0	3	8
10.	Dr. Gopika C. Muttagi	0	2	1	5
11.	Dr Rajendra Prasad, B.S.	0	4	3	6
12.	Dr. Lata Kulkarni	0	1	1	1
13.	Dr. Dinesh, M.S.	0	0	0	7
14.	Dr. Anitha, S.	0	1	0	6
15.	Dr, Shankara, M.H.	0	5	3	7
16.	Dr. V. Govinda Gowda	3	3	1	0
17.	Dr. M. Shalini	0	3	3	11
18.	Dr. V.L. Madhuprasad	4	3	1	1
19.	Dr. Banu Deshpande	0	3	2	5
20.	Dr. Narayanaswamy, C.	1	4	2	5
21.	Dr.G. Gangadhar Eswar Rao	1	3	1	15
22.	Dr. R. Narayana Reddy	0	12	0	6
23.	Dr. K. Shivaramu	5	0	2	3
24.	Dr. S.V. Suresha	1	2	2	2
25.	Dr. Savita S. Manganavar	1	3	1	4
26.	Dr. Mamatha H. S	1	5	1	5
27.	Dr. Ashwini, A.	0	0	0	2
28.	Dr. Ashoka Doddamani	0	0	0	2
	Total	**45**	**91**	**75**	**211**

6.6.4.3. Extension Planning and Technological Impact

Technology impact of Krishi Vigyan Kendra's

- ✓ Integrated interventions in finger millet promoted improved varieties (KMR-630, KMR-301, KMR-316, KMR-340, ML-322), double cropping systems, STCR-based nutrient management and value addition across large areas (up to 53,100 ha), benefiting thousands of farmers. These technologies increased yields by 10–37% improved resistance to drought, blast and enhanced grain quality. Value addition and branding further raised farmer income by 20–25%. While double cropping improved land use efficiency and ensured additional income. Overall, the interventions significantly enhanced productivity, resilience and profitability of finger millet cultivation.
- ✓ Integrated Crop Management (ICM) practices in Redgram, implemented over an area of approximately 1145 ha/ district, included the adoption of improved varieties BRG-3 and BRG-5 along with seed treatment using bio-inoculants such as Rhizobium and Trichoderma, balanced nutrient management, timely sowing and eco-friendly pest management practices like neem-based formulations, pheromone traps and biocontrol agents. These interventions improved crop establishment, reduced pest and disease incidence, enhanced soil health and resulted in a yield increase of 15–20% over farmers' traditional practices.
- ✓ The Field bean variety HA-5 was demonstrated by KVKs for about 420 ha covering 560 farmers/district with biofertilizer seed treatment, integrated nutrient management (INM) and integrated pest management (IPM) practices. The intervention promoted improved crop nutrition, eco-friendly pest control and better crop establishment resulting in a yield increase of 12.5% (25.0 q/ha in HA-5 compared to 21.62 q/ha in the check).
- ✓ In plantation crops especially Coconut integrated pest management through pheromone traps and biological control significantly reduced red palm weevil and rhinoceros beetle incidence leading to 55–78% reduction in damage and improved farm productivity. Coconut-based interventions also supported youth employment through palm climbing training (FOCT) and enterprise development.
- ✓ Integrated crop management, safe ripening and direct marketing practices in Mango were implemented over 1200 ha covering 1680 farmers, resulting in an additional production of 3602 tonnes with a yield increase of 31.25% over traditional methods. The intervention included improved orchard management practices, eco-friendly plant protection and balanced nutrition along with safe ethylene-based ripening techniques to ensure quality fruit development. Direct marketing further helped farmers obtain better price realization by reducing intermediaries and improving market access thereby enhancing overall productivity, profitability and value chain efficiency in mango cultivation.
- ✓ Integrated maize technologies including Bio-K, nano-fertilizers, IPM for fall armyworm, improved hybrids and biofortified maize were demonstrated for about 7092 ha. These interventions involved large-scale farmer participation and significantly improved crop performance. Yield increases ranged from 6–10% with Bio-K, 14–23% with nano fertilizers, 10–60% with fall armyworm IPM and 10–25% under integrated crop management contributing to higher productivity, reduced losses and improved profitability in maize cultivation.
- ✓ In sericulture systems adoption of waste recycling microbial consortia and improved mulberry management practices led to yield improvements of 10–15% cocoon yield increases from 60 to

70 kg per 100 DFLs and income gains of ₹5,000–10,000 per crop. Large-scale compost production from sericulture waste also contributed to circular bio-economy development and reduced chemical fertilizer dependency.

- ✓ The multicut fodder variety COFS-31 was demonstrated across KVKs improving green fodder yield (25–30%), forage production (24%) and benefiting around 10800 farmers through higher productivity and better nutrition.
- ✓ In horticulture crops Tomato cultivation under integrated pest management achieved yields up to 67 t/ha with net returns exceeding ₹10 lakh per ha, while pomegranate recorded yield increases of 25–40% and tripling of income in some areas due to improved crop management and market linkages. Banana-based value addition and fiber extraction further created rural entrepreneurship opportunities.
- ✓ In oilseed and spice crops particularly, turmeric improved varieties such as IISR Prathibha were promoted through farmer participatory seed systems, resulting in seed production exceeding 2.5 lakh kg and expansion over 1250 acres, ensuring better availability of quality planting material and enhanced farmer income.
- ✓ In vegetable crops such as potato, onion, and green gram improved seed systems mechanization, and integrated pest management led to area expansion yield improvement and substantial economic gains including savings of ₹18 crore in seed import substitution in potato through ARC technology.
- ✓ Livestock and allied enterprises also showed strong impact with scientific sheep, goat and fish farming systems generating net profits exceeding ₹10 lakh per unit cluster annually and contributing to livelihood diversification.

Viksit Krishi Sankalp Abhiyan -2025

In a significant move to bolster agricultural development and empower farmers across India, the Indian Council of Agricultural Research (ICAR), in collaboration with the Department of Agriculture and Farmers Welfare, Government of India, has launched the 'Viksit Krishi Sankalp Abhiyan'. The 15-day nationwide agricultural outreach campaign launched on 29th May 2025 from Puri, Odisha by Shri Shivraj Singh Chouhan, Hon'ble Union Minister of Agriculture and Farmers' Welfare, Government of India, which runs from 29th May to 12th June, 2025, aims to promote advanced kharif crop technologies, disseminate information on government schemes and gather valuable feedback from farmers.As a part of the Abhiyana the UASB-KVKs (07) have been organized inauguration programme of VKS Abhiyan on 29.05.2025 at respective KVKs (Bengaluru Rural, Chamarajnagar, Hassan, Chikkaballapura, Mandya, Ramanagara and Tumakuru-I) and inaugurated the VKS Abhiyana through flagging off the Krishi Sankalpa Ratha. In the awareness campaign the Senior Scientist & Heads and Scientists of KVKs, Scientists from different ICAR Institutions *viz.*, IIHR, NIANP, NBAIR, NBSS&LUP, NIVEDI, line departments officials, other progressive farmers, DAESI candidates, representatives of SHGs and NGOs, etc were participated in the programme. A total 16 separate teams by involving KVK Scientists, ICAR Institutions-Scientists and Line Dept. Officials had organized 671 programmes by involving 1,41,664 farmers in 1170 villages from 29th May to 12th June, 2025 and created awareness to farmers on improved agricultural technologies like Improved varieties, seed treatment, importance of soil sampling and testing, Micro-irrigation systems, use of fertilizers, dairy, apiculture, pest and disease management in horticulture crops and also importance of drone in agriculture. In the interaction session, farmers obtained on spot solutions to their problems.



Director, IIHR distributed seed kits



DE UAS(B) participated in the VKSA programme



VKS Abhiyan programme



VKS Abhiyan programme





VKS Abhiyan programme



13th day of VKSA inagurated by Honorable minister V. Somanna at KVK - Tumakuru



VKS Abhiyan programme -2025 at KVK - Chamrajanagar

Pre-Kharif Campaign organized at KVKs of UASB

All the seven Krishi Vigyan Kendras and Extension Education Unit, Mysore by involving Agricultural Research Stations and Colleges of UAS, Bangalore organized "Pre-Kharif Campaign cum closing program of Vikasit Krishi Sankalp Abhiyan" on 12-6-2025 at their respective places (Bengaluru Rural, Chamarajnagar, Hassan, Chikkaballapura, Mandya, Ramanagara, Tumakuru-I & Mysore) in collaboration with line departments of the districts. A total of 6553 farmers were participated in the campaign and there were 87 stalls exhibited by involving all the developmental departments. During the programme, farmer - scientist interaction sessions were conducted to provide technical guidance to farmers to take up Kharif Agriculture activities along with exhibition. In the campaign, 538 consultancy services were provided to farmers, sold 29.28 quintals of quality seeds, 3.11 quintals of other inputs and 1922 plating material of UASB were sold in the campaign. Total amount of Rs. 3,80,452 turn-over was recorded in the campaign. Further, nine videos were developed about the campaign and 406 WhatsApp messages were shared to 33,551 members followed by 37 twitter messages to 301 members, 67 face book messages were sent to 12,531 members. With respect to mass media coverage more than 16 newspapers covered about campaign including radio and local TV channels.



Kharif Technical Campaign-2025 at KVK Hassan



Kharif Technical Campaign-2025 at KVK – Mandya



Inauguration of Kharif Technical Campaign-2025 Chamarajanagar



Kharif Technical Campaign-2025 at KVK Bangalore South

Village adoption programme (UASB)

The University of Agricultural Sciences, under the Directorate of Extension, implemented a Village Adoption Programme across all seven Krishi Vigyan Kendras (KVKs) during the period 2021–2025. The primary objective of this programme is to ensure the holistic development of the adopted villages by promoting sustainable agricultural practices, improving livelihoods, enhancing farmers' skills and facilitating overall rural development.

The Village Adoption Programme (VAP) represents a progressive extension methodology aimed at improving the socio-economic status of farm households through systematic transfer of technology and need-based interventions focusing on holistic rural development. Major technological interventions included the promotion of improved crop varieties such as Finger Millet (ML-322, ML-365), Fieldbean (HA-5), Redgram (BRG-3 & BRG-5), along with integrated nutrient and pest management practices of major crops, seed treatment using bio-fertilizer(Trichoderma, Asospirullum, PSB, AMC) improved fodder crops (CoFS-31), vermicomposting and mechanization (Cycle weeder, Coconut climber, Mango harvestor), Plant saplings (Mango, Sapota Jack guava, medicinal plants etc.) all of which contributed to enhanced productivity and sustainability. Soil health management through test-based fertilizer recommendations helped address nutrient deficiencies and increased yields by 15–20%, while also promoting balanced fertilizer use. Demonstrations on nutritious food habits reduced the average annual food expenditure of farm families (Rs.3000-5000/-). Livestock health was strengthened through 21 animal health camps benefiting over 2,590 animals with free treatment for common ailments such as foot-and-mouth disease, parasitic infections and skin disorders. Human health initiatives included free check-up camps for blood pressure, diabetes, vision and dental issues along with medicines and medical advice. Sanitation and waste management efforts in collaboration with the Gram Panchayat involved cleaning drains removing Parthenium, managing plastic waste and promoting decomposer use. Furthermore, convergence of services from departments such as Agriculture, Horticulture, Veterinary, KMF, Health and Gram Panchayats ensured effective and priority-based service delivery to the adopted villages. Overall through VAP there is a significant improvement in adoption of scientific practices like improved seeds , seed treatments using biofertilizers, balanced fertilizer recommendations improved nutrient management resulted in Yield increase of 10% to 30% and income increase of Rs.4,400 to Rs.32,490 per acre over farmer practices.

KVK	Village adopted
KVK Chikkabalapura	Brahmanadinne
KVK Bangalore Rural	Doddarayappanahalli
KVK Hassan	Rampura
KVK Tumakuru	Chikkahonavalli
KVK Bangalore South	Hakkinalu
KVK Charamarajanagara	Doddathuppuru
KVK Mandya	B Hulikere



Fieldday of Finger millet ML-322



Coconut dehusker for drydgery reduction demo in village adoption



Capacity building programme on IPM in Redgram



Animal health camp



Cowpea Seed treatment training



Village adoption programme covered in press

UAS-B Krishi Santhe

The Directorate of Extension, UAS-B organized "Krishi Santhe" as a novel initiative in the history of Farm Universities in the State on 22nd June, 2024 at its GKVK Campus, Bangalore. The Krishi Santhe served as a single platform to showcase products and technologies developed by UAS-B, its KVKs,

Agripreneurs, and SHGs. Owing to its success, the Santhe is now held regularly on the fourth Saturday of every month. So far, 13 Krishi Santhes' have been conducted, attracting over 204253 visitors, with 1007 exhibitors. The turnover increased significantly ranges from ₹9.22 lakh in the first Santhe to ₹22.50 lakh in the thirteenth, reflecting strong public support for sustainable and locally produced agricultural products.

Progress and Achievements of Raitha Santhe

Santhe No.	No. of stalls	Transactions (Rs. Lakhs)	No. of participants
1	43	9.22	15253
2	52	9.34	18500
3	59	9.67	19500
4	92	9.8	19000
5	118	14.5	23000
6	104	14.45	22500
7	109	15.47	23600
8	164	17.35	23900
9	136	22.5	24000
10	130	15.45	15000
11	137	22.5	25000
12	146	23.2	24500
13	144	22.5	23100
Total	**1007**	**137.75**	**204253**



Hon'ble DCM D.K. Shivakumar visited Krishi santhe stall



Hon'ble Agriculture minister Chaluvarayaswamy visited Krishi santhe stall



Hon'ble Home minister Dr. G. Parameshwar visited Krishi santhe stall



UASB Krishi santhe crowd

ATIC: Agriculture Technology Information Centre

a) **Impact assessment and technology spread (Sale of planting material, seeds, biofertilizer and books):** The activities of ATIC have created a significant impact in strengthening agricultural and horticultural development by ensuring the timely supply of quality inputs and improved technologies to farmers and urban residents. The sale of nearly 4 lakh planting materials of different horticultural crops has promoted crop diversification, improved orchard establishment, and increased adoption of superior university varieties. The distribution of 362 quintals of seeds of maize, sunflower, cowpea, ragi, and other crops helped expand cultivation of improved varieties across 75 acres, thereby enhancing productivity and varietal spread. Further, the supply of 2607 quintals of bio-fertilizers and nutrient mixtures supported balanced crop nutrition, improved soil health and encouraged sustainable farming practices among both rural and urban growers. The dissemination of Kannada literature, including package of practices for various crops, to nearly 29000 beneficiaries' strengthened farmers' knowledge, improved scientific crop management and increased awareness of universitytechnologies.

b) **Urban horticulture paid training programme:** ATIC's demand-driven urban horticulture training programmes have significantly promoted terrace gardening and sustainable urban living. Nine training programmes were conducted for 269 participants. Among them, 21 participants successfully established terrace gardens, improving household nutritional security through fresh and pesticide-free vegetables andfruits. The initiative improved awareness about efficient use of limited urban spaces andencouraged eco-friendly lifestyles, contributing to a greener, healthier and more sustainable urban environment.

Institute of Baking Technology and Value Addition (IBT&VA)

Brief description of IBT&VA-Institute of Baking Technology and Value Addition are serving under the Directorate of Extension, University of Agricultural Sciences, Bangalore. It was started during 1968 as Bakery Training Unit sponsored by US Wheat Associates, New Delhi, with the main objective to impart skill-oriented training programmes in bakery. The institute has been imparting training in bakery since last five decades for professional bakers, industrialists, SHG members, youth, housewives etc. to develop entrepreneurship and to create self-employment opportunities. Presently the institute is equipped with semi-automatic plant to conduct training programmes on large scale manufacture of bakery products by step by step process. Since from 2006, the institute has included "Food processing" as a component of training for processing and preparation of value added products from different agriculture produce such as fruits and vegetables, cereals, millets, milk, soybean, spices etc. The main aim of these trainings is to create technical competency and to develop confidence regarding different stages of food processing and

product development so has to promote entrepreneurship and to get employment opportunities in food industries. During 2008, the Bakery Training Unit received "National Productivity Council Award" from Ministry of Food Processing Industries, Government of India, New Delhi.

Mechanism in place to study the technological impact of IBT & VC

Ways of planning that supports enterprises	New Technologies deployed	New Technologies Commercialised
The institute is equipped with semi-automatic plant to conduct training programmes on large scale manufacture of bakery products by step by step process.	Training on handling of semi-automatic plant	Enriched Gluten free cookies
Hands on Training in preparation of Bakery & Value-added products	Training in preparation of new products	Low fat Little millet biscuit with WPC
		Low fat Foxtail millet biscuit with WPC
		Gluten free Little millet biscuit
		Gluten free Foxtail millet biscuit

Agricultural Sciences Museum

Agricultural Sciences Museum was established in the year 2013 and located near the entrance of GKVK campus in a sprawling area of 923 sq.ft. The main purpose of the museum was to display and disseminate information on agriculture and allied activities systematically through posters, charts, photographs, graphics, models, live specimens and other audio-visual format which has been developed and employed to depict the information convincingly for the benefit of students, farmers and general public. Exhibits related to history of agriculture, scenario of agriculture in Karnataka State, genesis of growth of agricultural university, has been developed and displayed in totally six galleries present in the museum. Agricultural Sciences Museum one of the biggest and first of its kind in Karnataka State has been started with an aim to showcase the information regarding agricultural and allied activities such as history of agriculture, agricultural scenario, sericulture, apiculture, farm forestry, climate change, farm mechanization, bio-energy, grain storage and extension technologies to the students, farmers and general public. Totally 10,300 people visited the museum in the year 2025-26 and it has generated a revenue of Rs.29,325/-.

Farmers Training Institute (FTI)

During 2021–2026, the Farmers' Training Institute has conducted extensive capacity-building programmes with a strong focus on mushroom production, vermicompost and millet processing technologies benefiting a large number of farmers and rural entrepreneurs. Mushroom production trainings were conducted repeatedly, with more than 45 programmes each year, training over 800 participants enabling adoption of low-cost and profitable agribusiness models. Vermicompost production technologies were also widely promoted through around 10 structured trainings, reaching over 250 participants, helping farmers convert agricultural waste into organic manure while improving soil health and generating additional income. In addition, millet is processing and value addition trainings were organized under advanced skill development initiatives, with about 4 major programmes training nearly 100 participants, empowering SHGs and farmers to produce and market value-added millet products.

Collectively, these focused interventions have strengthened entrepreneurship, improved nutrition awareness, and created sustainable livelihood opportunities among farming communities.

Distance Education Unit (DEU)

The Distance Education Unit (DEU) has been offering diploma and certificate courses in agriculture, showing consistent participation and outcomes over the years. In 2021–22, 328 candidates enrolled in the One Year Diploma in Agriculture and 26 in PGDA, with 215 and 11 completing respectively, while certificate courses saw moderate enrollment and completion. In 2022–23, 331 diploma and 14 PGDA candidates registered, with 248 and 7 completions, alongside improved participation in certificate programs such as organic farming and seed production. In 2023–24, enrollments declined to 159 (diploma) and 8 (PGDA), with 109 and 14 completions, while certificate course participation remained limited. In 2024–25, 119 diploma and 11 PGDA candidates registered, with 106 and 9 completing, and certificate courses like integrated farming, beekeeping, and organic farming showing moderate success. For 2025–26, 186 diploma, 4 PGDA, 16 beekeeping, and 28 organic farming candidates have enrolled. Overall, these programs play a vital role in enhancing scientific knowledge and practical skills, improving employability, and promoting entrepreneurship in agriculture, preparing candidates for roles such as field assistants, CRAs, and technical positions in both private and government sectors, while generating approximately 3–4% employment annually among trained candidates.

Farm Information Unit (FIU)

The Farm Information Unit (FIU) has shown a clear and consistent positive impact over the years, with a steady upward trend in its communication, media outreachand digital dissemination efforts. Media-related activities have increased progressively, with growing numbers of press visits, press releasesand press coverage each year, reflecting stronger engagement with print and electronic media. The publication of popular and success stories, as well as special articles in newspapers, has also shown a rising trend, indicating continuous efforts to share field-level experiences and practical agricultural innovations with a wider audience. Coordination with TV and radio programmes has expanded over the years, helping in reaching a broader farming community, including those in remote regions. Similarly, support to media personnel for preparing special articles has improved, contributing to more effective and informative agricultural reporting. A significant positive trend is observed in the dissemination of the Improved Package of Practices in Agriculture. The outreach has reached a cumulative scale of about 2,86,545 farmers and farmer groups through WhatsApp, with the number of beneficiaries increasing year by year as digital adoption grows. In addition, the Improved Package of Practices in Sericulture has been shared with around 5,550 members and this outreach is also gradually expanding over time. Continuous updating and upgrading of the Package of Practices ensures that farmers receive the latest, need-basedand location-specific recommendations. Overall, the increasing numbers across media engagement and the large-scale digital dissemination clearly indicate that FIU is expanding its reach and effectiveness every year, thereby strengthening the linkage between research and farmers and promoting the adoption of improved agricultural practices.

ODOP: One district one product

Established small processing unit & incubation centers at in three KVKs of UASB *viz.,* Chickballapura, Ramanagara and Chamarajanagara to promote secondary agricultural activities under ODOP project.

KVK Chikkabalapura

The Common Incubation Centre (CIC) for tomato, fruit, and vegetable processing established at ICAR-Krishi Vigyan Kendra Chikkabalapura under the "One District One Product" (ODOP) initiative has created significant socio-economic impact in Chikkaballapura district during the last five years. The project, approved on 13th May, 2021 with a grant of □2.08 crore, provided a modern platform for tomato growers, Farmer Producer Organizations (FPOs), Self-Help Groups (SHGs), rural youth, and entrepreneurs to undertake value addition and agro-processing activities. Establishment of the processing line and food testing laboratory improved access to scientific processing, quality assurance, packaging, and food safety compliance facilities within the district. The CIC promoted entrepreneurship development and generated direct and indirect employment opportunities in processing, packaging, marketing, transportation, and allied sectors. Capacity-building programmes organized during 2024 enhanced the technical knowledge and business skills of farmers, SHGs, and FPO members in value addition, branding, and enterprise management. The processing facility strengthened the horticultural value chain by reducing post-harvest losses, improving shelf life of tomato and vegetable products, and enabling better market linkage for producers. Availability of modern processing infrastructure encouraged adoption of improved processing technologies and promoted small-scale agro-based enterprises in rural areas. The unit also contributed to enhancement of farmers' income through value-added products such as tomato puree, sauces, and processed fruit and vegetable products, thereby improving livelihood security and socio-economic status of beneficiaries. Operationalization of the unit through Girish Enterprises during 2025 ensured effective utilization of the facility and promoted sustainable business opportunities in the district. Overall, the CIC emerged as an important institutional platform for rural industrialization, employment generation, entrepreneurship promotion, and strengthening of the horticultural economy in Chikkaballapura district.

KVK Bangalore South

The Common Incubation Facility (CIF) for coconut processing at ICAR–KVK, Bangalore South (**Ramanagara**) located at Chandurayanahalli was established to promote value addition and entrepreneurship among farmers by providing infrastructure for processing products such as virgin coconut oil (VCO), coconut milk, coconut milk powder, desiccated coconut powder, and low-fat desiccated coconut powder. Set up with an approved cost of □2.64 crore under the PMFME scheme, the facility became operational on 02.04.2026 with the establishment of a food testing laboratory, and its operations and maintenance are managed by M/s Cocoman India LLP (engaged from 28.08.2025). The unit is equipped with specialized machinery and laboratory facilities for quality control, supported by scientific guidance from ICAR-CPCRI experts, with a monthly processing capacity of 5 tons of desiccated coconut powder, 3 KL of VCO, 2.5 tons of coconut milk powder, 10 KL of coconut milk, and 3 tons of low-fat desiccated coconut powder. The facility follows a user-charge system where incubates bear operational costs such as raw materials, water, electricity, and labour, and it provides hands-on training and exposure to both processing technologies and marketing, thereby enabling farmers and entrepreneurs to enhance income through coconut-based value-added products.

KVK Chamarajanagara
ICAR-Krishi Vigyan Kendra, Chamarajanagara Turmeric processing unit established under the "One District One Product" (ODOP), CIC for Turmeric value-added products Approval date: May13, 2021, Funding & cost: Approved grant of Rs. 1.43 Crores, Opportunity: Provides a venue for Turmeric growers to create value-added products.Equipment installation and food testing laboratory established were compted by 2025, concent to operate taken from Pollution control Board, Installation completed, MoU done with contractor operations were officially handed over to "M/s. Sri Lakshmi Devi FPC" on 10th March, 2025, Turmeric value added products The units focuses on Turmeric processing viz., washing, boiling, drying , polishing and powder to double the farmers income by producing 70 tonnes of turmeric powder worth of 1.8 crore rupees in Chamarajanagara








ODOP processing Unit Photos

Man ki baath highlights (KVK Chamarajanagara)

On 26.11.2024, During Hon'ble PM Man ki baath Program highlighted about Mrs. Varsha from Ummathur, Chamarajanagar District about her waste to wealth programme, i.e., products prepared from banapseudostem to banana fibre. From banana fibre she is making banana fibre products of diferent products.

PM Kisan Samman Nidhi

Krishi Vigyan Kendras (KVKs) of Chikkaballapura, Bengaluru Rural, Bengaluru South, Tumakuru-I, Mandya, Hassan and Chamarajanagara have been actively contributing to the effective implementation and outreach of the Pradhan Mantri Kisan Samman Nidhi (PM-KISAN) scheme through coordinated extension efforts organising 42 programmes covering 18800 farmers. These KVKs have undertaken a range of activities including farmer meetings, awareness campaigns, training programmes, field visits, and special enrolment drives to educate farmers on eligibility criteria, registration procedures, e-KYC compliance and the importance of Aadhaar and bank account linkage for timely receipt of financial assistance. Further KVKs strengthened outreach through digital platforms such as WhatsApp groups and mobile advisories, and facilitated grievance redressal and beneficiary updates in coordination with concerned departments. It also promoted complementary initiatives like PMDDKY to enhance agricultural development through convergence. Overall, the collective efforts of these KVKs have significantly improved farmer awareness, enrolment, and effective utilization of PM-KISAN benefits, ensuring timely financial support and promoting informed decision-making in agricultural practices. These initiatives demonstrate the critical role of KVKs in bridging policy implementation and grassroots-level impact through integrated extension strategies.



Felicitation of farmers during 19th installment of PM-Kisan Samman Nidhi release programme



Dignitaries and farmers watching live telecast programme of PM Kisan Samman Nidhi 20th installment

FPO Strengthening

Krishi Vigyan Kendras (KVKs) have been playing a significant role in strengthening 52 Farmer Producer Organizations (FPOs) through sustained technical backstopping, capacity building and institutional development support. KVKs are actively engaged in the formation, handholding and strengthening of

FPOs by providing regular training programmes, field visits, diagnostic interventions and need-based advisory services aimed at improving production systems, value addition, post-harvest management and collective marketing. KVK Bengaluru South is supporting 12 FPOs by promoting integrated crop management, entrepreneurial development, and market linkage strategies, thereby enhancing farmer collectives and income opportunities. Similarly, KVK Chikkaballapura is focusing on FPOs engaged in ragi, millets, tomato, and rose onion production systems, promoting aggregation, value addition and improved market access. KVK Bengluru Rural has facilitated the establishment of four FPOs with support from NABARD, while KVK Hassan and KVK Mandya have collectively supported more than 12 FPOs. KVK Tumakuru has provided technical support to around 14 FPOs, along with capacity-building programmes that have resulted in notable improvements in crop productivity and farmer participation in value-added enterprises. A notable success is the Chasiri FPO in Chamarajanagara, which has demonstrated strong institutional growth with over 348 shareholders and significant business turnover exceeding one crore rupees. The FPO has enhanced sericulture productivity, promoted eco-friendly inputs, supported women's entrepreneurship and generated substantial additional income for farmers in the region. Overall, the coordinated interventions of KVKs have strengthened FPOs to improve technology adoption, enhanced market integration and contributed to increased farm income and sustainable rural livelihoods.



Distribution of biopesticide to FPO CEO



Capacity building programme for FPO members

Waste to wealth management

Krishi Vigyan Kendras (KVKs) have made significant contributions to promoting "Waste to Wealth" initiatives by converting agricultural residues and organic wastes into value-added resources through scientific and eco-friendly technologies organising 710 farmers covering around 22800 farmers. These interventions have strengthened circular bio-economy, improved soil health, enhanced farmer income and promoted sustainable agricultural practices. KVK Chikkaballapura has promoted recycling of sericulture farm residues using waste decomposer consortia converting 2–3 tonnes of waste annually into 1.5–2.0 tonnes of compost reducing chemical fertilizer use by 20–30% and increasing crop productivity by 10–15%. KVK Hassan has demonstrated large-scale composting of areca husk and sericulture waste producing 35 tonnes of compost annually while also training rural youth in vermicompost production leading to the establishment of new agro-waste enterprises. KVK Bangalore South has supported composting initiatives from areca husk and sericulture waste resulting in production of about 32 tonnes of compost annually by adopting farmers along with training rural youth who have established vermicompost enterprises. The district has also developed over 1,300 vermicompost units generating substantial income and organic inputs for farming systems. KVK Bangalore Rural has promoted innovative "Waste to Wealth" programmes, including value addition of flower waste into agarbatti, dhoop

and biodegradable products through skill development training for rural women and youth. KVK Tumakuru has successfully implemented large-scale waste recycling programmes training over 500 farmers and increasing adoption of composting practices up to 75% leading to improved soil organic carbon reduced chemical fertilizer use and enhanced farm income. KVK Chamarajanagara has demonstrated a successful women-led enterprise model through banana stem value addition converting agricultural waste into fibre-based products, edible items and organic manure generating employment for rural women and achieving an annual turnover of ₹5.4 lakh with additional environmental and livelihood benefits. Overall, these initiatives have significantly reduced agricultural waste, improved soil fertility, enhanced income generation, promoted rural entrepreneurship and contributed to environmentally sustainable and climate-resilient farming systems.



Method demonstration on composting



Method demonstration on cocoon crafting

Soil lab NABL accreditation status

All KVKs have submitted the required documents for accreditation, and the process is currently underway. The applications are under review by the concerned authorities, and necessary verifications are being carried out as per guidelines. The accreditation outcome is expected following the completion of the evaluation process.



Soil lab

Seed Hub

A seed hub on pulses was initiated at ICAR- KrishiVigyan Kendra, V. C, Farm, Mandya entitled "**Creation of seed hubs for increasing indigenous production of pulses in India**" funded by IIPR, Kanpurwith an objective to produce quality pulse seed by popularizing pulses in Mandya region and to enhance pulse production and accessibility to improved varieties in the form of varietal replacement. The

project represents a transformative approach to agricultural sustainability, addressing one of the most critical bottlenecks in pulse production: with the timely availability of quality seeds. Recognizing that high-quality seed is the foundational input for securing higher yields, this initiative decentralizes seed production to bridge the gap between agricultural research and the farming community. The project was formulated in farmers participatory mode wherein seed production of pulses such as blackgram, greengram, cowpea, redgram, fieldbean and horsegram was taken up. By engaging progressive farmers directly in the seed multiplication process with localized approach ensuring that the seeds produced are highly adapted to the specific agro-climatic conditions of the region, significantly reducing transportation delays and ensuring that high-quality seeds are available to neighbouring farmers at affordable prices. The quality and viability of the output, under participatory model has fortified by targeted Technological Interventions. Farmers are equipped with high-yielding, disease-resistant variety seeds and trained in rigorous, scientific seed production protocols in association with Karnataka state seed certification agency. The interventions include improved agronomic practices with improved varieties with line sowing instead of broad casting, use of bio-fertilizers (rhizobium and PSB), recommended nutrient, pest and disease management practices were introduced to farmers through trainings and method demonstration techniques. This ensures the final output maintaining genetic and physical purity standards.

Production and sale of pulses under seed hub on pulses

Sl. No	Year	Production (q)	Sale (q)	Amount realised (Rs.)
1	2021-22	62.62	62.62	814060
2	2022-23	56.27	56.27	731510
3	2023.24	140.43	140.40	1931581
4	2024-25	63.15	69.53	938655
5	2025-26	257.92	90.00	1350000
	Total	**580.39**	**418.82**	**57,65,806**

As a result, the seed production accounts to 580.39 q and sale to the famers of Mandya district and also the neighbouring districts viz., Chamarajanagar, Mysore, Ramanagar, Hassan, Shivamogga and Udupi districts spreading to an area 2094ha. Hence the project serves as a socio-economic catalyst, by integrating modern technology with grassroot participation, it transforms farmers from mere consumers into vital stakeholders in seed supply chain, fostering self-reliance, boosting agricultural income.

6.6.4.4. Implementation of National Initiative

Brief information about green initiatives at campus

University of Agricultural Sciences, Bangalore is a premier university acknowledged globally for its variety of impetus. It has drawn the attention of the international educational community to its recognition in terms of both quality and quantity. The GKVK campus of the University of Agricultural Sciences covers 559 ha, of which 167 ha has been designated as a Biodiversity Heritage Site by the State Biodiversity Board. The campus is considered one of Bengaluru's greenest regions. The Mahatma Gandhi Botanical Garden of the GKVK campus supports collection of 1009 species of important plants. The biodiversity of the campus includes 13 species of mammals, 10 species of reptiles, 165 species of birds and 520 plant species. Endemic and threatened plants of Western Ghats are conserved in Botanical Garden. Green Campus Programme has been initiated in the campus during the year 2020-21. Under this

programme each student has been assigned to plant one tree and they have to nurture the trees until their graduation. Each tree has been geo tagged. Further, based on the succeed to plants the student will be issue "Green Certificate".

As part of the University's Green Programme, the campuses strive to minimise wates through reuse, reduction and recycling, ensuring cleanliness and environmental sustainability. Organic waste or wet waste, such as kitchen waste, animal waste, dry leaves and agriculture waste, is managed by the university by composting, vermi-composting, piggery, biogas and for biodigester. The kitchen waste obtained from the hostels is used to make biogas used for cooking and electricity generation. The biowaste of cows, sheep, goat reared in the GKVK farm are being used for the bio-methanation process. About 4 to 5 tons of cow dung and agricultural waste available at the GKVK campus is being used for biogas generation of 200m3 capacity. The biogas plant generates about 300-320 electrical units per day. Twenty-five biogas-based power generation units have been established in the farmers condition as a PPP model.

To eliminate plastic waste, the Green Campus Campaign Authorities (NSS coordinators) ensure that the green protocol is followed in all programmes on campus. Single-use plastic is prohibited on campus, and alternatives, such as cloth bags, are marketed to sell university merchandise (seeds). On campus, innovative approaches such as pyrolysis are being used to eliminate plastic and agricultural waste. The paperless office programme, which included office automation and continuous measures to eliminate plastic carry bags and public address systems, helped reduce different solid waste types. E-waste is hazardous to both human health and the environment. Electric goods are used to their full potential thanks to regular upgrades and repairs performed by the manufacturers. A periodic inspection ensures that non-working electronic devices are properly disposed off. Computers, printers and other ICT equipment are bought back and E-waste produced on campus is collected and disposed of by dealers by inviting tenders. With the aid of ITC India Ltd, used papers from each office are recycled. The University has implemented a one-of-a -kind model. The University has joined hands with Central and State Governments and also with all stakeholders in the implementation of Swatcha Bharat Abhyan for segregation, collection and disposal of different types of waste generated in the University headquarters and its teaching, research and extension units. In this regard, several awareness programmes have been conducted involving students, farmers, farm women and other stakeholders.

The university places a greater emphasis on water conservation. On the campus, 4.0 lakh litres of waste water are treated per day and reused for landscaping and irrigating experimental plots and plantations. The campus also has a 395.5 lakh litres water harvesting structures and bore well recharging systems. A rooftop harvesting system has been adopted in every campus building used for irrigation and field experiments. Water harvesting in the campus has been developed to collect the rainwater at the vantage points of the campus. This programme is also adopted in the other sub-campuses of the university. The significant activities carried out like natural resource management through construction of farm ponds, percolation tanks, trench cum bunds, nala bunds, desilting etc. These interventions created additional water storage capacity of more than three crores litres of water and improved groundwater table.

The University's energy conservation programme includes renewable energy sources such as solar energy, LED bulbs and biofuel. On the main campus, 100kW of solar energy is produced every day, while other sub-campuses produce 50kW. Solar water heating systems have been built in all of the University's hostels. For energy conservation LED bulbs are installed in classrooms, office, library and hostels. Another renewable energy sources is biodiesel, which is generated in the demonstration plant at a rate of

3000 litres per year. With Hindustan Aeronautics Limited's support, the biodiesel quality assurance laboratory will be further strengthened. Solar street lights are installed on all of the university campuses. Solar sensor-based irrigation systems are adopted and also university scientists have developed solar operated portable honey extractor.

To further reduce the university carbon footprint, the University has implemented an eco-friendly transportation system on campus. To get to various departments, experimental area, and other locations on campus, students and staff use campus bicycles, battery powered cars, and e-vehicles (buggies & scooters). Rainwater collection, waste water treatments, and growing green cover on campus by planting more saplings are all ways that the university reduces its reliance on groundwater.



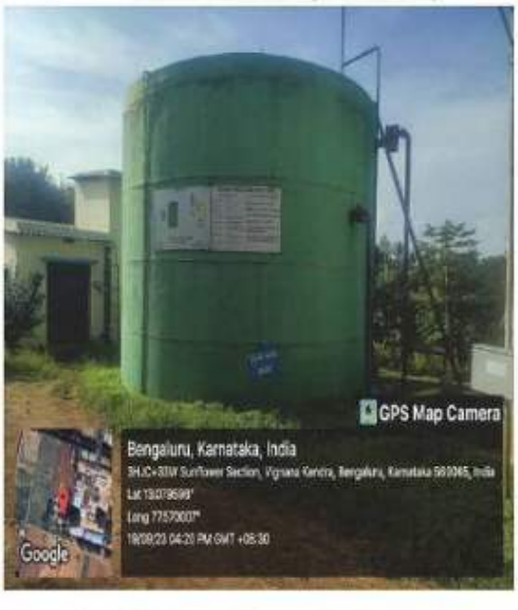
5HP On Grid Solar Pump Unit at Agro.Forestry Demo Plot, L-Block



10 kwP Roof Top Solar Unit at International Students Bostel (New Block)



100 KWp On Grid Solar Plant Near Biotechnology Building



Biogas Plant 200 cum Biogas Per Day



Electric Buggy-1 at the Campus



Electric Buggy-2 at the Campus



Compost unit



Bio-composter unit





Vermicompost in the Department of Sericulture, UAS, GKVK



Mulberry twigs



Silkworm rearing waste



Vermicompost harvested

Conversion of Mulberry twigs and silkworm rearing waste to vermicompost in the Department of Sericulture, UAS, GKVK

District Agro-Met Unit (DAMU)

District Agro-Meteorological Units (DAMUs) established at Krishi Vigyan Kendras (KVKs) in Bengaluru South, Tumakuru, Mandya and Chamarajanagara have been actively providing weather-based agro-advisory services from 2021–22 to 2025–26 contributing significantly to climate-smart agriculture and risk reduction in farming systems. These units generate location-specific agrometeorological advisories based on real-time weather data to support farmers in crop planning, irrigation scheduling, pest and disease management and harvesting decisions. KVK Bengaluru South DAMU has generated between 1060 advisories annually reaching up to 29,200 registered farmers, KVK Tumakuru has generated between 652 advisories annually reaching up to 52,300 registered farmers, KVK Mandya has generated 579 advisories annually benefiting over 25,100 farmers, while KVK Chamarajanagara has delivered 624 advisories annually reaching up to 47,828 farmers through SMS and WhatsApp platforms. Over the years, DAMU services have evolved from basic weather advisory dissemination to advanced climate-smart agricultural decision support systems. The integration of ICT tools such as SMS and WhatsApp groups has significantly enhanced outreach and effectiveness. Overall, DAMU interventions across KVKs have improved farmers' preparedness for weather variability, reduced crop losses, enhanced resource-use efficiency and strengthened resilience of farming systems under changing climatic conditions.



Weather-based agro-advisory services through SMS and WhatsApp

National Food security mission (NFSM)

Under the National Food Security Mission (NFSM) KVKs implemented large-scale frontline demonstrations from 2021–22 to 2025–26 to enhance pulse and oilseed productivity through improved varieties and integrated crop management practices. In Chikkaballapura, demonstrations on redgram (BRG-5), sunflower, groundnut and castor promoted seed treatment with biofertilizers, Trichoderma, PSB, integrated nutrient management, nipping, micronutrient sprays (Pulse Magic, boron) and IPM practices, resulting in higher yields such as 12.42 q/ha in redgram, 17.65 q/ha in sunflower, 19.60 q/ha in groundnut and up to 24.6 q/ha in groundnut under CFLD oilseeds. Bengaluru Rural implemented BRG-3 redgram demonstrations in rainfed clusters using Rhizobium, PSB, Trichoderma, Pulse Magic and IPM modules, achieving improved yields and wider adoption. Bengaluru South enhanced redgram productivity through 13 clusters using INM, seed treatment, mechanical nipping and pheromone traps, recording yields up to 11.10 q/ha compared to district averages. Tumakuru implemented BRG-5 redgram demonstrations over 20–80 ha using similar technologies, improving productivity, resource-use efficiency and farmer adoption. Mandya expanded NFSM interventions across redgram, cowpea, blackgram and horsegram using improved agronomic practices, achieving yields up to 10.20 q/ha in redgram and 8.9 q/ha in blackgram under model pulse villages. Chamarajanagara promoted chickpea (JAKI-9218) and blackgram with INM, seed treatment and pest management, increasing yields up to 16.35 q/ha. Hassan focused on cowpea (KBC-9) in paddy fallows with biofertilizers, Trichoderma, Pulse Magic and IPM, achieving yields up to 7.97 q/ha and expanding area coverage.



Field day on ICM in Chickpea under Cluster FLD



ICM in Regdram



Distribution of seeds under NFSM@ KVK, Tumakuru

National Innovations on Climate Resilient Agriculture (NICRA)

NICRA-KVK Chikkaballapura

NICRA Impact The National Innovations on Climate Resilient Agriculture (NICRA) project has been implemented by ICAR–KVK, Chikkaballapura from 2011 to 2025 in two phases covering four villages (S. Raghuttahalli, Madamangala, Hanumaigarahalli and Somakalahalli). The project focused on enhancing climate resilience through natural resource management, crop production, and livestock-based interventions. Over the years, significant investments have been made in water harvesting structures such as farm ponds, percolation ponds, check dams, nala bunds, and trench-cum-bunds, creating an additional water storage capacity of about 3.94 crore litres. The project covered more than 900 farmers across ~450 ha area through various technological interventions. A total budget of approximately ₹63.49 lakhs (2021–2026 phase-II) was utilized. These interventions improved groundwater recharge (up to 73.7%), increased irrigated area, enhanced cropping intensity, and stabilized farm income. Climate-resilient technologies like compartmental bunding, intercropping, improved varieties, and integrated farming systems significantly increased productivity, income, and water use efficiency in the NICRA villages Natural resource Management.



Nala bund



Check dam



Percolation pond



Farm pond



Trench cum bund



Trench cum bund



Before



Before



Before



After



After



After

Note: Average depth of open wells=40 ft; Water level as on December 2024 is 7 ft.

NICRA -ICAR KVK Chamarajanagar

Under the NICRA project ICAR–KVK Chamarajanagar implemented climate-resilient agricultural interventions in Putthanapura village after a detailed baseline survey covering cropping patterns, rainfall (630 mm), land use and socio-economic conditions classifying farmers into four typologies (rainfed/irrigated with/without livestock) where 499 ha out of 523 ha is rainfed; the project addressed traditional practices like broadcasting, use of local varieties and unscientific input application by introducing line sowing, improved drought-resistant and short-duration crop varieties such as CRHG-19 in horse gram, KBSH-78/90 in sunflower, and CSH-30/41 in sorghum resulting in 40% yield increase and reduced input costs along with improved varieties of Bengal gram. While strengthening livestock-based livelihoods through animal health camps, backyard poultry, fodder cultivation (COFS-29), hygiene kits and cow mats. Natural resource management interventions like farm ponds, trench-cum-bunds and live bunding enhanced water conservation (up to 100,000 litres harvested) supported by dryland horticulture and agroforestry plantations. Mechanization was promoted through a custom hiring centre supplying various implements generating ₹18,000–20,000 annually. Capacity-building programs on NRM, livestock and IFS reached hundreds of farmers supported by VCRMC institutional mechanisms and scaling up of technologies through convergence with departments like agriculture, horticulture, forestry and animal husbandry mobilized significant funds and expanded adoption (e.g., horse gram varieties from 20 to morethan 150 farmers). Overall with a total budget of ₹45.85 lakh (2021–2026), NICRA interventions significantly enhanced climate resilience, productivity, income and sustainability of farming systems in the village.

The details of the major crops, area spread, number of farmers and area covered under different TDC components from **2022-23 to 2025-26**:

Sl. No.	Crop/ NRM/ Live stock	Area in ha	Farmers involved	Increase in yield (%) or impact
1	Sunflower	223	586	7-14%, 10 days advance in crop duration which escaped terminal; drought stress
2	Sorghum	62	156	30-40%, dual purpose high yielding and drought resistant hybrids
3	Horsegram	27	75	9-17%, 10 days advance in crop duration which escaped terminal; drought stress
4	Bengal gram	08	40	12-15%, high yielding and wilt and drought resistant
5	**NRM** Farm ponds and trenchcum bunds (TCBs)	09 farm ponds	08 TCBs	Water harvested was used for protected irrigation and bore well recharge was observed by harvesting 100000 litres of rain water
6	**Livestock:** Fodder	20	120	Year round fodder availability and improved milk yield
7	Hygiene, cow mat and backyard poultry	50	50	Livelihood generation from poultry and income






Fodder cultivation: COFS 29/3 multicut fodder sorghum for year round availability of fodder

Technology spread through up scaling & details of convergence (2022-2025)

Name of the climate resilient technology	Area (ha) (initial Adoption with the technology)	Initial farmers (No)	Area (ha) (Adoption with the technology after scaling up)	After scaling up farmers (No)	Convergence with agency/ scheme	Approx. amount (₹) mobilized
CRHG-19 and 18R varieties of horse gram	0	20	60	>150	Farmer participation seed production	493000
Multicut fodder CoFS-29 Fodder availability and improved milk yield	20	20	40	40	DAPSC	20000
Backyard Poultry Livelihood for farmer	-	50	-	100	DAPSC	90000
Silage making drums Fodder availability	-		-	110	DAPSC	99440
Cow mat and hygiene kit Animal health campaign and quality milk production	-	30	-	67	DAPSC	80000
Drone in agriculture	15	10	25	30	Dept of	15000

(Application of micronutrient mixture) Labour saving and large area coverage and PPC application					Agriculture, Karnataka and IFFCO	
Farm pond and trench cum	13	08	15	11	50% farmers contribution	-
Dry land horticulture and agro forestry	15	40	-	-	Forestry &Horticulture Department	15000

National initiative	Year of start	Current Status/ (On-going / completed)	Total Funding Received (Rs. in lakh)	Significant Extension Programmes organized	Significant Milestones Achieved
National Innovations on Climate Resilient Agriculture (NICRA)	2021	on-going	72,33,000	In S. Raguttahalli NICRA village, multiple water harvesting structures including farm ponds, nala bunds, check dams, and tank desilting together created a substantial water storage capacity of about 3.34 crore litres, significantly enhancing rainwater conservation and groundwater recharge. Farm ponds (8 Nos.) and two check dams supported supplemental irrigation, while nala bunds and tank desilting contributed the major share of stored water for community use. In Hanumaigarahalli NICRA village, construction of 3 check dams added an additional 42 lakh litres of water storage capacity, improving water availability during dry spells. Overall, NICRA interventions from	Progressive expansion and diversification of horticulture seedlings production, with total area 28.3 ha. Around 3500 horticultural seedlings planted in NICRA villages and 186 strong farmer participation. Introduction and scaling up of major fruit crops like mango (Mallika & Totapuri), lemon, sapota,

				2021–25 strengthened village-level water security, improved resilience to climate variability, and supported sustainable agricultural production in both villages.	and coconut, ensuring year-round nursery demand and crop diversity. Coconut (tall) and mango seedlings emerged as key focus crops during 2023–2024, engaging higher numbers of farmers and covering larger areas. Strengthened regional horticulture development through varietal promotion (V-4 cashew, PKM-1 tamarind, Allahabad Safed guava), supporting long-term orchard establishment and income generation
National Innovations on Climate Resilient Agriculture (NICRA)	2021	Completed (March 2026)	35.00	In Puttanapura NICRA village, multiple water harvesting structures including farm ponds, nala bunds, check dams, and tank desilting together created a substantial water storage capacity, significantly enhancing rainwater conservation and groundwater recharge. Farm ponds and trench cum bund (13 Nos.). Overall, NICRA interventions from 2023–25	Progressive expansion and diversification of horticulture seedlings production, with 40 farmers, CRHG-19 horsegram variety to 20 farmers which

				strengthened village-level water security, improved resilience to climate variability, and supported sustainable agricultural production.	scaled up to 150 farmers, multi cut fodder COFS-29 to 20 farmers and after scaling up to 40 farmers, Backyard Poultry for 50 farmers, Silage making drums for 110 farmers, Cowmat and hygiene kit for 30 farmers, drone in agriculture (Application of micro nutrient mixtures for 10 famers.



ZMC members visited check dam at NICRA village



Training programme on IPM in Tomato at NICRA village



Animal Health camp



Silage production

Attracting and Retaining Youth in Agriculture (ARYA)

The Attracting and Retaining Youth in Agriculture (ARYA) programme implemented by the University of Agricultural Sciences, Bengaluru (UASB) represents a first-time initiative aimed at engaging rural youth in agriculture by making it more attractive, profitable and self-employment oriented. For the first time the programme systematically focused on identifying unemployed rural youth and providing structured skill development, hands-on training and entrepreneurship support in key agri-based enterprises such as mushroom cultivation, vermicomposting, beekeeping, dairy and livestock management, value addition of agricultural produce and agri-input services. It also introduced a coordinated approach for enterprise establishment through technical backstopping, exposure visits, and linkage with markets and financial institutions. ICAR - Krishi Vigyan Kendra, Bengaluru Rural District conducted skill development trainings for rural youts under the project entitled "Attracting and retaining rural youth in Agriculture (ARYA)'. The skill training programmes mainly focused on bee keeping, coconut climbing, vermi compost production and millets-based value-added products during the years 2021-22 to 2025-26, totally 380 rural youths were trained with a budget outlay of Rs. 30,79,113-00. Out of 380 rural youths 215 were established their own entreprises since from 2021-22 to 2025-26. And earned average income of Rs. 1,20,000 / year / person.

Yearwise activity organised under ARYA

2021-22	2022-23	2023-24	2024-25	2025-26
120 Rural youth were trained in 6 batches under Bee keeping, Coconut climbing and vermi compost production with a total budget out lay of Rs. 18,73,643-00	60 Rural youth were trained in 3 batches under Bee keeping, Coconut climbing and vermi compost production with a total budget out lay of Rs. 4,27,153-00	60 Rural youth were trained in 3 batches under Bee keeping, Coconut climbing and Millets value addition with a total budget out lay of Rs. 4,25,957-00	40 Rural youth were trained in 2 batches under Bee keeping and Millets value addition with a total budget out lay of Rs.5,20,000-00	100 Rural youth were trained in 4 batches under Bee keeping and Millets based value added products with a total budget out lay of Rs.3,00,000-00

Swachh Bharat/Swacchta pakhwada

Krishi Vigyan Kendras (KVKs) have been consistently implementing Swachh Bharat Abhiyan and Swachhata Mission activities from 2021–22 to 2025–26 in alignment with ICAR guidelines. These initiatives focused on promoting cleanliness, hygiene, sanitation, environmental sustainability and resource-efficient waste management in rural and farming communities. In 2021-22 and 2022-23, KVKs organised around 812 programmes covering 24360 participants, the Swachhata programmes evolved from awareness creation on personal hygiene, KVK campus and village cleanliness drives and Swachhata Pledge activities to strengthen community participation, plastic-free village campaigns, shramdaan activities, solid and liquid waste managementIn 2023–24, the focus expanded towards sustainability through waste segregation, composting, recycling of agricultural residues, plantation drives, and promotion of "waste to wealth" concepts. During 2024–25, greater emphasis was placed on environmental protection, eco-restoration, educational competitions, tree plantation campaigns such as "Maa Ke Naam Ek Ped" and integration of waste management practices in farming systems. In 2025–26, the Swachhata initiatives further strengthened through Swachhata Pakhwada and Special Campaigns, incorporating large-scale community participation, awareness programmes, training on composting and waste management, office and campus cleaning and promotion of organic and sustainable farming practices. Across all KVKs, consistent efforts were made to involve farmers, school children, rural youth, women groups, and stakeholders through trainings, demonstrations, competitions, shramdaan, and awareness campaigns for 15 days in October and 15 days in Decedmber months every year.



Swachhatha programme at KVK premises @ Bangalore Rural



Green initiative @ ICAR-KVK Bengaluru South



Distribution of tree sapling to create eco zone @ KVK, Tumakur



Swachhata Seva Abhiyana at KVK, Tumakuru



Swachhatha programme at adoptive village-2024 @ KVK, Bangalore Rural



Awareness program on swachatha to college students by KVK, Tumakur



Swachhta pledge-A step towards cleanliness @ KVK, Chinthamani

New Initiatives and achievements

Krishi sakhi

The Krishi Sakhi initiative at University of Agricultural Sciences, Bangalore (UASB), implemented in collaboration with National Rural Livelihoods Mission (Sanjeevini), is a women-led para-extension model aimed at strengthening grassroots agricultural advisory services and promoting sustainable agroecological practices. Under this programme, rural women are trained as para-extension workers covering 3 modules such as agroecological practices, integrated nutrient and pest management, composting, and agri-based enterprises. The initiative has benefited 4,824 participants and enabled them to generate total revenue of Rs.261.40 lakh/- through service delivery and agri-entrepreneurship activities. As community resource persons, Krishi Sakhis play a vital role in promoting eco-friendly and climate-resilient farming practices, including the use of bio-inputs, organic amendments, biodiversity-based approaches, and resource recycling. They also facilitate access to government schemes, inputs, and market linkages while supporting farmers with timely, location-specific advisories. Overall, the programme integrates para-extension with women empowerment, contributing to inclusive agricultural development, enhanced livelihoods, and environmentally sustainable farming systems.

Friends of Coconut Tree (FOCT)

The Friends of Coconut Tree (FoCT) training programme at University of Agricultural Sciences, Bangalore (UASB) implemented in collaboration with Coconut Development Board (CDB) is a skill development initiative aimed at addressing labour scarcity in coconut cultivation while creating sustainable livelihood opportunities for rural youth. Under this programme, 180 participants were trained in scientific coconut tree climbing techniques, plant protection measures, harvesting, and crown management using modern climbing devices and safety equipment. The training emphasizes efficiency, safety and professional service delivery, enabling trainees to work as skilled coconut climbers and service providers. As a result, the trained youth have generated total revenue of Rs. 4.16 lakhs by offering coconut climbing and related services, ensuring regular income while supporting farmers with timely operations. Overall, the FoCT programme at UASB contributes to skilled employment generation, enhanced coconut productivity and strengthening of the coconut-based farming ecosystem through effective institutional collaboration and capacity building.

Plant Health Clinic

The major crops are jowar, maize, paddy, ragi, greengram, blackgram, horsegram, cowpea, sunflower, groundnut, banana, turmeric, coconut, arecanut, tomato, chilli, brinjal and watermelon.The average yield losses in the major crops in the district are about 15-20% due to insect pest and diseases major insect pest and diseases noticed are fall armyworm, thrips, mites, diamondback moth, pinworm (*Tuta*), *Fusarium* wilt, rhizome rot, late blight, early blight, sigatoka leaf spot, twister disease, etc.To address these problems, KVK Chamarajanagara has intervened at district level by establishing Plant Health Clinic (PHC) on 27.08.2011 and it was inaugurated by Dr. S. Ayyappan, Secretary, DARE and Director General, Indian Council of Agricultural Research, New Delhi.

Production and sales of bio-pesticides (*Trichoderma, Pseudomonas, Paecilomyces, and Metarhizium*) from 2021-22 to 2025-26 at KVK PHC:

Year	Production (l/Kg)	Gross Income (₹)	Expenditure (₹)	Net Income (₹)	No of farmers benefited
2021-22	10,884	10,88,400	1,44,686	9,00114	2176
2022-23	9,721	9,72,100	2,84,909	7,07,201	1984
2023-24	10997	10,99,700	2,27,341	872359	2199
2024-25	9690	9,69,000	2,20,259	748721	1938
2025 -26	11018	11,16,200	2,78,154	8,38,046	2175
Total	**52,310**	**52,45,400**	**11,55,349**	**4066442**	**10472**

Through Plant Health Clinic, 10472 farmers of the district have been benefited through recommendations pertaining to management of major insect-pests & diseases namely fall armyworm, thrips, mites, diamondback moth, pinworm (*Tuta*), fusarium wilt, rhizome rot, late blight, early blight, sigatoka leaf spot, twister disease from 2021-22 to 2025-26. Major bio-pesticides that have been procured by farmers of the district are *Trichoderma, Pseudomonas, Paecilomyces* and *Metarhizium* for managing insect-pests & diseases in crops like banana, turmeric, tomato, watermelon, small onion and coconut. This has resulted in 10-15% increase in yield and has provided an additional income of ₹ 8000 to ₹ 10,000 per acre. Total, a worth of ₹ 47, 45,825 pesticide consumption has been reduced due to reduction in number of plant protection chemicals spray by 2 to 3 per acre and has benefited the ecosystem services and net worth of ₹ 10, 44,300000 additional income generated from 10472 farmers over five years.







Production and sales of bio-pesticides at KVK Plant Health Clinic

National Award

ICAR-Krishi Vigyan Kendra Ramanagara bestowed with **National Award**. Marching towards progress and moving on a growth trajectory, for the outstanding performance **ICAR-Krishi Vigyan Kendra Ramanagara** functioning under University of Agricultural Sciences, Bangalore and ATARI zone XI bagged the National Award **"Pandit Deendayal Upadhyay Rashtriya Krishi Vigyan Protsahan Puraskar-2021"** from the auspicious hands of Union Minister for Agriculture and Farmers welfare Shri. Narendra Singh Tomar. The award was honored at 94th Foundation Day of the Indian Council of Agricultural Research (ICAR) on 16.07.2022, Saturday in New Delhi.



Pandit Deendayal Upadhyay Rashtriya Krishi Vigyan Protsahan Puraskar-2021

Best State Award- 2023 for DAESI programme

University of Agricultural Sciences, Bangalore was awarded with DAESI Best State Award-2023 for introducing innovative initiatives in implementation of the DAESI programme and enrolling highest number 7,687 of candidates during the period from 2015-16 in Karnataka South organized by MANAGE, Hyderabad in collaboration with Ministry of Agriculture and Famers Welfare, GOI, New Delhi.



Best State Award- 2023 for DAESI programme by MANAGE Hyderabad

Scheduled Caste Sub Plan (SCSP)

Under the Scheduled Caste Sub Plan (SCSP) scheme implemented by UAS Bengaluru KVKs covering 322 technologies like introduction of improved varieties ML-322, BRG-3 & BRG-5, improved fodder varieties, micronutrients mixture, improved pest and disease management of major crops, farm mechanization through custom hiring centres, backyard poultry, beekeeping etc. benefiting 6514 farmers spread across 2832.68 area (ha) in 339 villages various climate-resilient and livelihood-improving interventions were promoted. The programme focused on drought-tolerant crop varieties, integrated

farming systems, natural resource management practices, livestock-based interventions and farm mechanization through custom hiring centres along with ICT-based advisories. These interventions significantly improved productivity, income and resilience of Scheduled Caste farming households through convergence with different line departments and schemes leading to sustainable agricultural development and enhanced livelihood security.

Tribal Sub Plan (TSP)

Under the Tribal Sub Plan (TSP) implemented through UAS Bengaluru KVKs, covering 45 technologies benefiting 1357 tribal farmers spread across 883.05 area (ha) in 48 villages various climate-resilient and livelihood-oriented interventions were undertaken to improve income, food security and sustainability of tribal farming systems. The programme focused on promotion of drought-tolerant crop varieties, integrated farming systems, soil and water conservation measures such as farm ponds and trench-cum-bunds, horticulture and agroforestry development, livestock and backyard poultry interventions and farm mechanization through custom hiring centres. Capacity building, exposure visits and ICT-based advisories were also provided to enhance knowledge and adoption of improved practices. These interventions collectively improved productivity, resource use efficiency and livelihood security of tribal households through convergence with line departments and government schemes resulting in strengthened socio-economic conditions in tribal areas.

6.6.4.5. Innovation and Best Practices

Sl. No.	Innovation Type	Innovative Efforts / Best Practices
KVK-Chikkaballapura		
1.	Eco-friendly Pest & Disease Management	Adoption of IPM/IPDM using bio-agents (Trichoderma, Pseudomonas, Paecilomyces, NPV, Bt), pheromone & sticky traps, neem-based products in Mulberry, Maize, Tomato, Mango, Cucumber, Groundnut and flowers reducing chemical pesticide load
2.	Integrated Nutrient Management (INM) Innovation	Use of liquid microbial consortia, Bio-K as alternate potassium source, secondary & micronutrient management in potato, maize, mulberry and vegetables improving yield and soil health
3.	Climate-Resilient Varietal Innovation	Demonstration of stress-tolerant and disease-resistant varieties such as Ragi (KMR-316, KMR-630, KMR-340), Redgram (BRG-3), Castor (ICH-66), Foxtail millet (GPUF-3), Maize hybrids and Field bean varieties
4.	Sericulture System Innovation	Fogging technology for microclimate management, IPM for mulberry pests, management of uzifly, recycling of seri bed refuse into compost and intercropping in Mulberry gardens
5.	Waste-to-Wealth & Circular Agriculture Innovation	Recycling of seri farm residues and bed refuse using waste decomposer consortia to produce quality compost, promoting circular bio-economy
6.	Cropping System & Intercropping	Introduction of pulse-based intercropping systems (Redgram–Finger millet, Groundnut–Redgram, Rice bean in mulberry, Field bean in Mango orchard) for income stability and soil fertility

7.	High-Value Crop & Diversification	Promotion of Broccoli, Dragon fruit, floriculture crops and nutrigardens for income diversification and nutrition security
8.	Nutrition-Sensitive Agriculture	Establishment of Nutri-gardens in farmers' fields and schools ensuring year-round availability of vegetables, fruits and medicinal plants
9.	Entrepreneurship & Value Addition	EDPs on Tomato processing, millet value addition, and handicrafts using pierced cocoons creating farm-based enterprises and additional income
10.	Technology Integration & Process Innovation	Convergence of OFTs, FLDs, trainings, field days, advisories and farmer–scientist interactions for faster technology adoption
KVK-Bengaluru Rural District		
1.	Integrated Crop Management in Redgram	Use of wilt and SMD resistant var. BRG 3, Formation of Ridges and furrows, Seed treatment with Rhizobium, Installation of pheramone traps, Spray of Pulse Magic, Spray of need based pp chemicals
2.	Integrated Management of Fall Armyworm in Maize	Seed treatment with Cyantraniliprole + Thiomethaxam – 4ml/kg of seeds, Installation of pheromone traps - 15/acre, Release of *Trichogramma chilonis* – 4 card/acre, Spraying of *Heterorhabditis indica* 1% wp (5.1x104 ij) – 4 kg/acre, Spraying of Neem based azadirachtin 10000 ppm – 1ml/L, Spraying of Bt – 2 ml/L, Spraying of Spinetoram (microbial) (0.5ml/L), Preparation of poison bait
3.	Integrated Management of Fall Armyworm in Maize	Double cropping system (Cowpea-Finger millet), moisture conservation furrows (every 12 rows) in finger millet, use of blast resistant var. ML-365, seed treatment with Rhizobium (for cowpea), Azospirillum (for Finger millet)
4.	Eco-friendly Management of Diamond backmoth in Cabbage	Spraying of Neem seed powder pellets (30g/L) @ weekly interval, Spraying of Spinosad 2.5SC (0.25 ml/L) (One week before harvest)
5.	Integrated Pest and Disease management in Tomato	Arka Abedh hybrid, Marigold as trap crop (16:1), Use of enriched FYM with bio agents, spraying of neem & pongamia soap (10g/L), Spray of Bt (2ml/L), Installation of yellow & blue sticky cards (10/acre) & Wota-T traps (5/acre), Spraying of Need based PP chemicals
6.	Potassium Management in Maize through Bio-K	Azospirillum and PSB as seed treatment, RDF: 10 t/ha FYM, 100:50:25 NPK & 10 kg Zn/ha, 50% N & 100% P and K (through bio-K) as basal, 25% N at 30 DAS, 25% N at tasseling stage
7.	Demonstration of short duration Finger millet var. KMR-630 under double cropping system	Double cropping system (Cowpea-Finger millet), moisture conservation furrows (every 12 rows) in Finger millet, use of blast resistant var. ML-365, seed treatment with Rhizobium (for cowpea), Azospirillum (for Finger millet)

	(Cowpea – Finger millet)	
8.	Integrated Nutrient Management in Finger millet	Azospirillum – 150 g for seed treatment, RDF: 7.5 t/ha FYM, 50:37.5:40 NPK, 12.5 & 10 Zn & Borax kg/ha, Zn & Borax application before sowing, 50% N and full P, K, Zn and B as basal, 50% N at 6 – 7 weeks after sowing
9.	Integrated crop management in Redgram	Variety – BRG 3, Seed treatment with Rhizobium- 200 g / ac, Use of pre-emergent herbicide – Pendimethalin 3.3ml / L, Use of post - emergent herbicide - Imazathapyr 2 ml/L @20-25 DAS, Inter-cultivation @ 40-50 DAS, Spraying of Pulse magic – 10g /L, Installation of pheromone traps 5 (10 no. / ac) and spraying of spinosad 0.25 ml/L
10.	Management of Yellow Mosaic Virus in Pole bean through Integrated Approach	Seed treatment with Thiomethaxam 70 WS – 5g/kg seeds, Mulching with black silver mulch, Two rows of maize as border crop, Soil application of Pseudomonas fluorescens (2 L) along with neem cake (200 kg), Installation of yellow sticky cards @ 10No./acre, Spraying of neem soap (10g/L), Seaweed extract - 1.5ml/L, Thiamethoxam 25% WG (0.5 g/L) and Imidacloprid 17.8 SL (0.5ml/L)
11.	Eco-friendly Management of pest and diseases in Cauliflower	Timely application of RDF, Intercropping with Mustard as trap crop (25:2), Installation of WOTA-T traps (DBM traps), Spraying of Boric acid (0.3%) & Ammonium molybdate (0.02%) 15 DAT @ 15 days interval (3 times), Spraying of vegetable special (5g/L), Spraying of Neem Soap (10g/L) and Bt (2ml/L), Spraying of Neem seed powder pellets (20g/L),Use of blue Sticky cards (10 no./acre), Spraying of Emamectin benzoate 5SG (0.05%), Chlorfenapyr 10SC (0.1%) and Spinosad 2.5SC (0.15%), Spraying of CoC + Streptocycline, Spraying of Shatpada All Rounder – 20g/L at 20, 30, 40 & 50 DAT, Spraying of Spinosad – 0.25ml/L, Installation of blue sticky cards – 10 no.s/acre, Spraying of abamectin – 0.5ml/L
12.	Bio-Intensive Management of Pest and Diseases in Rose	Soil test based nutrient application, Enrichment of FYM with bio agents, Timely Pruning, Use of sticky cards, Foliar spray of micronutrient mixture, Timely spraying of plant protection chemicals, Maturity index for harvest
13.	Ration balancing through integrated approach in Dairy Animals	Urea enrichment of dry fodder, Chaff cutting of forages, Total Mixed Ration (TMR), Mineral mixture, Azolla supplementation, Silage production technology
14.	Introduction of Field bean (HA-5)	Variety HA-5, Seed treatment with Rhizobium, Use of Pulse magic @ 10 g / L, Use of need based plant protection chemical Spinosad (0.25 ml/L)
15.	Eco-friendly Management of Pest	Arka Abedh hybrid, Marigold as trap crop (16:1), Enrichment of FYM with bio-agents, Spraying of neem soap (10g/L) & Bt

	and Diseases in Tomato	(2ml/L), Installation of yellow & blue sticky traps (25/ha), Use of incandescent bulb @ one bulb/150m2 + 1 pheromone trap/ 300 m^2, Spraying of spinosad 45% SC @ 0.25 ml/L & Flubendiamide 480 SC @ 0.20 ml/L & decamethrin 2.5 EC @ 1 ml /L
16.	Integrated management of Diamond Back Moth in Cauliflower	Application of RDF (FYM: 25 t/ha, NPK-120:80:80kg/ha), Intercropping with Mustard as trap crop (25:2), (sowing before 15 days of transplanting cauliflower), Installation of WOTA-T traps (DBM traps), Spraying of Neem seed powder pellets (6 kg/acre) @ 15 DAT and subsequent sprays at 8 days interval upto 70 DAT, Spraying of Neem Soap (10g/l) and Bt (2ml/l), Spraying of Spinosad 2.5SC (0.25 ml/l),
17.	Integrated management of Chilli Leaf curl virus	Sowing 2 rows of COFS-29 45 days before planting of chilli, spraying 0.5 ml/ l Imidachloprid 17.8% SL at 15 and 70 DAP, Application of 5 ml/l neem oil 500 ppm at 28 and 56 DAP, spraying of 1.5 ml/l sea weed extract at 21, 35, 49 and 63 DAP, Spraying 0.5 g Thiamethaxan 25WP @ 42 DAP
18.	Demonstration of climate resilient practices in Pigeon pea	BRG-3 (Resistant - Fusarium and SMD), Seed treatment with Rhizobium- 200 g / ac, Seedlings production in nursery, Spacing and timely transplanting, RDF (25:50:25:8:6 NPK, S, Zn kg/ha), Use of post - emergent herbicide - Imazathapyr 2 ml/L @ 15 days after planting, Inter-cultivation @ 30 days after planting, Nipping tool – nipping @ 40 DAT, Pulse magic spray (10 g/l) at flowering and pod filling stage, Use of pheromone, traps (10 no. / ac), Spraying of Spinosad @ 0.25 ml/L
19.	Demonstration of crop regulation through bahar treatment along with pest and disease management in Pomegranate	Ambe bahar treatment, Withhold irrigation two months prior to the bahar.- stress, Medium pruning (10-15 cm) 40-45 days after stress, Defoliation - Spray ethrel 39 SL @ 2 to 2.5 ml/l., Apply 15-20 kg FYM + 2 kg vermicompost + 2 kg neem-cake per plant, RDF-400:250:800 NPK g/plant (2-5 years plant), Apply bio-formulation of *Azospirillum sp.*, *Aspergillus niger*, *Trichoderma viride*, *Penicillium pinophilum* and AMF (2.5 kg/ha), Cover the roots with soil and give light irrigation, New flush - spray Mepiquat chloride @ 125 ppm and 6-benzyladenine @ 5 ppm., FYM enrichment – Microbial Consortia @ 12.5 kg/ha (1 kg/t of FYM), Application of *Trichoderma harzianum*, *Pseudomonas fluorescens* and *Paecilomycis lilacinus* @ 50 g/plant, Application of Neem cake @ 250 kg/ha, Canopy management through training and pruning, Blight - Copper oxychloride 50%WP @ 2.5 g/l, Wilt and Shot hole borer - Propiconazole 25 EC @ 1.0 ml/l + Chlorophyriphos 20 EC @ 4 ml/l water drenching around plants, Nematodes - Fluensulfone 2% GR @10g/plant, Thrips and mites - Azadirachtin 1% @ 2ml/lt
20.	Demonstration of micronutrients and	Raised bed- 1 m width X 0.3 m height, Spacing:15x15 cm, Microbial consortia: 10 kg/ha at the time of planting, FYM- 25

	growth regulators for higher yield and quality in Chrysanthemum	t/ha, RDF:125:120:25 NPK kg /ha, Pinching: 4 weeks after planting to encourage lateral shoots, Desuckering: Periodically to maintain source sink relation, Foliar spray- ZnSO4 @ 0.25% + MgSO4 @ 0.5% - 6 weeks after planting, GA3 @ 50 ppm on 30, 45 and 60 days after planting, Root rot management: Trifloxystrobin + tebuconazole @ 0.75 g/l
21.	Demonstration of High yielding Tuberose hybrid – Arka Prajwal	Arka Prajwal bears single type flowers on tall, sturdy spikes, The flower buds are slightly pinkish in colour while the flowers are white, 5-6 days vase life, RDF: 100:50:50 NPK kg/ha, AMC: Drenching @ 20 gm/lit (10-45 DAS), Neem soap @ 5g/lit, Mealybug- Arka mealy melt@70 ml/L, Snail kill @ 1kg/ha, Yellow sticky traps @ 100/ha, Systemic Fungicide spray-Azoxystrobin 0.1%
22.	Integrated nutrient management in Knol khol	FYM: 12.5 t/ha – enrichment with microbial consortia (1kg/t), RDF – 150:100:125 kg/acre, 50% N, 100% PK as basal and 50% N as top dress after 30 DAP, Vegetable special (2 sprays: Flower bud initiation & 10-15 days after 1st spray
23.	Demonstration of genetically improved farmed tilapia (GIFT) in farm ponds	Application of lime, Net covering, Manuring by cow dung (300gm/sq mt), Fish stocking (5 fingerlings / Sq mt), Feeding through floating feeds
KVK-Bengaluru South		
1.	Eco-friendly technological and process innovation in IPM-based management of thrips and mites in Mulberry using Shatpada Allrounder Bioagent	The combined application of Shatpada Allrounder (bioagent) @ 20 g/L along with recommended nutrient application represents a best agricultural practice for the management of thrips and mites in mulberry. This approach ensures effective pest suppression, environmental safety, sustainable mulberry production, and improved cocoon productivity, making it highly suitable for adoption by sericulture farmers
2.	Disease-Resilient Redgram Production through Integrated Crop Management in Variety BRG-3	Sustainable redgram production can be achieved through the integration of a resistant variety, biofertilizer seed treatment, balanced nutrient application, and good agronomic practices. This holistic approach strengthens crop health, minimizes biotic and abiotic stresses, and enhances overall crop producitivity
3.	Eco-friendly IPDM Strategy for Sustainable Rice Production	The integration of *Trichoderma* seed treatment, pheromone-based pest monitoring, and biorational pest management constitutes a best agricultural practice for sustainable pest and disease management in rice. This approach ensures economic viability, ecological balance and long-term productivity of rice
4.	Farm-to-Market Approach in Mango Cultivation	The integration of ICM, safe ripening practices, scientific packaging, and direct marketing constitutes a best agricultural practice for mango cultivation. This innovative approach ensures

		quality fruit production, consumer safety, value addition, and improved farmer income, contributing to sustainable and market-oriented mango production
5.	Integrated disease management in Banana cv. yelakki	Integrated use of bio fungicides and bactericides (Trichoderma and pseudomonas) and wilt disease specific bio fungicides (ICAR-Fusicont) resulted in effective control of panama wilt in banana. Management of micronutrients spray through banana special gave better quality fruits with increased yield and enhanced income to farmers
6.	Assessment of different compost culture in composting of farm wastes	Best method to recycle farm waste. It decomposes agri waste within 85 to 90 days using microbial consortium developed by UASB
7.	Assessment of modified manual operated seed cum fertilizer drill for Ragi sowing	Manual operated seed cum fertilizer drill with 3 seed bowls developed by KVK Bengaluru South. Most suitable for small farmer with very less land holding with 72.9% field efficiency
8.	Assessment of Different Compost Cultures in Composting Sericulture Wastes	Best method to recycle plant nutrient rich sericulture wastes. It decomposes agri waste within 85 to 90 days using microbial consortium developed by UASB and NCOF
KVK-Tumakuru		
1.	Enhancing Disease Resistance in Redgram (BRG-3) through Integrated Crop Management Practices	Sustainable redgram production as promoted by ICAR–KVK, Tiptur, Tumakuru-I is achieved through the integration of resistant varieties, biofertilizer seed treatment, balanced nutrient management, and improved agronomic practices. This holistic approach enhances crop health, reduces biotic and abiotic stresses, and improves overall productivity
2.	Integrated disease management in Banana	ICAR–KVK, Tiptur, Tumakuru-I implemented an intervention on the use of grafted brinjal seedlings to achieve high yield and effective management of bacterial wilt under field conditions. The intervention focused on grafting high-yielding brinjal varieties onto bacterial wilt–tolerant rootstocks, which significantly reduced soil-borne disease incidence and enabled year-round crop production. Integrated Crop Management (ICM) practices were followed, including the use of healthy grafted seedlings, soil application of bioagents such as Trichoderma and Pseudomonas along with neem cake, balanced nutrient management through FYM enriched with biofertilizers and recommended NPK applied in split doses, and need-based plant protection measures.

		Improved agronomic practices such as proper spacing, mulching, drip irrigation, and timely intercultural operations enhanced plant vigor and resource-use efficiency. This integrated intervention resulted in effective control of bacterial wilt, improved crop longevity, higher and sustained yields, better fruit quality, and increased net returns, establishing grafted brinjal seedlings with ICM as a best
3.	Integrated Disease and Nutrient Management for Sustainable Production of Banana (cv. Yelakki)	Integrated disease and nutrient management in banana (cv. Yelakki) as demonstrated by ICAR–KVK, Tiptur, Tumakuru-I was implemented through the Banana Special Package of Practices (SPL) to ensure sustainable production. The intervention emphasized the use of disease-free tissue culture planting material, soil application of biocontrol agents such as Trichoderma and Pseudomonas along with neem cake for effective management of soil-borne diseases, and need-based plant protection measures for foliar diseases. Integrated nutrient management formed the core component of the SPL, involving application of FYM enriched with biofertilizers, balanced and split application of recommended NPK through fertigation, and timely supplementation of micronutrients to address deficiencies common in Yelakki banana. Improved agronomic practices including proper spacing, drainage, mulching, desuckering, propping, and drip irrigation were followed to enhance plant health and reduce disease incidence. This holistic Banana SPL approach resulted in improved crop vigor, reduced disease intensity, enhanced nutrient use efficiency, increased yield and fruit quality, and better economic returns, thereby contributing to sustainable banana production in Tumakuru district.
4.	Farm-to-Market Intervention for Enhancing Income through Direct Marketing in Jackfruit	ICAR–KVK, Tumakuru-I implemented a farm-to-market intervention to enhance farmers' income from jackfruit by promoting direct marketing and value addition. The initiative focused on linking jackfruit growers directly with consumers through roadside and highway marketing outlets, thereby eliminating middlemen and enabling farmers to realize higher prices. This approach helped prevent wastage of mature jackfruits that often remain unharvested or spoil on trees due to poor market access. In addition, fruits with low table-quality or limited consumer preference were effectively utilized for value addition in the form of processed products such as chips, bulbs, flour, and ready-to-cook items, providing an alternate income source. Capacity building on grading, minimal processing, packaging, pricing, and hygiene practices was provided to ensure market acceptance. The intervention resulted in reduced post-harvest losses, increased income through direct sales, diversification of

		income through value-added products, and improved utilization of locally available jackfruit resources, establishing the farm-to-market approach as a best practice for sustainable jackfruit-based livelihood enhancement in Tumakuru district.
KVK- Mandya		
1.	Cropping System & Intercropping	Introduction of pulse-based intercropping systems (Field bean-sugarcane, cowpea in mulberry, beans in coconut, French bean in coconut orchard, French bean in sugarcane) for income stability and soil fertility
2.	Trash management in Sugarcane	In-situ trash management in sugarcane using microbial consortia for improving yield and soil health
3.	Mechanized transplanting in Paddy	Transplanting in paddy with seedlings raised in dapog method of nursery using machine helps in proper space management, weed management using Cono weeder, reduces labour requirement and cost saving up to Rs. 20000/ha compared to traditional transplanting
KVK-Chamarajanagara		
1.	Introduction of Improved variety	The improved turmeric variety 'Prathibha' has been endorsed by UAS, Bangalore for the Southern Dry Zone–6 due to its high yield and superior quality
2.	Introduction of Improved variety	KVK Chamarajanagar's turmeric variety 'Prathibha' is under contract farming across 5,600 acres in collaboration with private agencies and district farmers through market-led extension.
3.	Value addition	To promote value addition, KVK Chamarajanagar and the Spices Board Madikeri facilitated turmeric processing machinery worth ₹33.11 lakh, with ₹21.21 lakh subsidy support, for farmers and FPOs
4.	New variety release	Chamarajanagar Black Turmeric-01 (CAK-1) was released as a conservation variety for higher yield for Southern Dry Zone-6.
5.	KVK strengthened and technical support	Chasiri Farmer Producer Company Limited promoted by KVK has contributed significantly to the sustainable development of sericulture in Chamarajanagar district
6.	Impact of Eco-friendly management practices	The Plant Health Clinic has been pivotal in managing major crop pests and diseases, producing 52,310 litters between 2021–26, covering 10,472 farmers, and generating a net income of ₹40.66 lakh for KVK
KVK- Hassan		
1.	Assessment of Different Compost Cultures in Composting Sericulture Wastes	Best method to recycle plant nutrient rich sericulture wastes. It decomposes agri waste within 85 to 90 days using microbial consortium developed by UASB and NCOF
2.	Assessment of apical	ARC potato technology has been spread in a rea of 4400 ha and

	rooted potato saplings (ARC) performance for seed tuber production	produced 5,280 tones of seeds benefiting of 8819 farmers. Production and timely availability of quality seed materials save money and time.
3.	Impact of Kisan Samrudhi (Agro input sales unit)	During last five years 27504 farmers utilized the facilities, covering an area of 20841 ha (4.75% of total cultivable area) and increased production through varieties and hybrids (17%), micronutrients mixtures (15%), Bio-fertilizers (5%) and reduction (11%) in pest and diseases through Bio-Pesticides.
4.	Demonstration of genetically improved farmed tilapia (GIFT) in farm ponds	Application of lime, Net covering, Manuring by cow dung (300gm/sq mt), Fish stocking (5 fingerlings / Sq mt), Feeding through floating feeds
5.	Integrated Nutrient Management in Finger millet	Azospirillum – 150 g for seed treatment, RDF: 7.5 t/ha FYM, 50:37.5:40 NPK, 12.5 & 10 Zn & Borax kg/ha, Zn & Borax application before sowing, 50% N and full P, K, Zn and B as basal, 50% N at 6 – 7 weeks after sowing
6.	Integrated Pest and disease Management in Tomato	Arka Abedh hybrid, Marigold as trap crop (16:1), Use of enriched FYM with bio agents, spraying of neem & pongamia soap (10g/L), Spray of Bt (2ml/L), Installation of yellow & blue sticky cards (10/acre) & Wota-T traps (5/acre), Spraying of Need based PP chemicals
7.	Demonstration of High yielding Tuberose hybrid – Arka Prajwal	Arka Prajwal bears single type flowers on tall, sturdy spikes, The flower buds are slightly pinkish in colour while the flowers are white, 5-6 days vase life, RDF: 100:50:50 NPK kg/ha, AMC: Drenching @ 20 gm/lit (10-45 DAS), Neem soap @ 5g/lit, Mealybug- Arka mealy melt@70 ml/L, Snail kill @ 1kg/ha, Yellow sticky traps @ 100/ha, Systemic Fungicide spray-Azoxystrobin 0.1%
8.	Demonstration of short duration Finger millet var. KMR-316 for delayed monsoon	There is 5.66% increase in yield. and technology spread in an area of 1200 ha



KVK Bengaluru South - Farm-to-Market Approach in Mango Cultivation



Waste decomposer method demonstration



KVK Bengaluru South: Disease-Resilient Redgram Production through Integrated Crop Management in Variety BRG-3



Value addition training at KVK, Chintamani

6.6.4.6. Consultancy / Certification / Testing

The Directorate of Extension, UAS, Bengaluru generated substantial internal resources during the period 2021–22 to 2025–26 through certification (paid courses), testing (Soil and water testing) and outreach services (Sales of Biofertilizers, Micronutrient mixtures, seeds, handtools, fresh produce, publications, CDs etc.) rendered and diagnostic consultancy services at Krishi Vigyan Kendras (KVKs) and Units. These activities reflect effective utilization of institutional infrastructure and technical expertise while addressing the diagnostic and input needs of the farming community and have generated a revenue of Rs. **1925.16/- lakhs** over the past five years.

Abstract of resources generated through Soil + water sample analysis (In Rs. lakhs)

Year	Total quantity (No's)	Amount realized (In Rs. lakhs)
2021-22	5870	13.40
2022-23	5004	10.17
2023-24	5596	12.80
2024-25	5563	12.36
2025-26	5183	12.68
Total	**27216**	**61.41**

Abstract of resources generated through sales unit (In Rs. lakhs)

Year	Total quantity (Kg)	Amount realized (In Rs. lakhs)
2021-22	61846.5	72.30
2022-23	94298.2	106.32
2023-24	93816.25	138.72
2024-25	197052	143.41
2025-26	184712.5	131.23
Total	**631725.45**	**591.98**

Abstract of resources generated through nursery (In Rs. lakhs)

Year	Total quantity (Saplings No.)	Amount realized (In Rs. lakhs)
2021-22	384768	89.48
2022-23	266614	125.52
2023-24	256322	155.92
2024-25	268323	163.64
2025-26	204999	164.92
Total	**1381026**	**699.50**

Abstract of resources generated through orchards (In Rs. lakhs)

Year	Total quantity (Kg/No)	Amount realized (In Rs. lakhs)
2021-22	8369.42	6.39
2022-23	17561.39	6.08
2023-24	15485.5	10.44
2024-25	6917.8	8.75
2025-26	22918.65	13.18
Total	**71252.76**	**44.84**

Abstract of resources generated through seed production (In Rs. lakhs)

Year	Total quantity (Kg)	Amount realized (In Rs. lakhs)
2021-22	3620.02	42.10
2022-23	4157.01	47.75
2023-24	3644.98	60.55
2024-25	1634.03	57.89
2025-26	2011.745	55.04
Total	**15067.785**	**263.34**

Abstract of resources generated through paid courses (In Rs. lakhs)

Year	Total quantity (No)	Amount realized (In Rs. lakhs)
2021-22	472	45.99
2022-23	480	55.43
2023-24	311	29.41
2024-25	386	63.98
2025-26	543	69.31
Total	**2192**	**264.14**

Overall Resources generated through Directorate of Extension (In Rs. lakhs)

Activities	2021		2022		2023		2024		2025	
	Qty	Amt	Qty	Amt	Qty	Amt	Qty	Amt	Qty	Amt
Soil & Water sampling	5870	13.40	5004	10.17	5596	12.80	5563	12.36	5183	12.68
Sales unit	61846.5	72.30	94298.2	106.32	93816.25	138.72	197052	143.41	184712.5	131.23
Nursery	384768	89.48	266614	125.52	256322	155.92	268323	163.64	204999	164.92
Orchards (farm field produce)	8369.42	6.39	17561.39	6.08	15485.5	10.44	6917.8	8.75	22918.65	13.18
Seed production/ sale(q)	3620.02	42.10	4157.01	47.75	3644.98	60.55	1634.03	57.89	2011.745	55.04
Paid courses	472	45.99	480	55.43	311	29.41	386	63.98	543	69.31
Total	-	269.66	-	351.27	-	407.84	-	450.03	-	446.36
Grand total	**1925.16**									

6.6.5. Faculty and staff development

6.6.5.1. Recruitment and Promotional Avenue

Brief information about recruitment process

The notifications were issued for direct recruitment of posts by inviting the applications in prescribed format from eligible candidates for filling up of the posts sanctioned by the government for college, Schemes & KVK in the University of Agricultural Science (UAS), Bangalore. The selection procedures of the candidates for the advertised posts are in accordance with Statute 30(1) and the guidelines & score-card of UAS, Bangalore. The classification of vacancies is made in accordance with the relevant government orders as amended from time to time. The Selection of faculty is being done as per the Notification of Guidelines & Score-Card vide Notification No. AO/RT/Quali. & Score-card/e-Gazette/2022-23, dated: 15-03-2023 (Published in the Karnataka Gazette on 16-03-2023) of UAS, Bangalore (Copy enclosed-2).

Scorecard for recruitment of Professor Post

Sl. No.	Particulars	Marks allotted for main items
1.	Academic Qualifications	15
2.	Academic Experience	10
	(a) Experience in Teaching/Research/Extension/ Corporate activities (University) in the cadre of Associate Professor. (Over and above 2 years as Associate Professor)	(06)
	(b) Outstation experience in the cadre of Assistant Professor & above.	(04)
3.	Scientific publications in the cadre of Assistant Professor and above.	20
4.	Special Awards/ Medals/ Fellowships/ Recognition for academic excellence in the cadre of Assistant Professor and above.	10
5.	Attainment in the professional field in the cadre of Assistant Professor and above.	12
6.	Externally funded Projects operated & Projects/Funds allotted by University/Government in the cadre of Assistant Professor and above.	10
7.	Organizing Symposium/ Seminar/ Summer Institute/ Winter Institutes/ Refresher Courses/ Workshops and Training Programme as in the cadre of Assistant Professor and above.	08
8.	Confidential reports for the preceding 5 years	05
9.	Performance in the Interview.	10
	Total	**100**

Scorecard for recruitment of Associate Professor Post

Sl. No.	Particulars	Marks allotted for main items
1.	Academic Qualifications	15
2.	Academic Experience	10
	(a) Experience in Teaching/Research/Extension in the cadre of Assistant Professor(over and above minimum service)	(06)
	(b) Outstation experience in the cadre of Assistant Professor.	(04)

3.	Scientific publications in the cadre of Assistant Professor.	20
4.	Special Awards/ Medals/ Fellowships/ Recognition for academic excellence in the cadre of Assistant Professor.	05
5.	Attainment in the professional field in the cadre of Assistant Professor	20
6.	Externally funded Projects operated& Projects/Funds allotted by University/Government in the cadre of Assistant Professor	07
7.	Organizing Symposia Seminars/ Summer Institutes/ Winter Institutes/Refresher Courses/ Workshops and Training Programmes as Assistant Professor.	08
8.	Confidential reports for the preceding 5 years in the cadre of Assistant Professor	05
9.	Performance in the Interview.	10
	Total	**100**

Scorecard for recruitment of Assistant Professor Post

Sl. No.	Particulars	Marks allotted for main items
1.	Academic qualifications	35
2.	Medals/Awards/Recognitions	03
3.	Sports & Cultural/NCC/NSS	02
4.	Experience in the field of Teaching/ Research / Extension	05
5.	Scientific Publications	05
6.	Written Examination	40
7.	Interview performance	10
	Total	**100**

➢ Promotion Process of Teaching Faculty Under Career Advancement Scheme- 2006:

1.1 Minimum requirements for promotion of teachers under Career Advancement Scheme, 2006. (Copy enclosed-3)

Sl.No.	Particulars	For promotions to			
		Assistant Professor (Pay band of ₹15600-39100 and AGP of ₹7000)	Assistant Professor (Pay band of ₹15600-39100 and AGP of ₹ 8000)	Associate Professor (Pay band of ₹37400- 67000 and AGP of ₹9000)	Professor (Pay band of ₹ 37400-67000 and AGP of ₹ 10000)
1.	Service requirements	Assistant Professor (Pay band of ₹15600-39100 and AGP of ₹ 6000) completing four years with Ph.D. or five years with M.Phil. or six years without M.Phil. or Ph.D.	Assistant Professor (Pay band of ₹ 15600- 39100 and AGP of ₹7000) completing five years service	Assistant Professor (Pay band of ₹ 15600-39100 and AGP of ₹ 8000) completing three years service	Associate Professor (Pay band of ₹ 37400- 67000 and AGP of ₹ 9000) completing three years service
2.	Summer / Winter / Refresher Courses during assessment period	One of 10 days and above duration	One of 5days and above duration	One of 5days & above duration	-
3.	Publications in NAAS rated/ referred journals	-	-	A minimum of five publications after being placed in the AGP of ₹6000 to ₹8000.	At least three publications after being placed in the AGP of ₹8000 and ₹9000.
4.	Committee for evaluation	Screening-cum-Evaluation Committee		Selection Committee	
5.	Minimum scores during the assessment period	60	65	70 (Inclusive of interview marks)	70 (Inclusive of interview marks)

1.2 Minimum requirements for promotion of Library Cadres under Career Advancement Scheme, 2006

Sl. No.	Particulars	For promotions to		
		Assistant Librarian (Pay band of ₹ 15600- 39100 and AGP of ₹ 7000)	Assistant Librarian (Pay band of ₹ 15600-39100 and AGP of ₹ 8000)	Deputy Librarian (Pay band of ₹ 37400-67000 and AGP of ₹ 9000)
1.	Service requirements	Assistant Librarian (Pay band of ₹ 15600-39100 and AGP of ₹ 6000) completing four years with Ph.D. or five years with M.Phil. or Six years without M.Phil. or Ph.D.	Assistant Librarian (Pay band of ₹ 15600-39100 and AGP of ₹.7000) completing five years	Assistant Librarian/ Deputy Librarian (Pay band of ₹ 15600-39100 and AGP of ₹ 8000) completing three years
2.	Summer / Winter / Refresher Courses during assessment period	One of 10 days and above duration	One of 5 days and above duration	One of 5 days & above duration.
3.	Publications in referred journals	-	-	At least three publications in the AGP of ₹ 6000 to ₹ 8000.
4.	Committee for evaluation	Screening-cum-Evaluation Committee		Selection Committee
5.	Minimum scores during the assessment period	60	65	70 (Inclusive of interviewmarks)

1.3 The overall promotion procedure shall incorporate transparent, objective and credible methodology of analysis of the merit and credentials of the applicants based on weightages given to the performance of the candidate in different relevant dimensions and his/her performance on a scoring system proforma, in prescribed score card.

1.4 (i) Evaluation of research publications shall be as per prescribed Score Card. Popular articles, if any, published by the candidates shall be considered only in the concerned discipline/assigned work. Appropriate weightage for such publications shall be given as per the score card.

(ii) At the time of assessing the quality of publications of the candidates during their promotions, the committee shall have to be provided with the publications, which could be considered by the committee constituted for the purpose.

1.5 The process of promotions should involve inviting the biodata with duly filled score card based template and reprints of requisite number of publications of candidates, wherever necessary.

The publications submitted by the candidate shall be provided to subject experts for assessment prior to the interview and the evaluation score of the publications provided by the experts shall be factored into the weightage scores while finalizing the outcome of the promotion by the committee.

1.6 A teacher who wishes to be considered for promotion under CAS may submit in writing to the University on or after the date of eligibility, stating that he/she fulfils all qualifications under CAS and shall submit the score card based work done report to the University , duly supported by all credentials. In order to avoid delays in holding Committee meetings in various positions under CAS, the University shall immediately initiate the process of screening/selection, and shall complete the process within six months from the date of application. If a teacher submits the bio-data for promotion assessment after the date of eligibility for any reason, the date of eligibility for promotion shall be the date of submission of bio-data. Further, in order to avoid any hardships, candidates who fulfil all other criteria mentioned in these regulations, as on 24 March, 2010 and till the date on which this regulation is notified, can be considered for promotion from the date, on or after 24 March 2010, on which they fulfil these eligibility conditions, provided as mentioned above.

1.7 A teacher shall have earned annual increments regularly during the assessment period for CAS promotions.

1.8 Candidates who do not fulfil the minimum score requirement under the score card based system will have to be re-assessed only after a minimum period of one year. The date of promotion shall be the date on which he/she has successfully got re-assessed.

1.9 CAS promotions from a lower grade to a higher grade of Assistant Professor shall be conducted by a "Screening cum Evaluation Committee" adhering to the Score Card system.

1.10 The "screening cum evaluation committee" for CAS promotion of Assistant Professors from AGP of `.6000 to `.7000 and from `.7000 to `.8000 shall consist of:

a. The Vice Chancellor as the Chairperson
b. One of the Directors / Deans
c. The Concerned University Head of the Department and
d. One subject expert in the concerned subject nominated by the Vice-Chancellor.

The quorum for the committee meeting shall be three including the subject expert and the Chairperson.

1.11 The screening cum evaluation committee on verification / evaluation of score secured by the candidate through score card system shall recommend to the Board of Management about the suitability of the candidate(s) for the promotion under CAS for implementation.

1.12 The composition of the selection committee for promotion from AGP of ₹ 8000 to ₹ 9000 and from ₹ 9000 to ₹ 10000 shall be similar to that for direct recruitments, provided that no teacher other than those with PhD shall be promoted or appointed as Professor.

1.13 All the procedures outlined above shall be completed on the day of the selection committee meeting, wherein the minutes are recorded along with scores obtained and recommendation made on the basis of merit and duly signed by all members of the committee in the minutes.

1.14 CAS promotions being a personal promotion to the incumbent teacher holding a substantive sanctioned post, on superannuation of the individual incumbent, the said post shall revert back to its original cadre.

1.15 The incumbent teacher must be on roll and active service of the University on the date of consideration by the Committee for CAS Promotion. However, if the assessment of the teacher/ scientist is delayed he/ she may be considered for promotion even after retirement.

1.16 (a) If a candidate applies for promotion on completion of the minimum eligibility period and is successful, the date of promotion will be from that of minimum period of eligibility.

(b) If, however, the candidate finds that he/she fulfils the eligibility conditions at a later date and applies on that date and is successful, his/her promotion will be effected from that date of application fulfilling the criteria.

(c) If the candidate does not succeed in the first assessment, but succeeds in the eventual assessment, his/her promotion will be deemed to be from the later date of successful assessment.

1.2.1 Ten percent of the positions of sanctioned posts of Professors in the University may be upgraded to the new HAG scale of ₹ 67,000- ₹ 79,000/- (annual increment @ 3%) with no grade pay and persons with a minimum of ten years of teaching/research/ extension experience as Professor either in the pre-revised scale of Professor's pay or the revised scale pay will be eligible for promotion to the higher grade of Professorship on satisfying the required minimum scores, assessed by a duly constituted Expert committee, and such teachers promoted to the higher grade shall continue to be designated as Professor (HAG). As this elevation to HAG scale for Professor is applicable to only university departments, additional credentials are to be evidenced by:

(a) Post-doctoral research outputs of high standard;

(b) Awards / honours /and recognitions;

(c) Additional research degrees like D.Sc., D.Litt., LID, etc.; patents and IPR on products and processes developed / technology transfer achieved in the case of teachers in science and technology.

The selection is to be conducted by the University by receiving duly filled-in proforma from eligible professors based on seniority, three times in number of the available vacancies. In case the number of candidates available is less than three times the number of vacancies, the zone of consideration will be limited to the actual number of candidates available. The assessment process shall be through an Expert-Committee evaluation of all credentials submitted. The Expert Committee shall comprise three persons of eminence in the concerned subjects who either are serving or retired and of the rank not below Deans/Directors/Vice-Chancellors or equivalent cadres. All the experts of the committee shall explicitly mention in their recommendation whether the candidate is eligible for placing in the new HAG scale (Rs. 67000-79000 without any AGP). The names of all the recommended candidates will be pooled at the university level and based on seniority and the availability of the number of posts, the University shall place the candidates in the new HAG scale (Rs. 67000-79000 without any AGP). The candidates whose names have been recommended for placement in the new HAG scale (Rs. 67000-79000 without any AGP), but not considered for want of vacancies, shall be kept in reserve for a further period of three years and shall be placed in the new HAG scale (Rs. 67000-79000 without any AGP) as and when vacancies

arise. If any candidate is not recommended by the committee for placement in the new HAG scale (Rs. 67000-79000 without any AGP), he/she may apply once again after a gap of three years. No separate interview needs to be conducted for this category.

1.3 The PPMC shall act as Internal Quality Assurance Cell (IQAC) in the University with Vice Chancellor as chairperson. The IQAC shall act as the documentation and record-keeping cell for the university.

2. DUTIES, RESPONSIBILITIES AND LEAVE

2.1 Duties and Responsibilities of Teachers

Teachers in the University, including those in research and extension, shall perform duties as assigned by the University from time to time. The following are indicative duties and not exhaustive of the responsibility that teachers have to perform.

a) Offering courses as decided by the University Head of the Department.
b) Advising Post Graduate students.
c) Conducting examinations, evaluation of papers and declaration of results.
d) Invigilators in the course examinations and other examinations conducted by the college.
e) Acting as External Examiners both for evaluation of thesis as well as setting and evaluation of answer papers from other Universities.
f) Acting as PG Coordinator and in-charge of PG seminar.
g) Scrutinizers of grades and results.
h) Attending PG seminars and colloquia.
i) Staff Advisors
j) Tour Leaders, Students' Counsellors
k) Chief Warden/Warden
l) NCC/NSS Officers
m) Supervisors during the RAWE and Experiential Learning Programme, Training Programmes and Internships.
n) Conducting experiments for research projects.
o) Attending all meetings as and when convened by the Head of the Department/ Controlling Officers/ any other Officers of the University.
p) Assisting the Controlling Officer in conducting extra-curricular activities.
q) Acting as Resource Persons in Summer Courses/ Training Programmes conducted in the University.
r) Conducting demonstrations and other extension activities.
s) Responding to the farmers' queries about the solutions to their problems.
t) Farm Management
u) Duties as Members of different committees constituted by the University Authorities.
v) Any other work assigned by the Controlling Officers/ University.

2.2 Leave

The teachers in the University are entitled to the privileges of leave as prescribed in KCSRs from time to time, in addition to those mentioned in the University Statutes.

3. COUNTING OF PAST SERVICES FOR PROMOTION UNDER CAS-2006

Previous regular service, whether national or international, as Assistant Professor, Associate Professor or Professor or equivalent in a University, College, National Laboratories or other scientific/professional Organizations such as the CSIR, ICAR, DRDO, UGC, ICSSR, ICHR, ICMR, DBT, etc., should be counted for direct recruitment and promotion under CAS of a teacher as Assistant Professor, Associate Professor, Professor, provided that:

(a) The essential qualifications of the post held were not lower than the qualifications prescribed by the UGC for Assistant Professor, Associate Professor and Professor as the case may be.

(b) The post is/was in an equivalent grade or of the pre-revised scale of pay as the post of Assistant Professor (Lecturer), Associate Professor (Reader) and Professor.

(c) The candidate for direct recruitment has applied through proper channel only.

(d) The concerned Assistant Professor, Associate Professor and Professor should possess the same minimum qualifications as prescribed by the UGC for appointment to the post of Assistant Professor, Associate Professor and Professor, as the case may be.

(e) The post was filled in accordance with the prescribed selection procedure as laid down in the Regulations of University/State Government/Central Government/ Concerned Institutions, for such appointments.

(f) The previous appointment was not as guest lecturer for any duration, or an ad-hoc or in a leave vacancy of less than one-year duration. Ad hoc or temporary service of more than one-year duration can be counted provided that:

(i) the period of service was of more than one-year duration;
(ii) the incumbent was appointed on the recommendation of duly constituted Selection Committee; and
(iii) the incumbent was selected to the permanent post in continuation to the ad-hoc or temporary service, without any break.

(g) No distinction should be made with reference to the nature of management of the institution where previous service was rendered (private/local body/ Government), for counting past services under this clause.

4. PERIOD OF PROBATION AND CONFIRMATION

4.1 The minimum period of probation shall be one year extendable by a maximum period of one more year in case of unsatisfactory performance.

4.2 The confirmation at the end of one year shall be based on satisfactory work done by the candidate.

4.3 It is obligatory on the part of the University to issue an order of confirmation to the incumbents within 60 days of completion of probationary period after due process of verification of satisfactory performance after submitting the application.

4.4 Probation and confirmation rules are applicable only at the initial stage of recruitment, issued from time to time.

5. CREATION AND FILLING UP OF POSTS OF TEACHERS

With the approval of the Government, posts of teachers in University, as far as feasible, may be created in a pyramidal order, that is, for instance, for one post of Professor, there shall be two posts of Associate Professors and four posts of Assistant Professors, per department.

CAREER ADVANCEMENT SCHEME – 2006

PROPOSED SCORE CARD FOR ASSESSMENT OF ASSISTANT PROFESSORS IN THE PAYBAND OF ₹ 15600-39100

(i) to move from AGP ₹ 6000 to AGP ₹ 7000 (Min Marks =60)

(ii) to move from AGP ₹ 7000 to AGP ₹ 8000 (Min Marks =65)

Sl. No.	Particulars	Marks allotted for main items
1	Specific Achievements in Teaching/Research/Extension work during Assessment Period	50
2	Published Work During the Assessment Period	10
3	Summer Schools/ Winter Schools/ Refresher Course/Special Training/Training/ Symposia/ Seminar/ Workshop/ Conference	06
4	Creative / Innovative achievements in teaching / research / Extension (AGP of Rs.6000 and above)	02
5	International Exposure (AGP of Rs.6000 and above)	01
6	Awards/ Distinctions received (AGP of Rs.6000 and above)	03
7	Corporate / Other Activities	11
8	Outstation Service (AGP Rs.6000 and above)	05
9	Annual Evaluation Reports (during the assessment period)	12
	Total	**100**

SCORE CARD FOR ASSESSMENT

(i) OR PROMOTION FROM ASSISTANT PROFESOR (PAY BAND ₹ 15600-39100+ AGP ₹ 8000) TO ASSOCIATE PROFESSOR (PAY BAND ₹ 37400-67000+AGP ₹ 9000) (Min Marks =70) &

(ii) FOR PROMOTION FROM ASSOCIATE PROFESSOR (PAY BAND ₹ 37400-67000 + AGP ₹ 9000) TO PROFESSOR (PAY BAND ₹ 37400-67000 + AGP ₹ 10000) (Min Marks =70)

Sl. No.	Particulars	Marks allotted for main items
1	Specific Achievements in Teaching/ Research/ Extension work during Assessment Period + previous two years	45
2	Published Work during the Assessment Period + previous two years	12
3	Summer Schools/ Winter Schools/ Refresher Course/ Special Training/ Symposia/ Seminar / Workshop/ Conference	04
4	International Exposure (AGP Rs.6000 and above)	01
5	Awards/ Distinctions Received (AGP Rs.6000 and above)	03

6	Corporate / Other Activities	08
7	Outstation Service (AGP Rs.6000 and above)	05
8	Annual Evaluation Reports (during the assessment period)	12
9	Performance in Interview	10
	Total	**100**

PROPOSED SCORE CARD FOR ASSESSMENT OF ASSISTANT PROFESSORS OF PHYSICAL EDUCATION IN THE PAY BAND OF ₹ 15600-39100

(i) to move from AGP ₹ 6000 to AGP ₹ 7000 (Min Marks =60)

(ii) to move from AGP ₹ 7000 to AGP ₹ 8000 (Min Marks =65)

Sl. No.	Particulars	Marks allotted for main items
1	Performance / contribution during the Assessment period of corporate work.	50
2	Published Work During the Assessment Period	10
3	Summer Schools/ Winter Schools/ Refresher Course/Special Training/ Symposia/ Seminar/ Workshop/ Conference	06
4	Creative / Innovative achievements in sports related activities (AGP of Rs.6000 and above)	02
5	International Exposure (AGP of Rs.6000 and above)	01
6	Awards/ Distinctions Received (AGP of Rs.6000 and above)	03
7	Corporate / Other Activities	11
8	Outstation Service (AGP of Rs.6000 and above)	05
9	Annual Evaluation Reports (during the assessment period)	12
	Total	**100**

SCORE CARD FOR ASSESSMENT

(i) FOR PROMOTION FROM ASSISTANT PROFESOR (PAY BAND ₹ 15600-39100+ AGP ₹ 8000) TO ASSOCIATE PROFESSOR (PAY BAND ₹ 37400-67000+AGP ₹ 9000) (Min Marks =70)

&

(ii) FOR PROMOTION FROM ASSOCIATE PROFESSOR (PAY BAND ₹ 37400-67000 + AGP ₹ 9000) TO PROFESSOR (PAY BAND ₹ 37400-67000 + AGP ₹10000) (Min Marks =70)II. Associate Professor Physical Education.

Sl. No.	Particulars	Marks allotted for main items
1	Performance / contribution during the Assessment period of corporate work + previous two years.	45
2	Published Work during the Assessment Period + previous two years	12
3	Summer Schools/ Winter Schools/ Refresher Course/ Special Training/ Symposia/ Seminar/Workshop/ Conference	04
4	International Exposure (AGP of Rs.6000 and above)	01
5	Awards/ Distinctions Received (AGP of Rs.6000 and above)	03
6	Corporate / Other Activities	08
7	Outstation Service (AGP of Rs.6000 and above)	05
8	Annual Evaluation Reports (during the assessment period)	12
9	Performance in Interview	10
	Total	**100**

PROPOSED SCORE CARD FOR ASSESSMENT OF ASSISTANT LIBRARIAN IN THE PAY BAND OF `.15600-39100

(i) to move from AGP ₹ 6000 to AGP ₹ 7000 (Min Marks =60)
(ii) to move from AGP ₹ 7000 to AGP ₹ 8000 (Min Marks =65)

I. Assistant librarian.

Sl. No.	Particulars	Marks allotted for main items
1	Library Services	50
2	Published Work during the Assessment Period	10
3	Summer Schools/ Winter Schools/ Refresher Course/ Special Training/ Symposia/ Seminar/ Workshop/ Conference	06
4	Creative / innovative achievements in Library Science (AGP of Rs.6000 and above)	02
5	International Exposure (AGP of Rs.6000 and above)	01
6	Awards/ Distinctions received (entire service)	03
7	Corporate / Other Activities	11
8	Outstation Service (AGP of Rs. 6000 and above)	05
9	Annual Evaluation Reports (during the assessment period)	12
	Total	**100**

Staff recruited directly at different positions in the last five years.

Sl. No.	Year	Officer posts	Professor Post	Associate Professor Post	Assistant Professor Post
1	**2021-22**	10	-	-	-
2	**2022-23**	-	-	-	14
3	**2023-24**	-	-	-	-
4	**2024-25**	-	-	-	-
5	**2025-26**	-	-	4	46
Total		**10**	**-**	**4**	**60**

Note: The teachers are promoted to higher cadres namely, professors and associate professors as when the eligibility requirements are met under the Career Advancement Scheme.

Recruitment procedure for Technical Staff in UAS, Bangalore

Technical Assistant / Field Supervisors/ Training Assistant, Farm Managers and Programme Assistant (Computers) comes under T-4 Series Posts. The qualification for Direct Recruitment of Technical Series posts are included in Cadre and Recruitment Regulations of UAS, Bangalore by notifying in the Karnataka gazette. Notification is issued for recruitment of technical posts by inviting the applications in the prescribed form from eligible candidates for filling up of the Technical Series Posts sanctioned to different schemes and KVK's in the University of Agricultural Sciences, Bangalore. The procedure for the selection of candidates for the posts advertised has in accordance with the Statute 32 and the Cadre and Recruitment Regulations of UAS, Bangalore and the classification of vacancies is made in accordance with the relevant Government orders as amended from time to time. The selection of the Technical staff has been done as per the Score Card published in the Karnataka Gazette dated 31-01-2008 of UAS,

Bangalore and ICAR guidelines notified time to time. The qualification prescribed for recruitment of technical series posts is as follows

✓ **Training Assistant / Technical Assistant / Field Supervisor**

(a) A Bachelor's degree in Agriculture / Horticulture / Home Science / Agril. Engineering / Veterinary Science / Animal Science / Forestry / Sericulture / Agricultural Marketing and Co-operation / Food Science / Agri. Biotechnology from a recognized Agricultural University with good academic record with a minimum OGPA of 6.50/10.00 or CGPA of 2.25/4.00 or its equivalent or 55% of marks (where grade points are not in vogue).

(b) A relaxation of minimum OGPA from 6.50/10.00 to 6.00/10.00 and CGPA of 2.25/4.00 to 2.00/4.00 is provided for SC/ST category (55% to 50% of marks where grade points are not in vogue).

✓ **Farm Manager**

(a) A Bachelor's degree in Agriculture / Horticulture / Forestry / Sericulture / Agril. Marketing and Cooperation from a recognized Agricultural University with a good academic record and a minimum OGPA of 6.50/10.00 or CGPA of 2.25/4.00 or its equivalent or 55% of marks (where grade points are not in vogue).

(b) Relaxation of minimum OGPA from 6.50/10.00 to 6.00/10.00 and CGPA of 2.25/4.00 to 2.00/4.00 is provided for SC/ST category (55% to 50% of marks where grade points are not in vogue).

✓ **Programme Assistant (Computer)**

A Pass in B.Sc. (Computer Science) / Bachelor in Computer Application or any Bachelor degree from a recognized University with one-year diploma in Computer Application.

Notification will be issued for recruitment of technical posts by inviting the applications in the prescribed form from eligible candidates for filling up of the Technical Series Posts Sanctioned to different Schemes and KVK's in the University of Agricultural Sciences, Bangalore. The procedure for selection of candidates for the posts advertised will be in accordance with the Statute 32 and the Cadre and Recruitment Regulations of UAS, Bangalore and the classification of vacancies are made in accordance with the relevant Government orders as amended from time to time. The selection of technical staff will be done as per the Score Card published in the Karnataka Gazette of UAS, Bangalore and ICAR guidelines notified time to time.

✓ **Promotion Procedure for Technical Staff T4 to T5 Series Posts**

The promotion of Technical Staff is being done on the basis of Guidelines of Assessment Procedure and Score Card for Promotion ofT-4 Series to T-5 Series Post in UAS, Bangalore. Assessment of the Technical personnel for promotion from T4 to T5 shall take into consideration of the following:

- The material furnished in the 5 years Assessment Proforma (enclosed)
- Annual Confidential Reports for the last 5 years

The Assessment Committees shall be constituted by the Appointing Authority and shall comprise not less than 3 and not more than 5 members including the Chairman. The Chairman of the Committee would be a person from outside the University and would be nominated by the Vice-Chancellor, UAS, Bangalore. Separate Assessment Committees will be constituted for each professional group (Farm Manager / Training Assistant / Programme Assistant (Computer) / Technical Assistant / Field Supervisor)

and will include experts in the particular professional groups/discipline in addition to Director of Extension/Director of Research concerned in the University.

Score card for promotion of T4-T5

I.	Evaluation of Annual Confidential Reports (during the assessment period)	80 Marks
II.	Assessment Committee Evaluation	20 Marks
	Total	**100 Marks**

The merit promotion from T-4 to T-5 grade shall be made only if an employee meets the following minimum percentage.

Grade	Minimum percentage for SC / ST employees	Minimum percentage for Others
For promotion from T-4 toT-5 grade	62%	67%

✓ **Promotion Procedure for Technical Staff T6 to T9 Series Posts**

The assessment of technical personnel shall take into consideration of the following:

- The material furnished in the five years assessment proforma (enclosed).
- Performance record files maintained by the technical personnel in a suitable proforma.
- Biodata and career information (various posts held etc.) of the technical personnel throughout their service.
- Annual Confidential Reports for the past 5 years

Score card for promotion of T6-T9 Series Posts

I.	Evaluation of Annual Confidential Reports (during the assessment period)	80 Marks
II.	Assessment Committee Evaluation	20 Marks
	Total	**100 Marks**

The merit promotion from T-5 to T-9 grade shall be made only if an employee meets the following minimum percentage

Grade	Minimum percentage for SC / ST employees	Minimum percentage for Others
For promotion from T-5 to T-6 grade	62%	67%
For promotion from T-6 to T-(7-8) and to T-9 grade	70%	75%

Promotion of Technical Staff from T4 to T5 Series Posts for last five years Group wise

Sl. No.	Year	Technical Assistants	Training Assistants	Farm Managers	Programme Assistants (Computer)
1.	**2021-2022**	11	02	04	02
2.	**2022-2023**	-	-	-	-
3.	**2023-2024**	-	-	-	-
4.	**2024-2025**	-	-	-	-
5.	**2025-2026**	-	-	-	-
Total		**11**	**02**	**04**	**02**

Promotion of Technical Staff from T5 (Technical Officers) to T6 Series (Senior Technical Officers) Posts for last five years Group wise

Sl. No.	Year	T5(Technical Officers) to T6 Series (Senior Technical Officers)
1.	2021-2022	-
2.	2022-2023	12
3.	2023-2024	-
4.	2024-2025	-
5.	2025-2026	15
Total		27

✓ Assessment Committee

The Assessment Committees will be constituted by the appointing authority and will comprise not less than 3 and not more than 5 members including the Chairman. The Chairman of the committee would be a person of the rank of Officer in the university and would be nominated by the Vice-Chancellor, UAS, Bangalore. A Common Committee will be constituted for all professional groups (Farm Manager /Technical Assistant/ Programme Assistant (Computer) /Programme Assistant (Lab Technician) and will include expert in the particular professional groups /discipline in addition to Director of Extension/ Director of Research concerned in the University

✓ Recruitment procedure for Supporting and Administrative Staff in UAS, Bangalore

The direct recruitment of Supporting and Administrative Staff is done as per the Statute and Cadre and Recruitment Regulations of UAS, Bangalore and the classification of vacancies are made in accordance with the relevant State Government orders as amended from time to time.

The applications were invited by the eligible candidates in the prescribed format for the different Cadres as per the qualification prescribed in the C&RR of UAS, Bangalore by notifying the same in the leading news papers.

The Scrutiny committee constituted for the selection of candidate carried out the process on the basis of the marks obtained in the interview and as per the marks prescribed for the qualification and experience.

The Selection Committee for Direct Recruitment shall be appointed by the Vice-Chancellor and shall be comprised of not less than five members of which two shall be from among the Officers of the University. One of the five members shall be Director of Social Welfare, Government of Karnataka or his nominee not below the Rank of Deputy Director. The Vice-Chancellor shall appoint one of the members as Chairman of the Committee. Three members shall constitute the quorum.

The Revised selection procedure is done by calling applications through online and conducting the Competitive Examinations for eligible candidates on the basis of the Karnataka Civil Service (Direct Recruitment rules) notified by Government of Karnataka. There will be no interview for Group C and D cadres in the recruitment process, the selection will be done on the basis of the marks obtained in the Competitive Examinations conducted by UAS, Bangalore.

✓ **Appointment of non- teaching posts under direct recruitment for last five years' group wise**

Sl. No.	Year	Group-A	Group-B	Group-C	Group-D
1	2021-2022	-	04	-	-
2	2022-2023	-	-	-	-
3	2023-2024	-	-	-	-
4	2024-2025	-	-	24	-
5	2025-2026	-	-	04	-
	Total	**-**	**04**	**28**	**-**

➢ **Details of Security, up keeping and manpower personals deployed at various places in UAS Bangalore**

Year	Security	Upkeeping	Manpower supply to Hostels
2024-25	GKVK - 121 persons	GKVK - 81 persons	GKVK - 68 persons
	Hebbal - 22 persons	Hebbal - 5 persons	-
	Chintamani - 6 persons	Chintamani - 7 persons	Chintamani - 25 Persons

➢ **Procedures followed during calling tenders for security, up keeping and manpower supply arrangements in UAS Bangalore**

1	Preparation of Estimation based on minimum wages Act
2	Calling Tenders
3	Opening of Technical Bid and Evaluation of Tender Documents by Tenderer Security Committee
4	Opening of Financial Bid
5	Awarding of contract to the lowest bidder
6	Entering Agreement with the lowest bidder

6.6.5.2. Participation of Faculty in Symposia/Workshops

During the assessment period teaching, research, and extension faculties of the university participated in different academic events. These events helped the faculty in gaining the knowledge, upgrading the skills, networking with professionals working in the other institutions in their respective disciplines. The faculty were participated in 284 international and 1087 national level seminars/ Symposia/ Workshops/ Training/ Consultancy visits/ Special assignments/ etc. The college wise brief abstract is presented below and the details of participation are furnished in the Annexure-6.6.5.2.

Abstract of Participation of Faculty in Symposia / Workshops (2021-22 to 2025-26)

Sl. No.	Teaching / Research / Extension	2021-22		2022-23		2023-24		2024-25		2025-26		Total	
		I	N	I	N	I	N	I	N	I	N	I	N
1	CoA, GKVK, Bengaluru	10	130	21	48	11	32	08	29	12	33	62	272
2	Directorate of Research	13	107	65	63	38	113	21	128	07	85	144	496
3	Directorate of Extension	04	23	02	15	04	30	03	16	01	22	14	106
4	CoS, Chintamani	-	02	-	04	-	48	-	05	01	55	01	114
5	CoAE, GKVK, Bengaluru	09	14	05	14	12	15	6	18	08	23	40	84

6	CoA, Mandya	14	15	06	07	-	07	4	02	-	-	24	31
7	CoA, Hassan	-	01	02	05	02	04	01	03	-	01	05	14
Total		**50**	**292**	**101**	**156**	**67**	**249**	**43**	**201**	**29**	**219**	**290**	**1117**

Note: I- International; N: National

Seminar / Conference / Symposia/Workshops organised by the faculty Year wise (2021 22 to 2025 26)

Sl. No.	Colleges & directorates	Seminars /workshops					Training programmes					Conferences					Summer /Winter schools				
		A	B	C	D	E	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E
1	CoA, GKVK, Bengaluru	7	4	11	6	5	20	29	22	39	14	3	1	5	5	3	1	-	-	-	-
2.	Directorate of Research	11	4	13	16	10	70	60	337	127	95	4	1	1	1	3	0	0	0	0	0
3	Directorate of Extension	16	17	09	06	09	831	780	899	1015	558	1	2	2	1	2	0	0	0	0	0
4	CoS, Chintamani	0	0	1	1	0	1	18	9	13	3	0	1	0	0	1	0	0	0	0	0
5	CoAE, GKVK, Bengaluru	1	1	4	1	2	2	5	6	8	1	0	0	0	0	0	0	0	0	0	0
6	CoA, Mandya	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
7	CoA, Hassan	0	0	2	2	1	1	45	14	51	0	0	0	1	0	0	0	0	0	0	0

Note: A-2021-22, B-2022-23, C-2023-24, D-2024-25, E-2025-26

Major events organized at university

During the assessment period (2021-26), the University of Agricultural Sciences, Bangalore organized several events featuring the participation of international and national delegates. The major events hosted at the university are summarized below.

1) **International Conference on 'Advances in Agriculture and Food Systems towards Sustainable Development Goals'** was organized at GKVK, UAS, Bangalore from 22-24 August, 2022. The main themes of the conference were sustainable transformation in agriculture and food production system, recent advances in aquaculture for food and nutritional security, Innovation in global & regional agricultural education towards youth empowerment, climate change resilient agriculture, post-harvest technology for responsible consumption, global and regional policy transformation.



Dignitaries releasing the Souvenir of the conference during the International Conference on 'Advances in Agriculture and Food Systems towards Sustainable Development Goals'

2) **International Conference on 'Feeding the Future through Sustainable Eco-friendly Innovations in Rangeland, Forages and Animal Sciences'**was jointly organized by the University of Agricultural Sciences, Bangalore, Range Management Society of India and ICAR-Indian Grassland and Fodder Research Institute, Jhansi from 2-4 December, 2023 at GKVK, Bengaluru with themes of trends in rangeland/grassland science, Forage sustainability, innovations and initiatives, Innovations and opportunities in forage crop improvement, Recent advances in veterinary and dairy sciences for enhanced milk and meat production, New vistas and technologies in forages and animal sciences, Revisiting the roots in rangelands, forages and animal sciences and Socio-economic issues and policy perspectives in rangelands, forages and animal sciences.

3) **DAESI Sammelana:** Directorate of Extension of UAS, Bangalore organized DAESI Sammelana on 18th October, 2023 at GKVK, Bengaluru to create a platform for the certificate holders of Diploma in Agricultural Extension Services for Input dealers (DAESI) and to showcase their activities as Para Extension Workers. Dr. S.V. Suresha, Vice-Chancellor gave his initial remarks about the DAESI programme, highlighted the significant achievements of the university and welcomed the dignitaries. Shri Siddaramaiah, Hon'ble Chief Minister of Karnataka inaugurated the programme and, in his address, urged the input dealers to work as Para-extension workers for the welfare of the farmers like the erstwhile Gramasevaks who worked in the Karnataka State Department of Agriculture. Shri N. Chaluvarayaswamy, Hon'ble Minister of Agriculture, GoK appreciated the aim and efforts in upgrading the knowledge of the input dealers. Shri Krishna Byre Gowda, Hon'ble Minister of Revenue, GoK presided over the program and appealed the input dealers to be honest and have social responsibility apart from business orientation. Shri Sharath Bachegowda, Member of Legislative Assembly (Hosakote) and Member Board of Management of UAS-B; Shri Narendra Swamy, Member of Legislative Assembly (Malavalli); Dr. P. Chandrashekara, Director General (MANAGE), Hyderabad and Dr. G.T. Putra, Director and State Nodal Officer (ATMA), KSDA were the Guests of Honour. Members of Board of Management of UAS-B and Dr. V.L. Madhuprasad, Director of Extension were present. As a part of the DAESI Sammelana an exhibition was organized and the

souvenir 'DAESI DWANI " was released by the dignitaries. Over 2500 input dealers participated in the programme. On the same day, Hon'ble Chief Minister inaugurated the Institute of Baking Technology and Value Addition building at ATIC premises of GKVK and also the Exhibition-cum-sale of Novel Bakery Products.



4) **21st All-India Agricultural Universities Youth Festival (2022-23):** The University of Agricultural Sciences, Bangalore organized 21st All-India Agricultural Universities Youth Festival (2022-23) from 13-17 March, 2023 at GKVK Campus, Bengaluru in collaboration with Indian Council of Agricultural Research, New Delhi. The 21st Agri-Unifest, a five days' cultural extravaganza, attracted more than 1700 talented youth from different parts of the country. Students from 57 Agricultural Universities / Deemed Universities/ Central Universities participated and showcased their talent and skills in eighteen events under five themes *viz*., Music, Dance, Literary, Theatre and Fine arts.UAS, Bangalore bagged first position in Cultural Procession; second Position in Extempore & On the Spot Painting and third position in Debate, Group Song- Patriotic & Mime. The Overall Champion Trophy was bagged by the University of Horticultural Sciences, Bagalkot, Karnataka while, Bidhan Chandra Krishi Viswavidyalaya, Mohanpur, West Bengal won the first runner-up place. University of Agricultural Sciences, Bangalore, Karnataka secured the third place.





5) **Expo & Conference: Millets and Organic & Natural Farming:** University of Agricultural Sciences, Bangalore and Sri Naisargik (An initiative of the Art of Living), Bengaluru jointly organized the International Conference & Expo on 'Millets, Organic & Natural Farming: Opportunities and Challenges to Ensure Food & Nutritional Security' in commemoration with International Year of Millets at Art of Living, Bengaluru from 9-11 December, 2023. In his Expo inaugural address Shri N. Chaluvarayaswamy, Hon'ble Minister of Agriculture, GoK said that there is a need for raising awareness about how millet can contribute to a healthy and balanced diet. Dr. S.V. Suresha, Vice-Chancellor of UAS-B said that the objective of the programme is to provide an opportunity and a vibrant platform for all the stakeholders across the globe including researchers, technologists, extension workers, managers, industry officials, nutrition experts, policy makers and progressive farmers to deliberate issues with respect to millets, organic & natural farming. About 160 stalls were exhibited encompassing Agricultural Inputs, State Developmental Departments, NGOs, Banking Sector and Private Sector Organizations wherein more than 50,000 farmers, general public and students participated in the expo. The conference was inaugurated by Poojya Gurudev Shri Ravishankar, Founder of Art of Living, Bengaluru. He articulated that millets and organics can be promoted through production linked incentive schemes and for food processing industry of millet-based products. Dr. M. Hanumanthappa, Vice-Chancellor, UAS, Raichur was the chief guest. Overall, 200 registered delegates participated in the conference and 260 research papers were presented in four technical sessions. During the event five awards were conferred to the progressive farmers. Officers of the University, Officers of the Art of Living, Eminent Scientist across the globe and Celebrities graced the expo and conference. Dr. B. Boraiah, Professor & Coordinator, RIOF, GKVK and Dr. T.E. Nagaraja, Professor & Coordinator, AICRP on Millets, GKVK were the Organizing Secretaries of the conference.





6) **Walk with Nature at GKVK:** Agricultural Technology Information Centre, Directorate of Extension, UAS, Banaglore organised 'Walk with Nature at GKVK' on 11th February, 2024 between 6.30 AM to 1.30 PM. Dr. S.V. Suresha, Vice-Chancellor of UAS-B inaugurated the programme in the august presence of Shri N.S. Govindaraju, *IAS*, Controller, Human Space Flight Centre, Bengaluru and Dr. V.L. Madhuprasad, Director of Extension, UAS-B. Around 150 participants registered through online took part in this event. During the walk participants visited different units of the University covering ATIC, Agricultural Sciences Museum, Institute of Baking Technology and Value Addition, Botanical garden, Pedonarium, Dept. of Sericulture, Farm section, Dept. of Horticulture, AICRDA, NSP, Hydroponics unit, Bee park, IFS unit, and others obtaining technical information from the scientists on the spot. Participants could get to taste millet-based products. Dr. K.P. Raghuprasad, Professor and Head and Dr. M. Shalini, Assistant Professor of Horticulture, ATIC, coordinated the programme.



7) **Raitha Santhe at GKVK-Buyers and Sellers Platform:** UAS, Bangalore organised Santhe- a platform for buying and selling on 22nd June, 2024 at GKVK Campus with the goal of educating the general public and farmers about the activities and products offered by the University. At the program's opening, Shri N. Chaluvarayaswamy, Minister of Agriculture, Government of Karnataka and Pro-Chancellor of UAS-B congratulated the University for hosting the Santhe for the first time in the institution's existence. The main attractions included Seeds, Aromatic & Medicinal Plants, Bio-Pesticides, Bio-Fertilizers, Agricultural Implements, Vermicompost, Organic Jaggery, Honey, Value Added Products of Silkworm Cocoons and Banana plants, Rajmudi Rice, Organic Ragi, Coconut Oil, Jackfruit & its Products, Value added products of Millets, Bakery Products, Ready-to-Cook Powders, Pickles, etc. Dr. S.V. Suresha, Vice-Chancellor of UAS, Bangalore, chaired the program and stated that throughout the course of its sixty-years of existence, the University has developed 328 varieties and 485 technologies, making it the leading Agricultural University in the state. He claimed that these varieties have all contributed to an increase in the State's overall agricultural output and are still highly favoured by farmers across the country. Furthermore, the University's improved varieties have transcended state and national borders, with over 400 quintals of sunflower seeds shipped to African Nations, he added. Over fifteen thousand farmers, public, faculty & students and Members of Board of Management of UAS-B took part in the event.




8) **International Conference on "Environment, Forestry and Sustainable Agriculture:** University has conducted 2nd International Conference on "**Environment, Forestry and Sustainable Agriculture**" which was jointly organised by the International Academy of Science and Research (IASR), Kolkata, Confederation of Indian Universities, New Delhi and UAS, Bangalore during 23rd to 25th November, 2023 at GKVK, Bengaluru.

9) **Startup Conclave-2024:** UAS, Bangalore has organized Agriculture Future and Forward: Startup Conclave-2024during 3rd December, 2024 with presence of more than 35 start-ups and 5 incubation centres in the Exhibition with more than 1500 participants. The main objective of the conclave was to fosters collaboration, showcase innovations, inspire entrepreneurs, promote knowledge and facilitate investment in the agriculture sector.

10) **National Conference on Land Resource Inventory (LRI) for "Sustainable Watershed Management:** UAS, Bangalore organized National Conference on Land Resource Inventory (LRI) for "Sustainable Watershed Management" from June 3rd to 5th, 2025. Delegates from DoLR, World Bank, NRAA &PMU, State Level Nodal Agencies, REWARD implementing officers from Karnataka and Odisha, REWARD technical consortium partners, UAS scientists and others were witnessed the programme.

11) **National Workshop on theCost of Cultivation Scheme (CCS) was** organized on 26th and 27th June 2025 at UAS, GKVK, Bengaluru. In this workshop delegates from Ministry of Agriculture and Farmers' Welfare, GOI and 19 Implementing agencies comprising of Honorary Directors, Field Officers, Assistant Statisticians, Field Supervisors, and Field Investigators across the country were participated and deliberated on various aspects. Shri Devajit Khound, Principal Economic Adviser, and Shri D.P. Srivastava, Adviser, Economics, Statistics and Evaluation division (MSP unit), Ministry of Agriculture and Farmers' Welfare, Government of India inaugurated National Workshop on the Cost of Cultivation Scheme.



12) International Conference on 'Watershed Resilience: Integrating Science, Sustainability and Society'

The Watershed Development Department, Government of Karnataka; the Department of Land Resources (DoLR), Government of India; the Centre of Excellence on Watershed Management, UAS, Bangalore and the World Bank jointly organized the International Conference on 'Watershed Resilience: Integrating Science, Sustainability and Society' from 26 to 28 November, 2025 at the Four Seasons Hotel, Bengaluru. The conference was inaugurated by Shri N. Chaluvarayaswamy, Hon'ble Minister for Agriculture, Government of Karnataka, in the august presence of Shri Manoj Kumar, *IFS*, Principal Secretary (Forests), GoK; Shri Nithin Khade, *IAS*, Joint Secretary and Ms. Tanuja Thakur Khalkho, Joint Secretary & Financial Advisor from DoLR; Shri Upendra Pratap Singh, *IFS*, Commissioner, Watershed Development Department; Dr. S.V. Suresha, Vice-Chancellor, UAS-B; Shri Andrew Goodland, Lead Agriculture Specialist, The World Bank; Dr. Stanford Blade, DDG, ICRISAT, Hyderabad; Dr. N.B. Prakash, Special Officer, CoE-WM, UASB, GKVK and Md. ParavejBanthanal, Director, WDD. The conference featured two major panel discussions addressing policy frameworks for watershed development and the private sector's role in data-driven watershed and agricultural transformation. Technical sessions showcased global innovations in soil and hydrology, digital agriculture, community engagement and impact assessment with shared experiences from Brazil, China, Ethiopia, Canada, France and India. Significant emphasis was placed on LRI (Land Resource Inventory) based watershed planning under the World Bank- aided REWARD programme, highlighting climate-resilient rural development approaches.

6.6.5.3. Incentives for Excellence/Faculty Recognition

To promote excellency and create the healthy competitive environment for achieving efficiency among the faculties of the University every year the University honours outstanding faculties in teaching, research and extension during the foundation day of the University with various awards and incentives, and also announces Dr. R. Dwarakinath Best Extension Worker Award during '*Krishi mela*'.

Additionally, the University also recognizes and honours excellence in agricultural research through a comprehensive system of awards and incentives to recognize and promote excellence in agricultural research, innovation and resource mobilization. This structured incentive system helps in enhancing research productivity and innovation, increased external funding mobilization, promotion of

entrepreneurial and revenue-generating research activities and strengthening farmer-centric technology development

✓ Procedure Followed in Selection of ICAR Best Teacher

Guidelines for The Best Teacher Award Sponsored by the ICAR

Higher Agricultural Education Institutions (HAEIs) have witnessed notable expansion in the recent past. Human resources have played a pivotal role in bringing excellence in HAEIs besides development and dissemination of new technologies. The Indian Council of Agricultural Research has a provision to sponsor Best Teacher Awards in HAEIs in the country to promote such excellence. For the sake of uniformity across the HAEIs, guidelines for awarding teachers for their academic excellence have been prepared.

The details of the award are given below:

Sl. No.	Guidelines as given by ICAR	Modified Guidelines
1.	The scheme is extended to all the CAUs, CUs with Agriculture Faculty, SAUs and Deemed-to-be Universities (altogether called as Higher Agricultural Education Institutions, HAEIs) under National Agricultural Education and Research System.	The scheme extended to SAUs by ICAR has been adopted by UAS, Bangalore in award of ICAR Best Teacher Award to fall under National Agricultural Education and Research System.
2.	Title of this award will be "Best Teacher Award in Agricultural Higher Education……(Year)."	Title of this award shall entitle as "ICAR Best Teacher Award ……(Year) at UASB."
3.	The award will carry a cash prize of Rs.50000/- with a citation and a plaque	The award shall carry a cash prize of Rs.50,000/- with a citation in the prescribed format and a plaque.
4.	It will be an annual event given at the Annual convocation or in a function on the Teachers Day/Foundation Day every year	The award shall be presented on the Foundation Day of UASB every year.
5.	The number of the awards in a particular HAEI will be one	There shall be one ICAR Best Teacher Award to be awarded in UASB every year.
6.	The award in each HAEI will be coordinated by the Dean (Resident Instruction)/ Dean (PG Studies). The Heads/Deans should not apply for the award. The application form will be invited by the Coordinator, which will be submitted through HoD to the Dean. The Dean of the Colleges after having nomination from each Department, will forward one name to the Coordinator. The coordinator will receivethe nominations from all Deans. Thereafter, all nominations will be put up to the Judgment committee for its final recommendation. The Vice	The award shall be coordinated by the Dean (PGS). The Incumbent Professor & Heads / University Heads / Deans / Directors / Special Officers / Registrar shall not apply for the award. The application form will be invited by the Coordinator; Dean(PGS), which shall be submitted through HoD to the Dean. The Dean of the Colleges, after receiving nomination from each Department, shall forward the following number of applications to the Coordinator.

	Chancellor will approve one name recommended by the Judgment committee.	a. College of Agriculture, GKVK: 3 applications b. College of Agriculture, Mandya: 2 applications c. College of Agriculture, Hassan: 2 applications d. College of Sericulture, Chintamani:2 applications Total: 9 applications The applicant who has maximum number of 'outstanding' rating of the annual evaluation report in the last five years shall be nominated. The Coordinator will receive the nominations from all Deans and shall be placed before the Moderating Committee. The Moderating Committee consists of the following: a. Director of Education, UAS(B)-Chairman b. One Retired Director/Dean from Farm Universities-Member c. Dean(PGS) UASB-Member Convener/Coordinator. The Moderating Committee shall review and recommend panel of names at 1:5 for the assessment committee.
7.	The applicant must have at least 5 years of teaching/ research/ extension experience as regular faculty member in a HAEI.	The applicant must have at least 5 years of teaching/research/extension experience as regular faculty of UASB.
8.	The applications/proposals will be invited by the Coordinator every year.	The applications shall be invited by the Coordinator every year.
9.	The applications/proposals in prescribed format will be enrooted through proper channel. It will be signed by the candidate and endorsed by at least three of his/her passed out postgraduate students (as major advisor) and two peers from the HAEI.	The applications in descriptive prescribed format shall be forwarded through proper channel. It shalll be signed by the candidate and endorsed by at least three of his/her passed out postgraduate students (as Major Advisor) and two peers from UASB. The candidates who are eligible up to June 30th of every year are eligible to submit their bio-data to the concerned Dean on or before July 31st of every year. The Deans will submit the required shortlisted candidates on or

<table>
<tr><td></td><td></td><td>before 31st August to the Co-ordinator of the Committee.</td></tr>
<tr><td>10.</td><td>The candidate must have at least three outstanding", but not less than two "very good" annual appraisal/self-appraisal reports out of immediate past five reports.</td><td>The candidate must have at least three 'outstanding', but not less than two "very good" annual evaluation reports out of immediate past five years.
The grading of the Confidential reports can be considered as follows:<table><tr><td>Grading</td><td>Description</td></tr><tr><td>A</td><td>Excellent equal to outstanding</td></tr><tr><td>B</td><td>Very Good</td></tr><tr><td>C</td><td>Good</td></tr><tr><td>D</td><td>Average</td></tr></table></td></tr>
<tr><td>11.</td><td>The candidate is expected to be a role model teacher with high moral values and must not have been penalized or any enquiry pending against him/her.</td><td>The candidate is expected to be a role model teacher with high moral values and must not have been penalized or any enquiry pending against him/her.</td></tr>
<tr><td>12.</td><td>The candidature will remain valid for three years with entitlement to the candidate to update his/her biodata every year.</td><td>A faculty can apply only three times in his/her professional career. The unsuccessful candidates need to apply afresh in response to the notification.</td></tr>
<tr><td>13.</td><td>The judgment committee will be as follows:
a. An external expert (not below the rank of Vice chancellor) =one
b. Deans/Directors from other agricultural Universities nominated by the vice chancellor=Two
c. DDG (Agricultural Education), ICAR, New Delhi or his nominee=one
d. Coordinator=one</td><td>The assessment committee shall consists of:
a. An external expert (not below the rank of Vice chancellor)-Chairperson=One
b. Deans/Directors from other Agricultural Universities nominated by the Vice Chancellor, UASB-Member =Two
c. DDG (Agricultural Education), ICAR, New Delhi or his nominee - Member=One
d. Coordinator/Member Convener=OneDean(PGS)

The assessment committee shall recommend a panel of three in order of merit for the approval of Vice-Chancellor, UASB. The Vice Chancellor will approve one candidate based on the merit from the panel of three for the award of "ICAR Best Teacher Award".</td></tr>
<tr><td>14.</td><td>Decision of the judgment committee (after approval of the Vice Chancellor) will be final. There will be no appeal against it.</td><td>Decision of the assessment committee (after approval of the Vice Chancellor) shall be final. There shall not be any appeal against the decision.</td></tr>
</table>

Score card for the selection of ICAR Best Teacher Award

The following proforma along with score card is used for the selection of ICAR Best Teacher Award.

PROFORMA

(Application/Proposal for ICAR Best Teacher Award in UAS(B))

Applying for: First / Second / Third Time

1. **Name and address:**
2. **Designation:**
3. **E-mail ID, Telephone Number/Mobile Number:**
4. **Academic Qualifications:**

Degree/Subject	University	Year	Division/Grade

5. **Teaching/research/Extension experience (for last five year)**

Position	University	Period	Year / Months

6. **Academic Achievements**
   a. **Teaching: Achievements under teaching should be listed under the following subhead**

Sl.No.	Particular (provide annexure for each sub-head)	Max. Marks allotted
1.	**Details of lectures taught (year wise for both UG and PG) for last 5 years**	10

Details		Marks
a.	Number of courses offered for UG Programmes @ 1.00 mark per course per year	08
b.	Number of courses offered for PG Programmes @ 1.00 mark per course per year	02

Sl.No.	Particular (provide annexure for each sub-head)	Max. Marks allotted
2.	Details of Post Graduate Research guided (No. of students/title of theses/year wise)	10

Details		Marks
a	No. of PG students guided year-wise as Major Advisor, who have completed their degree in last 5 years (@2.00 marks for Doctoral and 1.00 mark for Masters	10
b	In case of Co-chairperson, the marks will be shared @ 50% between Major Advisor & Co-chairperson	

Sl.No.	Particular (provide annexure for each sub-head)	Max. Marks allotted
3.	Placement of students obtained PG degree under your guidance	10

Details	Marks
Placement obtained by the PG students under candidate's guidance - as Chairman @ 2.00 marks per student (with relevant documents)	10

Sl.No.	Particular (provide annexure for each sub-head)	Max. Marks allotted
4.	No. of thesis selected for award/recognition etc., if any (in last 5 years)	10

Details			Marks
Number of Students guided (as Major Advisor) having won medal (For Co-Chairperson half of the marks mentioned)			10
a	International award	@ 4.00 marks	
b	National award	@ 3.00 marks	
c	State award	@ 2.00 marks	
d	Society / Board (recognized by ICAR)	@ 1.00 mark	

Sl.No.	Particular (provide annexure for each sub-head)	Max. Marks allotted
5.	No. of publications out of PG thesis under your guidance in last 5 years	10

Details		Marks
a	Publication out of your student's thesis as a Major Advisor in last 5 years (1.00 mark each for full length research paper published in a scientific/professional journal with NAAS rating of 5.0 and above) - Research paper should be certified by HoD Only first two authors shall be considered	10

Sl.No.	Particular (provide annexure for each sub-head)	Max. Marks allotted
6.	Details of teaching new courses, Laboratory manuals etc., for last 5 years	5

Details	Marks
a. Teaching of newly designed course for the first time (@ 1.00 mark/ course) to be certified by HoD and Dean	05
b. New Lab Manuals prepared (@ 1.00 mark/ course) to be certified by HoD and Dean	
c. New Teaching aids (@ 1.00 mark/ course) to be certified by HoD and Dean	

* An undertaking should be provided by the candidate in respect of Lab Manuals / teaching aids as not reproduced.

Sl.No.	Particular (provide annexure for each sub-head)	Max. Marks allotted
7.	Notable achievements for teaching – last 5 years	5

Maximum of 10 bullet points in teaching only should be provided by the candidate and to be certified by the HoD and Dean	05

Sl.No.	Particular (provide annexure for each sub-head)	Max. Marks allotted
8.	Co-curricular activities for last 5 years	5

b. Research achievement (for last 5 years)

Details	Marks
Chief Warden / Warden; ADSW, NSS Coordinator / Programme Officer, Team Managers representing UASB in sports/cultural events. (@ 0.25 mark per activity representing Colleges/ @ 0.5 mark per activity representing UASB)	05

	Details	Marks
a	Research projects completed/ ongoing- only Competitive projects with DR No. @ 1 mark per Externally funded project	05
b	Publication out of your projects (1.00 mark each for full length research paper published in a scientific/professional journal with NAAS rating of 5.0 and above)	
c	Patent(s) from your project - @ 2 marks per patent	

c. Extension achievement (for last 5 years)

	Details	Marks
a	Training conducted as Coordinator / Director – @ 1 mark per activity of not less than 5 days duration or 0.25 marks per day of training programme (less than 5 days)	05
b	Organization of Farmer's Fare/On-farm trials etc. – involved as Coordinator /Organizer @ 1 mark per activity	

7. Awards (for last 5 years)

	Details	Marks
a	International Awards @ 4 marks per award	05
b	National Awards @ 3 mark per award	
c	State Level Awards @ 2 mark per award	
d	University Awards @ 1 mark per award	

* The Awards issued by Recognized bodies (eg; ISCA, INSA etc.) only will be considered and the decision of the assessmentcommittee will be final.

8. Fellow of professional societies

Details	Marks
Fellow for the International / National professional societies @ 1 mark per Fellow	02

* The recognized societies only will be considered and the decision of the assessment committee will be final.

9. Contribution towards Institutional development activities (for last 5 years)

Details	Marks
Infrastructure development through external funding a. Above 20 lakhs @ 03.00 marks b. 10 to 20 lakhs @ 02.00 marks c. 5 to 10 lakhs @ 01.00 marks	03

10. A write up (not exceeding 500 words) and presentation in support of your candidature for the award (Maximum Marks=5)

	Details	Marks
a	A write up (not exceeding 500 words) through bullet points in support of the candidate for the award	3
b	Presentation of the candidate's choice for a period of 10 minutes	7
	* Top 5 candidates or 1:5 will be called for presentation	

11. Student feedback collected by respective College Dean at the end of each semester (for last 5 years) *

Details	Marks
	5

* This clause exempted for the applicants until the collection of feedback by semester is ensured. However, annual feedback as is being collected by the Dean of constituent Colleges in-vouge shall be considered.

Matter to be provided by the candidate.

Certificate: It is certified that the information given in columns 1-10 is correct to my knowledge and belief.

Date: (Signature of the Candidate)

(Counter signature of the Head of the Department)

ENDORSEMENT BY THE STUDENT

(Maximum of two students who has completed in last 5 years)

It is certified that I have obtained..... degree under the supervision of Dr.....in the year.....I endorse his candidature for the Best Teachers Award in Higher Agricultural Education by the .....(University).

Signature:
Name:
Designation:
Email ID:
Mobile Number:

ENDORSEMENT BY PEERS

(Maximum of two; Minimum one from outside the University)

It is certified that I know Dr..... for the past.....years and I am aware of his performance in academics. I endorse his candidature for the Best Teachers Award in Higher Agricultural Education by the .....(University)

Signature:
Name:
Designation:
Email ID:
Mobile Number:

✓ **Awardees of ICAR Best Teacher Award**

Sl. No.	Year	Campus	Name and Designation
1.	2021-22	-	-
2.	2022-23	College of Agriculture, GKVK, Bengaluru	Dr. K. N. Srinivasappa, Professor, Dept. ofHorticulture, CoA, GKVK, Bengaluru
3.	2023-24	From the academic year 2023-24 the ICAR Best Teacher Award was discontinued (P.No. Ag.Edn./1-2/2021-BP & FIS (Pt.) (e-141953) dtd: 23 October, 2023) copy enclosed	
4.	2024-25		
5.	2025-26		

Best Researcher Awards

On the occasion of Foundation Day of UAS, Bangalore scheduled during October every year, University confers following outstanding agricultural researcher awards.

i) **Nagamma Dattatreya Rao Desai Award**: For outstanding adaptive Agricultural Research for Agro-climatic Regions of Karnataka is awarded to any of the agricultural scientists of the farm universities in Karnataka whose work leads towards enhancing the agricultural production and the economic well-being of the farmers in the location-specific area of Karnataka.

ii) **Dr. Kalayya Krishnamurthy National Award**: For the Best Agricultural Research, is open to all the Agricultural and allied Scientists working in farm universities/ICAR institutes / Public institutions in India whose research or adoption of new technology (concluded within a period of 10 year) preceding the date of consideration resulted in the enhanced production of agricultural crops / economic wellbeing of farmers.

iii) The UAS, Bangalore has instituted **"Divya Chethana" Shri. S. M. Krishna Krishi Vignana Award** to the Young Agricultural Scientist from the year 2024-25 open to the young Agricultural Scientists (<45 years of age) working in farm universities and ICAR institutes of Karnataka.

iv) **Dr. M. H. Marigowda Endowment Award**: For the best Horticultural Research will be awarded bi-annualy during Krishimela held in the month of November every year. The award is open to all horticultural Scientists working in reputed academic and professional institutes in the country whose research or adoption of new technology has resulted in enhanced production of horticultural crops and economic well-being of the farmers of the region.

For all the awards, University invites applications every year in the month of July. The received applications are submitted to the committee members for evaluation along with guidelines and score card. The evaluation reports of the committee are placed in the meeting under the chairmanship of Hon'ble Vice-Chancellor of the University for finalization of awards. During the reporting period, the following faculties were being conferred with this award.

List of Awardees of the different awards from 2021-22 to 2025-26 (Best Researcher Awards)

Sl. No.	Year	Nagamma Dattatreya Rao Desai Award	Dr. Kalayya Krishnamurthy National Award	Divya Chethana Shri. S. M. Krishna Krishi Vignana Award	Dr. M. H. Marigowda Endowment Award
1	2021-22	Dr.I.S.Kattegeri, Associate Director of Research, UAS, Dharwad	Dr.Sujay Rakshit, Director, ICAR-Indian Institute of Maize Research, PAU Campus, Ludhiana, Punjab.	-	Dr.H.P.Maheswarappa, Director of Research, UHS, Bagalkote
2	2022-23	Dr.S.Shyamalamma, Professor, Dept. of Biotechnology, College of Agriculture, UAS, Bangalore	Dr.T.E.Nagaraja, Professor & Head, AICRP on Small Millets, ZARS, GKVK, UAS, Bangalore	-	-

3	2023-24	Dr.C.A.Deepak, Assistant Professor, AICRP on Rice, ZARS, VC Farm, Mandya	Dr.Mudalagriyappa, Professor and Head,AICRP on Dry land Agriculture, ZARS, GKVK, UAS, Bangalore	-	Dr.M.V.Dhananjaya, Prinicipal Scientist(Plant Breeding), ICAR-Indian Institute of Horticultural Research, Hesaraghatta lake post, Bengaluru
4	2024-25	Dr.M.N.Thimmegowda, Professor & Head, AICRP on Agrometeorology, GKVK, UAS, Bangalore	Dr.M.V.Dhananjaya, Principal Scientist (Plant Breeding), ICAR-Indian Institute of Horticultural Research, Hesaraghatta lake post, Bengaluru	-	-
5	2025-26	Dr.Nagarajappa Adivappar, Professor and PrincipalInvestigator, ARC, KSNUAHS,Shivamogga	Dr. G. Karunakaran Principal Scientist (Horticulture), Division of Fruit crops, ICAR-Indian Institute of Horticultural Research, Hesaraghatta lake post, Bengaluru	Dr. Mahesh, H.B. Assistant Professor, Department of Genetics & Plant Breeding, UAS, Bangalore,	Dr.Sanjay Kumar Singh, DDG (Horticulture Science), ICAR, New Delhi.

Best Extension Worker Awards

The two awards namely "M/s Zuari Industries Limited Best Extension Worker award" and "Dr. R. Dwarakinath Best Extension Worker Award" are being conferred to the faculties who excel in the extension work. The year wise awardees during the reporting period is presented in the below mentioned Table.

Best Extension Worker Awardees

Sl. No.	Year	M/s Zuari Industries Limited Best Extension Worker award	Dr. R. Dwarakinath Best Extension Worker Award
1	2021	-	Dr. A.P. Mallikarjuna Gowda, Senior Scientist and Head has been awarded during Krishi Mela held on 11th –14th November, 2021 at GKVK Campus, Bengaluru
2	2021	Dr.V.L.Madhuprasad, Professor and Chief Instructor received award on the occasion of University Foundation Day 01.10.2021	Dr.V.L.Madhuprasad, Professor and Chief Instructor received Dr. R. Dwarakinath award for success story article in Krishi Vignana Quarterly published during 2020 on 14-11-2021

Incentives for Externally Funded Research Projects

The University encourages faculty to mobilize research funding from national and international agencies such as Indian Council of Agricultural Research, Department of Science and Technology, Department of Biotechnology, ISRO, FAO, IRRI, and ICRISAT etc. to enable high quality research, enhances academic reputation and allows faculty to peruse specialized, impactful and interdisciplinary research studies.

Incentive structure for faculty who mobilizes the external funded projects are as follows

- **Individual Projects:**₹3–5 lakh (₹1,000), ₹5–10 lakh (₹2,000), ₹10–25 lakh (₹3,000), ₹25–50 lakh (₹4,000)
- **Team Projects:**₹50 lakh–₹1 crore (₹5,000/member), >₹1 crore (₹10,000/member)
- **Competitive projects:** Cash incentive + Certificate of Merit
- **Non-competitive projects:** Certificate of Merit only

List of Awardees of the externally funded projects during the assessment period

Sl. No.	Year/Foundation day	Principal investigator	Title of the project	Grant Received (₹ in lakhs)	Funding agency	Co-Principal investigators	Incentive
1.	2021-22 (56thFoundation Day)	Dr. Premanand B.Dashavant	Establishment of laboratory for quality testing of micro-irrigation components by Precision Farming Development Centre (PFDC)	361.50	GOK	Dr. B. C. Ravikumar, Dr. K. N. Srinivasappa, Dr. C. T. Ramachandra,	Certificate of Merit
2.		Dr. K. B. Umesh	Coordination of Indian Partner Projects	90.07	DBT, GoI, New Delhi	Dr. G. M. Gaddi	Certificate of Merit +₹5,000 /- Cash
3.		Dr. K. B. Umesh	Food and Nutrition Security at Different stages of urbanization	56.08	DBT, GoI, New Delhi	Dr. G. M. Gaddi	Certificate of Merit +₹5,000 /- Cash
4.		Dr. Hanumanthappa D. C.	Research cum Demonstration of Sensor Based Automated Irrigation Techniques in Important Agricultural crops.	100.00	RKVY	Dr. Mudalagiriyappa,Dr. G. M. Sujith Dr. A. R. Radhakrishna, Dr. V. Bhaskar	Certificate of Merit
5.		Dr. C. T. Subbrayappa	Soil and water quality in agricultural systems along the rural-urban interface of Bangalore	96.14	DBT, GoI, New Delhi	Dr. Mudalagiriyappa,Dr. Hanumanthappa D. C	Certificate of Merit +₹5,000 /- Cash

6.		Dr. B. T. Krishna Prasad	Establishment of plant tissue culture and virus indexing lab at College of Agriculture, Hassan	87.00	RKVY	Dr. Geetha Govind Dr. Umashankara Kumar Dr. Nataraja A	Certificate of Merit
7.		Dr. A. Sathish	Impact of urbanization on soil properties, water and crop productivity in rural, transition and urban areas of Bangalore	76.86	DBT, GoI, New Delhi	Dr. J. Venketegowda	Certificate of Merit +₹5,000 /- Cash
8.		Dr. Prabhu C.Ganiger	Systematic studies on shoot flies of Atherigoninae (Muscidae :Dpitera) from India	42.00	DBT, GoI, New Delhi		Certificate of Merit +₹4,000 /- Cash
9.		Dr. Prabhu C.Ganiger	Fall Army Worm (FAW), Spodoptera frugiperda (J.E Smith) (Lepidoptera: Noctuidae): Establishment, distribution and extent of damage in major maize growing area of Southern Karnataka and development of Integrated pest management through farmers participation	19.80	RKVY		Certificate of Merit
10.		Dr. M. T. Lakshminaray ana	Attitude, Time utilization and Socio-Economic changes of Households in Rural Urban Interface of Bangalore	50.63	DBT, GoI, New Delhi	Dr. K. Shivaramu Dr. H. K. Pankaja	Certificate of Merit +₹5,000 /- Cash
11.		Dr. K. Geetha	Dietary diversification, nutritional status and lifestyle patterns among lower middle-class households	49.58	DBT, GoI, New Delhi		Certificate of Merit +₹4,000 /- Cash

			in rural-urban interface of Bangalore				
12.		Dr. M. R. Girish	Effects of urbanization on value chains and livelihoods of farmers and other stakeholders (poultry and sheep / goat value chains)	47.25	DBT, GoI, New Delhi		Certificate of Merit +₹4,000 /- Cash
13.		Dr. A. S. Devakumar	Urbanization induced changes in agro ecosystems and release of nutrients and pollutants to water bodies along rural-urban interface of Bangalore	46.18	DBT, GoI, New Delhi		Certificate of Merit +₹4,000 /- Cash
14.		Dr. K. S. Somashekar	*Meliadubia* based agroforestry system for environmental sustainability and livelihood security of farmers in different agro-climatic zones of Southern Karnataka	32.00	RKVY		Certificate of Merit
15.		Dr. Geetha Govind	Identification of molecular players underlying tuberization in potato under elevated ambient temperature	30.91	SERB, GoI, New Delhi		Certificate of Merit +₹4,000 /- Cash
16.		Dr. S. B. Yoganand	Studies on effect of coated materials for the reduction of Nitrogen leaching from applied fertilizers	28.15	M/s UPL Limited, Mumbai		Certificate of Merit
17.		Dr. N. Nagaraju	Sustainable practices of crops in relation to growth, anti-virus and anti-vector activities in	21.56	M/s Sea6 Energy Pvt. Ltd., Bangalore		Certificate of Merit

			response to seaweed extracts				
18.		Dr. H. C. Lohithaswa	Genetics and geonomics of faster dry down in maize (*Zea mays* L.)	11.32	M/s Bayer CropScience Pvt. Ltd., Bangalore		Certificate of Merit
19.		Dr. B. N. Ramesh	Prospecting novel antimicrobial peptides and synthesis of analogues of insect antimicrobial peptides : Relevance for enhanced antimicrobial activity and stability	10.42	DST, GoI, New Delhi		Certificate of Merit +₹3,000 /- Cash
20.		Dr. K. S. Jagadish	Documentation of Existing Indigenous Technical Knowledge (ITK) and Success Stories in Beekeeping for enhancing livelihood security of Beekeepers	9.22	NABARD, Bangalore		Certificate of Merit
1.	2022-23 (57thFoundation day)	Dr. K. M. Harinikumar Dr. Veena S Anil	Strengthening of the Agri. Innovation Centre at UASB for Agri Start-ups	489.84	BIRAC, New Delhi		Certificate of Merit
2.		Dr. K. M. Harinikumar	M. Sc (Agri.) Plant Biotechnology	233.70	DBT, New Delhi		Certificate of Merit
3.		Dr. A. Sathish Dr. Premanand B.Dashavant	Watershed Development to prevent drought (WDPD)	466.77	Watershed Development Department, Govt. of Karnataka	Dr. B. G. Vasanthi,Dr. B. Mamatha, Dr. M. A. Ananthkumar, Dr. Ashoka K. R,Dr.Murkannappa,Dr. Praveen P,Dr. M. H. Manjunatha,Dr.	Certificate of Merit

						J. Venktegowda, Dr. K. N. Srinivasappa	
4.		Dr. K. Vishwanath	Development of demonstration and business model for soil-less agriculture production system at UAS, Bangalore	409.00	RKVY	Dr. M. N. Thimmegowda ,Dr.Mudalagiri yappa,Dr. G.M. Sujith,Dr. N. Nethra,Dr. M. K. Prasanna Kumar,Dr. G. G. Kadalli,Dr. K. Devaraju,Dr.H anumanthappa B. G	Certificate of Merit
5.		Dr. Savitha S.Manganavar	Establishment of Common Incubation Facility for processing of Coconut at Krishi Vigyan Kendra, Chandurayanahal li, Magadi, Ramanagar District	264.00	Ministry of Food Processin g Industrie s, New Delhi	Dr. Lata R Kulkarni,Dr. Dinesh M S,Dr. Preethu D. C Dr. Rajendra Prasad,Dr. Ranganath S. C	Certificate of Merit
6.		Dr. M. Papireddy	Establishment of Common Incubation Facility for processing of tomato and other fruits and vegetables at Krishi Vigyan Kendra, Kurubur Farm, Chintamani, Chikkaballapur Dist.	208.50	Ministry of Food Processin g Industrie s, New Delhi	Dr. B. Gayathri	Certificate of Merit
7.		Dr. N. B. Prakash	Evaluation of basic steel slag as a soil conditioner and nutrient source for rice and maize in different types of soils of Karnataka	204.01	Ministry of Food Processin g Industrie s, New Delhi	Dr. G. G. Kadalli	Certificate of Merit
8.		Dr. S. N. Vasudevan	Establishment of Common Incubation Facility for	159.00	Ministry of Food Processin g	Dr. K. M. Harinikumar Dr. K. V. Keshavaiah	Certificate of Merit

			processing Jaggery and jaggery based products at ZARS, VC Farm, Mandya		Industries, New Delhi		
9.		Dr. A. Mohan Rao	National Certification System for Tissue Culture Raised Plants (NCSTCP)	155.97	DBT, New Delhi	Smt. H. V. Prameela	Certificate of Merit +₹10,000 /- Cash
10.		Dr. Chandrakala Hanagi	Establishment of Common Incubation Facility for processing of turmeric at Krishi Vigyan Kendra, Haradananhalli, Chamarajanagar Dist.	143.30	Ministry of Food Processing Industries, New Delhi	Dr. Mohan Kumar A Dr. Yogesh G. S Dr. Sunil C.M Dr. Chandrashekar Kallimani Dr. BapuradaPompanagowda	Certificate of Merit
11.		Dr. N. Umashankar	Establishment of Advanced Center for Skill Development in Mushroom Production Technologies	128.00	RKVY	Dr. Usha Ravindra Dr. P. S. Benherlal Dr. T. S. Manjunatha Swamy	Certificate of Merit
12.		Dr. K. N. Geetha	Evaluation of impact of elevated CO_2 and temperature on crop and weed interaction, dynamics and herbicide bioefficacy	96.75	ICAR – CRIDA, Hyderabad	Dr. S. Kamala Bai	Certificate of Merit +₹5,000 /- Cash
13.		Dr. K. N. Geetha	Green synthesis of Boron, Zinc and Sulphur nano fertilizers to enhance the productivity and nutritional quality of Soybean and Tomato	9.96	M/s Smartchem Technologies Limited, Pune		Certificate of Merit
14.		Dr. Nataraja N. Karaba	Improvement of stress adaptive traits in crops using endophytes under different agroecology	73.45	ICAR – CRIDA, Hyderabad	Dr. A. S Padmaja	Certificate of Merit +₹5,000 /- Cash

15.		Dr. S. B. Yogananda	Response of Herbicides and crop rotation on paddy weed seed bank under Cauvery Command area	69.12	M/s Coromandel International Limited, Secunderabad		Certificate of Merit
16.		Dr. S. R. Anand	Nutritional and health empowerment through nutria-rich potential crops in selected districts of Southern Karnataka	42.50	RKVY		Certificate of Merit
17.		Dr. N. Umashankar	Development and demonstration of pilot scale continuous Multiphase - Multistage Bioreactor (CMMB) System for biofertilizers production using Maize cob as a nutrient source	33.69	SERB, New Delhi		Certificate of Merit +₹4,000 /- Cash
18.		Dr. G. Eswarappa	Pollination dynamics and fruit yield of dragon fruit (Hylocereus spp.) farmers participatory research approach	18.36	National Bee Board, New Delhi		Certificate of Merit +₹3,000 /- Cash
19.		Dr. G. Eswarappa	Floral and Faunal diversity assessment and integrating stingless bees into urban and peri-urban agriculture and urban forests	15.14	National Bee Board, New Delhi		Certificate of Merit +₹3,000 /- Cash
20.		Dr. A. Mohan Rao	Development of DUS testing guidelines for Chilli, paprika and bell pepper under protected condition	18.00	PPVFRA, New Delhi		Certificate of Merit +₹3,000 /- Cash
21.		Dr.Siddayya	Social Audit of	17.20	SCSP/TS		Certificate

			Schemes implemented under SCSP/TSP		P Cell, Social Welfare Departm ent, Bangalor e		of Merit
22.		Dr. Shwetha B. V.	Pollinator Biodiversity and Bee Floral Resource Optimisation in improving Seed Production in Onion (*Allumcepa* L.)	15.47	National Bee Board, New Delhi		Certificate of Merit +₹3,000 /- Cash
23.		Dr. Mohankumar A. B.	Demonstration of improved Turmeric variety IISR Pragathi and GAP in Chamarajanagar District	15.43	NABAR D, Bengalur u		Certificate of Merit
24.		Dr. Sunil. C. M.	Enhancing the productivity and livelihood security of paddy growing SC farmers of Chamarajanagar	7.00	ICAR – IIRR, Hyderab ad		Certificate of Merit
25.		Dr. Y. N. Shivalingaiah	Agri- startups and Entrepreneurship Development	6.56	ICAR, New Delhi		Certificate of Merit
26.		Dr. S. V. Suresha	Advances in Research Methods and its application in social sciences	3.49	ICAR, New Delhi		Certificate of Merit
1.	2023-24 (58thFoundation day)	Dr. A. Sathish Dr. Premanand BDashavant	Rejuvenating Watersheds for Agricultural Resilience through Innovative Development (REWARD)	2701.42	WDD, Govt. of Karnatak a	Dr. B. G. Vasanthi Dr. B. Mamatha Dr. G. S. Yogesh Dr. MallappajjeMa dulli Dr. P. Praveen Dr. M H. Manjunatha Dr. J. Venkategowda Dr. K. N. Srinivasappa	Certificate of Merit

2.		Dr. B. V. Shwetha	Establishment of HAL-UASB Honey Testing Laboratory & Holistic Entrepreneurial Skill Development Centre in Beekeeping	439.40	M/s. Hindustan Aeronautics Limited		Certificate of Merit
3.		Dr. M. S. Sheshshayee	Adaptive Rice Cultivation for a Changing Climate (Ad-RiCCE)	347.04	DST	Dr. S. V. Suresha Dr. K. B. Umesh Dr. H.V. Ramegowda Dr. M. N. Thimmegowda Dr. Veena S Anil Dr. P. S. Benherlal Dr. H. K. Pankaja Dr. C. A. Deepak Dr. B. S. Lalitha	Certificate of Merit +₹10,000 /- Cash
4.		Dr. H. B. Mahesh	Establishing Genomics-enabled Next-Generation Breeding Facility for Development of Climate Resilient Crop Varieties	119.00	RKVY	Dr. Marappa Dr. S.B. Yogananda	Certificate of Merit
5.		Dr. N. Umashankar	Establishment of Pilot Scale Demonstration Plant for Production of Microbial Inoculants Using Corn Cob as Carrier	99.68	NAHEP	Dr. P. S. Benherlal Dr. Siddayya Dr. Suvarna V Chavanavar	Certificate of Merit +₹5,000 /- Cash
6.		Dr. N. Umashankar	Studies on the efficacy of bioorganic product (effluent) obtained during the Processing of Marigold Flowers on crop production	13.24	M/s. Omni Active		Certificate of Merit
7.		Dr. Rinku	Development of	76.16	DST	Dr. G.	Certificate

		Verma	valuable products from stubble waste/agricultural straw by bio refinery approach and field trials			Gangadhara Eswar Rao	of Merit +₹5,000 /- Cash
8.		Dr. S. B. Yogananda	Role of bio stimulants in enhancing crop productivity	56.84	M/s UPL Ltd	Dr. P. Thimmegowda Dr. S. S. Prakash Dr. B.S. Sowmyalatha Dr. V.B. Sanath Kumar Dr. Ashoka K. R Dr. Chandrappa Dr. N. Kirankumar	Certificate of Merit
9.		Dr. S. B. Yogananda	Influence of microbial biostimulant "CleanRise" on growth, yield and quality of Sugarcane	6.49	M/s. String Bio Pvt. Ltd		Certificate of Merit
10.		Dr. Rudregowda Chillura	Development of solar based hybrid automation system for environment monitoring in silkworm rearing house to enhance cocoon quality and cocoon production	50.00	RKVY		Certificate of Merit
11.		Dr. Mudalagiriyappa	Studies on different granular fertilizers and bio stimulants on growth and yield of field crops	29.38	M/s. Sulphur Mills Ltd		Certificate of Merit
12.		Dr. Mudalagiriyappa	Herbicide tolerance studies in Sorghum	11.18	M/s. UPL Ltd		Certificate of Merit
13.		Dr. T. Onkarappa	Marker assisting stacking of yellow mosaic disease resistance, null	38.95	ICAR-NASF		Certificate of Merit +₹ 4,000 /- Cash

			Kunitz trypsin inhibitor, null lipoxygenase-2 genes, and broadening the genetic base of soybean				
14.		Dr. B. A. Anand	Design and development of Internet of Things (IoT) based solar powered agriculture equipments for small and marginal farmers	35.00	RKVY		Certificate of Merit
15.		Dr. Aarti Pannure	Systematics, Phylogeny and Biogeography of Bee Pollinators (Insecta: Hymenoptera: Apoidea) of South India with Special Reference to Western Ghats	26.29	DST-SERB		Certificate of Merit +₹ 4,000 /- Cash
16.		Dr. K.N. Srinivasappa	Study of seasonal variation on bioactive compounds of Panchavalkal-05 medicinal plants used in Ayurveda	18.88	Central Council For Research In Ayurvedic Sciences Ministry of Ayush, GoI		Certificate of Merit +₹3,000 /- Cash
17.		Dr. K. T. Vijayakumar	Holistic Management of strategies for Thai Sac Brood Virus of Honey bees in Karnataka	18.04	National Bee Board		Certificate of Merit +₹ 3,000 /- Cash
18.		Dr. T.E. Nagaraja	Development of guidelines to conduct DUS test in brown top millet (*Brachaeria ramose* L.)	18.00	PPV&FRA		Certificate of Merit
19.		Dr. R. Nandini	Development of guidelines to conduct DUS test in Bambara	18.00	PPV& FRA		Certificate of Merit

			Groundnut (*Vigna subterranea* (L.) Verdc				
20.		Dr. Kavita Kandpal	Generation of homogeneous hermaphrodite pointed gourd (Parwal)lines and their agronomic evaluation in field conditions	8.46	M/s. TIGS		Certificate of Merit
21.		Dr. Y. M. Somashekhar	Experiential Learning Programme on Mass Production of Bio-agents	65.00	ICAR		Certificate of Merit
22.		Dr. N. N. Asha	Experiential Learning Programme on Production Technology for Biofertilizers and Bioinoculants	58.50	ICAR		Certificate of Merit
23.		Dr. H. Manjunatha	Experiential Learning Programme on Biofertilizers and Bioinoculants	52.46	ICAR		Certificate of Merit
24.		Dr. N. Amarnath	Experiential Learning Programme on Commercial Chawki Rearing Centre	34.75	ICAR		Certificate of Merit
25.		Dr. T. M. Ningaraju	Entrepreneurship skill development training programme on Biodiesel production	9.92	MSME, New Delhi		Certificate of Merit
26.		Dr. Prabhu C.Ganiger	High-End Workshop (Karyashala)on capacity building in Dipteran Bio-Systematics: Taxonomic and ecological diversity conservation of Dipteran	5.00	DST-SERB		Certificate of Merit
1.	2024-25 (59thFoundation day)	Dr. C. Ramkumar	Establishment of Common Incubation	209.90	MoFPI, New Delhi		Certificate of Merit

			Facility for processing of Coconut and Ginger at College of Agriculture, Hassan				
2.		Dr. H. C. Lohithaswa	Development of Multi-parent advanced generation Intercross populations (MAGIC) combining resistance to major diseases in Maize	142.48	DBT, New Delhi		Certificate of Merit +₹ 10,000 /- Cash
3.		Dr. Mohan Kumar R.	Exploring Ecosystem Services for Environmental Sustainability	75.30	DBT, New Delhi		Certificate of Merit +₹ 5,000 /- Cash
4.		Dr. K. N. Srinivasappa	Demonstration of latest Horticulture Technologies	46.50	National Committee on Precision Agriculture & Horticulture (NCPAH) MoA&FW		Certificate of Merit +₹ 4,000 /- Cash
5.		Dr. K. Madhusudhan	Fostering Entrepreneurship in Sunflower Hybrid Seed Production Among Rural Youth	35.16	Honda Trading Corporation India Pvt. Ltd, Bengaluru		Certificate of Merit
6.		Dr. Eswarappa G.	Integration of melittophily in dragon fruit (Hylocereusspp: Cactaceae) ecosystem to enhance yield and quality of fruits in Karnataka	33.78	National Bee Board, New Delhi		Certificate of Merit +₹ 4,000 /- Cash
7.		Dr. M. N. Thimmegowda	Development of AI/ML techniques for assessment of crop growth and	30.00	ISRO, Bengaluru		Certificate of Merit + ₹4,000 /- Cash

			yield parameters using ground, UAV and HRS images				
8.		Dr. T. S. Sukanya	Systematic Study of Millets Fodder Quality	28.28	SERB, New Delhi		Certificate of Merit + ₹4,000 /- Cash
9.		Dr. P. Bhavani	Development of genomic resources in rarest millet brown-top millet (*Brachiariaramosa* L. Stapf.) for crop improvement	28.30	SERB, New Delhi		Certificate of Merit + ₹4,000 /- Cash
10.		Dr. N. B. Prakash	Effect of Nano fertilizer on growth, yield, nutrient uptake, soil health and economics of paddy and maize	21.50	M/s. IFFCO, Bengaluru		Certificate of Merit
11.		Dr. S. B. Yogananda	Performance evaluation of biofertilizers and biostimulants on growth and yield of major crops in Cauvery Command Area	14.00	M/s. INERA CropScience Pvt. Ltd, Haryana		Certificate of Merit
12.		Dr. S. B. Yogananda	Influence of bio-stimulants on growth and yield of selected crops	6.80	M/s IIL Biologicals Limited, Delhi		Certificate of Merit
13.		Dr. Siddayya	Impact Evaluation of SCSP-TSP schemes for Sericulture implemented by Social Welfare Department (SWD)	19.90	Social Welfare Department, Bengaluru		Certificate of Merit
14.		Dr. Suneetha C.	Phenotypic and Molecular Characterization of Superior Tamarind (*Tamarindusindica* L.) Accessions of Karnataka	17.00	Karnataka Biodiversity Board, Bengaluru		Certificate of Merit
15.		Dr.	Assessing growth	15.92	Karnatak		Certificate

		BhausahebTambat	performance of selected agroforestry tree species and developing yield table in different agro-climatic zones of Karnataka		a Forest Department, Bangalore		of Merit
16.		Dr. M. Manjunatha	Development of IoT based fully functional multitask bio processor facility for production of fermented designer batter from nutria cereals	15.00	Vision Group on Science and Technology (VGST), Bangalore		Certificate of Merit
17.		Dr. C. Seenappa	Effect of bio-stimulants on biotic stress management in sugarcane	14.92	M/s. Valagro BioScience Pvt. Ltd. Hyderabad		Certificate of Merit
18.		Dr. R. Suma	Case study on impact of Bagasse fly ash on crops near vicinity of Coromandel Sugar Limited, Mandya, Karnataka	14.89	M/s. Coromandel Sugars Limited, Mandya		Certificate of Merit
19.		Dr. Shrinivas Deshpande	Development of Standard Operating Procedure (SOP) and optimization of micronutrient dosage for selected crops through foliar application using Unmanned Aerial Vehicle (Drone)	10.00	Vision Group on Science and Technology (VGST), Bangalore		Certificate of Merit
20.		Dr. S. Chandrashekher	Enhancing Soil Health, Mulberry Leaf Quality and Cocoon Production through Application of Composted Poultry Manure	5.76	Karnataka Co-operative Poultry Federation Ltd. Bangalore		Certificate of Merit

21.		Dr. A. P. Mallikarjuna Gowda	Establishment of progeny orchard &Front-line demonstration of high yielding varieties and hybrids of cashew	5.60	Directorate of Cashewnut& Cocoa Development, Kochi		Certificate of Merit
22.		Dr. D. H. Roopashree	Livelihood security enhancement through improved rice productivity among SC farmers of Kolar district of Karnataka	5.00	ICAR - Indian Institute of Rice Research, Hyderabad		Certificate of Merit + ₹ 1,000 /- Cash
23.		Dr. K. S. Somashekar	Studies on efficacy of new generation herbicide molecules on phytotoxicity and selectivity of field crops	4.38	M/s Godrej Agrovet Ltd. Mumbai		Certificate of Merit
24.		Dr. Y. N. Shivalingaiah	Entrepreneurial Opportunities in Agribusiness	6.87	DST		Certificate of Merit
25.		Dr. Rajegowda	Organic Rajamudi Rice Cultivation, Farm mechanization, packaging and branding	5.57	NABARD		Certificate of Merit
26.		Dr. B.Boraiah	High-End Workshop on Capacity building in Novel Approaches and Techniques in Organic Farming to enhance Sustainability, Nutritional security and Climate change Mitigation	5.00	DST-SERB		Certificate of Merit
1.	2025-26 (60thFoundation day)	Dr.K.Madhusudhan	Sub-Mission of Seeds and Planting Materials	485.00	Dept. of Agriculture, Govt. of Karnataka	Dr. T.M.Ramanappa Dr. K.Vishwanath Dr. C. Manja Naik Dr. B.	Certificate of merit

						Basavaraj Dr. N. Nethra Dr. J. Lakshmi Mrs. SumalathaByadagi	
2.		Dr. Madhusuadhan,K.	Establishment of modern seed storage facility at ARS Nelamakanahalli	30.20	M/s. Sakata Seed India Pvt. Ltd.		Certificate of merit
3.		Dr. H. B. Mahesh	Exploring heritage/heirloom rice varieties: Unveiling their low glycemic index and medicinal properties for diabetes and obesity management	150.00	RKVY		Certificate of merit
4.		Dr. Rudregowda chillura	Establishment of renewable energy park and its demonstration as a Green energy initiative	144.00	RKVY	Dr. AratiPannure Dr. Suresha, K. B. Dr. P. Venkataravana	Certificate of merit
5.		Dr. C. N. Lakshminarayan Reddy	Establishment of High throughput testing laboratory for plant viruses, Phytoplasma and viroids	130.00	RKVY	Dr. N. Nagaraju Dr. C. R. Jahir Bhasha	Certificate of merit
6.		Dr. C. N. Lakshminarayan Reddy	Understanding the mechanisms of bio-stimulants in relieving viral diseases of papaya	5.45	M/s. Greenlife Croptech Pvt. Ltd,		Certificate of merit
7.		Dr. M. S. Sheshshayee	Combining constitutive and acquired tolerance traits for water productive rice: An AI/ML model based precision breeding	123.75	DST - ANRF, Govt. of India	Dr. H.V.Ramegowda	Certificate of merit + ₹10,000/- Cash
8.		Dr. K.S.Somashekar	Studies on characterization and nutrient dynamics of new	98.40	M/s. Hindustan Petroleu	Dr. M. H. Manjunatha, Dr. S. Kamala Bai,	Certificate of merit

			fertilizers product in agricultural crops and its impact on crop, soil and environment		m Corporation Limited.	Dr.R. Krishna Murthy, Dr. K. Tamil Vendan, Dr. C. P. Manjula	
9.		Dr. S. Kamala bai	Management of – Itch grass (Rottboelliacochinchinensis) in Maize growing districts of Karnataka on farmer's field	80.00	RKVY	Dr. K.N. Geetha Dr. Sanjay M.T. Dr. G.M. Sujith Dr. Amrutha.T.G Dr. O. Kumar Mr. Mallikarjun, B.O	Certificate of merit
10.		Dr. Geetha Govind	CRISPR-mediated genome editing in potato for earliness in tuberization, stress resilience and enhanced tuber yield	87.68	Department of Biotechnology	Dr. B.T.Krishnaprasad	Certificate of merit +₹5,000/- Cash
11.		Dr. S. B.Yogananda	Weed management in paddy through herbicide mixtures and its effects on soil micro flora on succeeding crop	31.88	M/s Insecticides India Ltd, Delhi		Certificate of merit
12.		Dr. S. B.Yogananda	Studies on Persistence of Discovery Coded Molecule in Crops	24.50	M/s. Eurofins Advinus Agrosciences Services India Pvt. Ltd., Bengaluru		Certificate of merit
13.		Dr. S. B.Yogananda	Response of Sea6 bioformulations on nutrient use efficiency and yield of paddy	21.24	M/s Sea6 Energy Pvt. Ltd., Bengaluru		Certificate of merit
14.		Dr. S. B.Yogananda	Response of amino acid based biostimulant on growth, yield and quality of paddy and chilli	8.25	M/s. NACL Industries Limited, Hyderabad		Certificate of merit

15.		Dr. BhausahebTambat	Biodiversity Enrichment in GKVK campus through Afforestation	22.50	HDFC Bank Ltd, Mumbai		Certificate of merit
16.		Dr. Rinku Verma	Utilization of agricultural biomass wastes for production of Biochar enhancing organic carbon in soil and sequestering carbon at GKVK	20.00	M/s. Honda Trading Corporation India Pvt. Ltd.		Certificate of merit
17.		Dr. B. S. Chethana	Green synthesis of silica nanoparticles:Characterization and application in disease management of rice and tomato	20.00	Vision Group on Science and Technology (VGST)		Certificate of merit
18.		Dr. Savitha, H.R.	Pradhan Mantri Krishi Sinchayi Yojana-Watershed Development Component– 2.0	17.25	Watershed Development Department Govt. of Karnataka		Certificate of merit
19.		Dr. M. H. Manjunatha	Validation of bio-stimulants for productivity and quality of major crops	16.00	Karnataka State Department of Agriculture Govt. of Karnataka		Certificate of merit
20.		Dr. B. Boraiah	Studies on the influence of sabic new fertilizers for enhancing crop productivity and soil health	16.00	M/s SABIC Research and Technology Pvt. Ltd.,		Certificate of merit
21.		Dr. Mahin Sharif	Cluster Development Project	14.38	M/s. Core Carbon X Solutions Pvt. Ltd., Hyderab		Certificate of merit

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22.		Dr. S. R. Anand	Documentation of wild fruit species of Eastern Dry Zones of Karnataka	14.30	Karnataka Biodiversity Board		Certificate of merit + ₹3,000/- Cash
23.		Dr. M. R. Anand	Studies on effect of Super Nano Urea (SNU) and sulphur on crop growth, photosynthetic efficiency, yield response and quality in selected pulses	12.89	M/s. IFFCO, Bengaluru		Certificate of merit
24.		Dr. L. Vijay Kumar	Studies on bio-efficacy of selected novel insecticides and their combinations against major insect pests of tomato (*Solanum lycopersicum*)	12.46	M/s. JU Agri. Sciences Private Limited, Noida		Certificate of merit
25.		Dr. K. Devaraj	Standardization of mesh size in rain water harvesting filters opting for domestic utilization of harvested rain water	9.46	Bangalore Water Supply and Sewerage Board		Certificate of merit
26.		Dr. Sunil, C. M.	Long term effect of Green manuring on Rainfed Finger Millet crop growth and yield and its soil properties	7.50	ATMA, Department of Agriculture, Mandya		Certificate of merit
27.		Dr. Shreenivasa,K.R.	Popularization of high yielding fodder crops among dairy farmers of Tumkur district to enhance fodder and milk yield	5.56	NABARD		Certificate of merit + ₹.2,000/- Cash
28.		Dr.Atheekur Rehman	Studies on effect of Super Nano Urea and Sulphur on crop growth,	5.40	M/s.IFFCO State Office, Bangalor		Certificate of merit

			photosynthetic efficiency, yield response and quality in pigeonpea		e		
29.		Dr.Ramegowda, H.V.	Uncovering climate resilient rice cultivars: Tolerance to drought, heat and bacterial blight	4.98	Department of Foreign Affairs and Trade, Australian Government		Certificate of merit
30.		Dr. T.C.Yogesh	Performance evaluation of biofertilizers and biostimulants on growth and yield of coconut	4.15	M/s. INERA Crop science Pvt. Ltd, Haryana		Certificate of merit
31.		Dr. K. S. Somasheker	Adoption of climate smart integrated crop systems to improve the livelihood of ST population through field demonstrations, input supply and improved technology dissemination to mitigate the effect of climate change.	20.00	ICAR-TSP,New Delhi		Certificate of merit
32.		Dr. C. P. Manjula	Ensuring safe use of pesticide for healthy livelihood of the tribal farmers during crop protection operations	15.00	ICAR-TSP,New Delhi		Certificate of merit
33.		Dr. H. K. Pankaja	Agristartups and Agribusiness opportunities for women entrepreneurs	7.90	DST, New Delhi		Certificate of merit

Incentives through Revolving Fund Activities

The University promotes entrepreneurial research through a revolving fund mechanism by providing seed money for income-generating activities such as nurseries, vermicomposting, dairy units, and seed production.

- Seed money repayable within 3 years
- Annual profit sharing:
    - 50% remitted to University
    - 50% retained by Scientist

Incentives:

- ₹2–5 lakh → ₹2,000 + Certificate
- ₹5–10 lakh → ₹4,000 + Certificate
- ₹10 lakh → ₹5,000 + Certificate

List of Awardees of the Revolving fund projects during the assessment period

Sl. No.	Year/Foundation day	Principal investigator	Title of the project	Net Profit earned (₹. In Lakhs)	Co-Principal investigator	Incentive
1	2021-22 (56th Foundation day)	Dr.Savitha S.manganavar	KVK farm RF	2.19	Dr.Dinesh N Dr.Rajendraprasad B S Sri. Ranganath Smt. Preethu D S Dr. Latha R Kulkarni	Certificate of merit + Rs.2,000/-
2		Dr. Boraih B.	Maintenance of Animals	2.22	-	Certificate of merit+ Rs.2,000/-
			Vermicompost	3.97	-	Certificate of merit+ Rs.2,000/-
3		Dr. Channakeshva S.	Bio fertilizer	2.44	-	Certificate of merit+ Rs.2,000/-
5		Dr. K.V. Keshvaiah	Jaggery park	2.89	-	Certificate of merit+ Rs.2,000/-
6		Dr. P.Venkateshamurthy	Tissue culture	2.97	-	Certificate of merit+ Rs.2,000/-
7		Dr.D.V. Naveen	Soil and water testing lab	3.26	Dr. Nalini C.N.	Certificate of merit+ Rs.2,000/-
8		Dr.P. Thimmegowda	Maintenance of Animals	3.33	Dr. N. Shivakumar Dr. S.N. Swami goda Dr.P. Mahadevu Dr.C.A. Deepak	Certificate of merit+ Rs.2,000/-
9		Dr. M. Papireddy	KVK Farm RF	4.50	Dr. B. Gayathri Sri. Vishawanath Arun G. R	Certificate of merit+ Rs.2,000/-
10		Dr.Rajegowda	KVK Farm RF	5.16	-	Certificate of merit+ Rs.4,000/-
11		Dr. K.S.Jagadish	Honey bee	5.24	-	Certificate of merit+ Rs.4,000/-
12		Dr.P. Thimmegowda	Vermicompost	5.95	-	Certificate of merit+ Rs.4,000/-
13		Dr.V. Venkatachalapathi	Nursery	6.43	-	Certificate of merit+ Rs.4,000/-
14		Dr. Chandrakala Hanagi	KVK Farm RF	7.78	Dr. BapuradaPonpangowda	Certificate of merit+

					Dr. Chandrashekar kallimani Dr.Yogesh G.S Dr. Mohan kumar A.B Dr.SunilC.N	Rs.4,000/-
15		Dr.K.N. Srinivasappa	Medicinal & aromatic	8.66	Dr.B. Boraih	Certificate of merit+ Rs.4,000/-
16		Dr. L. Krishna Naik	Bio Fertilizer RF	11.99	Dr. Boraih	Certificate of merit + Rs.5,000/-
17		Dr. T.M. Ramanappa	Breeder seed	23.19	Dr. Siddaraju R Dr. Vishwanath K Dr.Dr. C.K. Prameela Dr. M.S. Nagaraj Dr.M. Thimmarayappa Dr. T.S. Yogesh Dr. G.S. Krishna reedy Dr. P.R. Somashekarappa Dr. V. Venkatachalapathi Dr. P. Prakash Dr. B. Boraih Dr. P. Thimmegowda Dr. Syadhmazarali	Certificate of merit + Rs.5,000/-
18			Mega seed project	20.65	Dr. Siddaraju R Dr.A.B. Narayanareddy Dr. Vishwanath K Dr. C.K. prameela Dr. M.S. NAgaraja Dr. M. Thimmarayappa Dr. T.S Yogesh Dr. G.S. krishna Reddy Dr. P.R. Somashekarappa Dr. P. Venkatachalapathi Dr. P. Prakash Dr. B. Boraiah Dr. P. Thimmegowda Dr. Syadhmazarali	Certificate of merit + Rs.5,000/-
19			Pulse seed Hub	19.47	-	Certificate of merit + Rs.5,000/-
1	2022-23 (57th Foundation day)	Dr. A.P. Mallikarjunagowda	Vermi compost	2.27	-	Certificate of merit + Rs.2,000/-
2		Dr. Mohan Ishwar Naik	Honey bee	2.57	-	Certificate of merit + Rs.2,000/-
3		Dr. P. Thimmegowda	Nursery RF	2.58	-	Certificate of merit + Rs.2,000/-
4		Dr. V.P. Bahrathi	KVk Farm Rf	2.67	-	Certificate of merit + Rs.2,000/-

5		Dr. V. Venkatachalapathi	Animals	4.29	-	Certificate of merit + Rs.2,000/-
6		Dr. P. Venkateshamurthy	Tissue Culture	4.30	-	Certificate of merit + Rs.2,000/-
7		Dr.Papireddy	KVK Farm Rf	5.57	Dr. Jadhav Balaji amuruthrao	Certificate of merit + Rs.4,000/-
8		Dr.Rajegowda	KVK Farm RF	5.82	Dr. S. Sakamma ,Dr. B.R. Arun kumar	Certificate of merit + Rs.4,000/-
9		Dr. Latha R kulkarni	KVK Farm RF	6.72	Smt. Umarani,Dr. MS. Dinesh,Dr. B.S. Rajendra prasad,,Dr. Preethu	Certificate of merit + Rs.4,000/-
10		Dr.K.N. Srinivasappa	Medicinal & ornamental plants	8.65	Dr. A.P. Mallikarjunagowda	Certificate of merit + Rs.4,000/-
11		Dr. D.V. Naveen	Revolving fund on Soil & water testing	9.49	Dr. Nalina	Certificate of merit + Rs.4,000/-
12		Dr. Madhusudhan K	Breeder seed	9.50	Dr. T.M. Ramanappa,,Vishwanath K,Dr. C.K. Prameela,Smt.Sumalath abyadagi	Certificate of merit + Rs.4,000/-
13		Dr. L. Krishna Naik	Bio Fertilizer RF	10.07	-	Certificate of merit + Rs.5,000/-
14		Dr. M. Papireddy	KVK farm RF	10.64	Sri. Vishwanath,Dr. K. Sandya,Dr. G.R. Aruna	Certificate of merit + Rs.5,000/-
15		Dr. Madhusudhan K	Pluse seed Hub	20.34	Dr. T.M. Ramanappa,Dr. C.K. Prameela	Certificate of merit + Rs.5,000/-
			Mega seed project	6.40	Dr. T.M. Ramanappa,Dr. Vishwanatha K,Dr B. Basavaraju,Dr Narayanareddy,Dr. C.K. Prameela,Dr. J. Lakshmi,Smt.B.L. Jyothi	Certificate of merit + Rs.5,000/-
1	2023-24 (58th Foundation day)	Dr.A.P.Mallikarjunagowda	Maintenance of animals	2.27	-	Certificate of merit + Rs.2,000/-
2		Dr. P. Venkateshamurthy	Revolving Fund on Plant Tissue Culture Laboratory	2.51	-	Certificate of merit + Rs.2,000/-
3		Dr. M.H. Shankar	Bio Fertilizer	2.79	Dr. A.C. Girish	Certificate of merit + Rs.2,000/-
4		Dr. V. Govinadagowda	KVK Farm RF	3.10	Dr. Tashmiakousar	Certificate of merit +

						Rs.2,000/-
5		Dr. N.T. Naresh	KVK Farm RF Mandya	3.39	Dr. Kamala bai Kodagi, DrAthiphamunvari,,Dr. S. Pavithra,Dr. B. Divya,,Dr. Rekha badalingappanavar,Smt. Apoorva,Dr. H.M Mahesh	Certificate of merit + Rs.2,000/-
6		Dr, P. Venkatachalapathi	Nursary RF	3.87	-	Certificate of merit + Rs.2,000/-
7		Dr. M. Papireddy	KVK Farm RF	6.77	Dr. Jadhav Balaji amuruthrao	Certificate of merit + Rs.4,000/-
8		Dr. K. Madhusudhan	Pulse Hub RF	7.35	Dr. T.M. Ramanappa	Certificate of merit + Rs.4,000/-
9		Dr. Latha R kulkarni	KVK Farm RF	8.29	Smt. Umarani,,Dr. M.N. Dinesh,Dr. B.S. Rajendra prasad,Smt.Preethu, Dr.Deepapojara	Certificate of merit + Rs.4,000/-
10		Dr.Rajegowda	KVK Farm RF	8.51	Dr.S. Sakamma,Dr. B.R. Arunakumar	Certificate of merit + Rs.4,000/-
11		Dr. Savitha S manganavar	Baking technology	11.70	Dr.AshwiniA,Dr.Prakur uthi N Rajgangatakar	Certificate of merit + Rs.5,000/-
12		Dr. M. Papireddy	KVK Farm RF	14.48	Dr. K. Sandya,Dr. R. Praveen kumar,Dr. G.R. Aruna	Certificate of merit + Rs.5,000/-
13		Dr. K. Madhusudhan	Mega seed project	16.22	Dr. K. Vishwanatha,Smt.Sumal athabyadigi	Certificate of merit + Rs.5,000/-
14		Dr. R.N. Lakshmipathi	Bio Fertilizer RF	43.72	-	Certificate of merit + Rs.5,000/-
1	2024-25 (59th Foundat ion day)	Dr. V. Venkatachalapathi	Revolving Fund on Nursery	3.87	-	Certificate of merit + Rs.2,000/-
			Maintenance of animals	3.41	-	Certificate of merit + Rs.2,000/-
2		Dr.P. Venkateshamurthy	Revolving Fund on Plant Tissue Culture Laboratory	5.75	-	Certificate of merit + Rs.4,000/-
3		Dr. A.P.Mallikarjunagowda	Animals	4.14	-	Certificate of merit + Rs.2,000/-
4			Nursery	2.50	-	Certificate of merit + Rs.2,000/-
5		Dr.Swamygowda	General RF	4.12	-	Certificate of merit +

						Rs.2,000/-
6		Dr. K.S. Jagadish	Honey bee	4.69	-	Certificate of merit + Rs.2,000/-
7		Dr.P. Thimmegowda	Maintenance of animals	5.16	Dr. S.N. Vasudevan	Certificate of merit + Rs.4,000/-
8		Dr. Savitha S Manganavar	KVK Farm RF	4.41	Dr. Dinesh M.S Sri. Ranganatha Smt. Preethu Dr. Rajendra prasad	Certificate of merit + Rs.2,000/-
9		Dr.Naveen D V	Revolving fund on Soil & water testing	4.27	Dr.Nalina	Certificate of merit + Rs.2,000/-
10		Dr. T.S. Yogesh	General RF	3.36	-	Certificate of merit + Rs.2,000/-
11		Dr.Hanumanatharaya	KVK Farm RF	4.37	-	Certificate of merit + Rs.2,000/-
12		Dr. P. Thimmegowda	Vermi compost	8.6687,112	Dr. S.N. Vasudevan Dr. C.A. Deepak Dr.N. Shivakumar Dr. S.N.Swamigowda	Certificate of merit + Rs.4,000/-
13		Dr. K.N. Srinivasappa	Medicinal& ornamental RF	8.66	Dr. B. Boraiah	Certificate of merit + Rs.5,000/-
14		Dr. Boraiah	Animals	5.27	-	Certificate of merit + Rs.4,000/-
15			Nursery	5.17	-	Certificate of merit + Rs.4,000/-
16		Dr. S.V. Suresha	Baking Technology	6.18	Dr Mamatha H S Smt Ashwini A	Certificate of merit + Rs.4,000/-
17		Dr.Eranna	Bio Fertilizer RF	8.12	Dr.Boriah	Certificate of merit + Rs.5,000/-
18		Dr.H. S. Shivaramu	Seemrouba nursery	12.54	-	Certificate of merit + Rs.5,000/-
19		Dr. M. Papireddy	General RF	17.64	Dr. Aruna Dr.Sandya K Dr. Praveen kumar	Certificate of merit + Rs.5,000/-
						Certificate of merit + Rs.5,000/-
						Certificate of merit + Rs.5,000/-

20		Dr.Madhusudhan K	Mega seed	16.25	Dr.T.M.Ramanappa Dr. Siddaraju Dr.Vishwanath Dr.C.K. Prameela Dr. siddaraju Dr. Manja naik C Dr. Vishwanath K Dr. C.K. Prameela Dr. Netra Smt. Lakshmi Dr. Jyothi Smt. Sumalayhabydagi	Certificate of merit + Rs.5,000/-
1	2025-26 (60th Foundation day)	Dr.A.P.Mallikarjuna Gowda	Revolving fund on Livestock maintenance	7.42	-	Certificate of merit + Rs.4,000/-
			Revolving fund on Vermicompost Production	5.94	-	Certificate of merit + Rs.4,000/-
			Revolving fund on Nursery	2.50	-	Certificate of merit + Rs.2,000/-
2		Dr.P.Venkateshamurthy	Tissue culture	5,75,690	-	Certificate of merit + Rs.4,000/-
3		Dr. K.N. Srinivasappa	Revolving Fund on Medicinal and aromatic plants	3.02	Dr. A.P. Mallikarjunagowda	Certificate of merit + Rs.2,000/-
4		Dr. D.C. Hanumanthappa	Revolving fund on Animal Husbandry, Vermicompost, Production and Nursery at IFS Demo unit	2.18	-	Certificate of merit + Rs.2,000/-
5		Dr. M. Mahesh	Revolving fund on Bio fungicide Production	2.74	-	Certificate of merit + Rs.2,000/-
6		Dr. M. Mahadeva Murthy	Revolving fund on Forest tree species nursery	2.45	-	Certificate of merit + Rs.2,000/-
7		Dr. D.V. Naveen	Revolving fund on Soil & water testing	5.88	Dr.NaliniC.N	Certificate of merit + Rs.4,000/-
8		Dr. V. Govinda Gowda	KVK Revolving Fund	2.16	Tashmiyakour	Certificate of merit + Rs.2,000/-
9		Dr. M. Papireddy	KVK Revolving	3.03	Mrs. G.R. Aruna,Dr. K. Sandhya,Dr. Praveen	Certificate of merit

			Fund		Kumar	+Rs.2,000/-
10		Dr. Rajegowda	KVK Revolving fund	29.55	Dr. S. Sakamma Dr. B.R. Arun Kumar Dr. N. Pallavi	Certificate of merit + Rs.5,000/-
11		Dr. R.N. Lakshmipathi	Revolving fund on production of Bio fertilizers	23.49	-	Certificate of merit + Rs.5,000/-
12		Dr. N. Umashankar	Revolving fund on UASB Next generation Bio fertilizer unit	14.49	-	Certificate of merit + Rs.5,000/-
13		Dr. V. Venkatachalapathi	Revolving fund on Fruit crops Nursery	2.60	-	Certificate of merit + Rs.2,000/-
14			Revolving fund on Livestock maintenance	4.10	-	Certificate of merit + Rs.2,000/-
15		Dr. P. Thimmegowda	Revolving Fund on Vermicompost Production	3.98	-	Certificate of merit + Rs.2,000/-
16		Dr. K.Madhusudhan	Mega seed project	39.72	Dr. T.M. Ramanappa,,Dr. K. Vishwanath,Dr. C. Manja Naik,Dr. B. Basavaraja,Dr. A.B. Narayana Reddy,Dr. K.R. Shreenivasa,Dr. G.S. Krishna Reddy,Dr. B.G. Hanumantharaya,Dr. N. Nethra,Dr. J. Lakshmi	Certificate of merit + Rs.5,000/-
17			Revolving fund on Pulse seed Hub	26.39	Dr. K. Vishwanath,Dr. B. Basavaraja,Mrs. Sumalatha Byadagi	Certificate of merit + Rs.5,000/-

Incentives for Seed Production Activities

The University recognizes the faculty in the who are involved in seed production activity by providing the incentives and certificate of merit as follows

- ₹1–2 lakh → Certificate of Merit
- ₹2–5 lakh → ₹3,000 + Certificate
- ₹5 lakh → ₹5,000 + Certificate

List of Awardees of the Seed production activity during the assessment period

Sl. No.	Year/Foundation day	Principal investigator	Co-Principal Investigator	Seed production activity	Net Profit earned (₹. In Lakhs)	Incentive
1	2021-22(56th Foundation day)	Dr. P.R. Somashekarappa	-	Seed Production (Soybean, Ragi &Horsegram)	2.17	Certificate of Merit and Cash Incentive of Rs.3,000/-
2		Dr. S. B. Yogananda	-	Seed Production (Paddy)	4.09	Certificate of Merit and Cash Incentive of Rs.3,000/-
1	2022-23(57th Foundation day)	Dr. P.R. Somashekarappa	-	Seed production	2.35	Certificate of Merit and Cash Incentive of Rs.3,000/-
2		Dr. Savitha S. Mangavanavara	Dr. M.S. Dinesh Sr. Ranganatha S.C	Seed Production (Ragi, Cowpea, Horsegram, Foxtail millet, Prosomillet& Fodder Maize)	1.16	Certificate of Merit only
3		Dr. A.P. Mallikarjuna Gowda	-	Seed production (Soybean, Ragi and Cowpea)	1.11	Certificate of Merit only
1	2023-24(58th Foundation day)	Dr. K.R. Shreenivasa	-	Seed Production (Soybean, fodder cowpea redgram, Ragi, Horse gram, Blackgram and field bean)	1.23	Certificate of Merit only
2		Dr. N.O. Naresh	-	Seed Production (Paddy & Ragi)	1.33	Certificate of Merit only
3		Dr. P.R. Somashekarappa		Seed Production (Soybean, Ragi &Fodder Maize)	1.67	Certificate of Merit only
1	2024-25(59th Foundation day)	Dr. K.R. Shreenivasa	-	Seed Production (Soybean, Ragi, Redgram&Horsegram)	3.13	Certificate of Merit and Cash Incentive of Rs.3,000/-
2		Dr. P.R. Somashekarappa	-	Seed Production (Soybean, Ragi &Horsegram)	2.73	Certificate of Merit and Cash Incentive of Rs.3,000/-
3		Dr. Lata R Kulakarni	Smt. K. Uma Rani, Dr. Dinesh M.S.	Seed Production (Ragi, Horsegram, Sesamum Fieldbean& Cowpea	1.67	Certificate of Merit only

			Dr. Rajendra Prasad B.S.Dr. Deepa Poojara			
1	2025-26(60th Foundation day)	Dr. K.R. Shreenivasa	-	Seed Production of soybean, fodder maize, fodder cowpea redgrram, Ragi, Horse gram and field bean	3.51	Certificate of Merit and Cash Incentive of Rs.3,000/-
2		Dr. P. Thimmegowda	-	Breeder seed production	3.12	Certificate of Merit and Cash Incentive of Rs.3,000/-
3			-	Seed Production of Redgram, Maize, Groundnut, Ragi, Horsegram, little millet, foxtail millet Kodo millet, Proso millet, fodder maize.	2.38	Certificate of Merit and Cash Incentive of Rs.3,000/-

Best Farm Superintendent Award

The University recognizes outstanding contributions of Farm Superintendents through this award. The eligibility criteria are as follows:

1. Experience Requirement: The applicant must have served continuously for a minimum period of three (3) years as a Farm Superintendent, Senior Farm Superintendent, or as an in-charge of a University Farm/Research Station.
2. Eligibility: The award is exclusively open to Farm Superintendents working under the University of Agricultural Sciences, Bangalore (UAS-B).

List of Awardees of the Best Farm Superintendent during the assessment period

Sl. No.	Year/Foundation day	Name	ARS	Incentive
1	2021-22(56th Foundation day)	Dr. P. Thimmegowda	ZARS, V.C. Farm, Mandya	Certificate & Cash Incentive of Rs.5,000/-
2	2022-23(57th Foundation day)	Dr. M. S. Nagaraja	ARS, Gunjevu	Certificate & Cash Incentive of Rs.5,000/-
3	2023-24(58th Foundation day)	Not awarded		
4	2024-25(59th Foundation day)	Not awarded		
5	2025-26(60th Foundation day)	Dr.K.R.Shreenivasa	ARS, Kunigal	Certificate of Merit +Cash ₹5000

Financial Assistance for Research Publications

The University is providing its faculty members with financial assistance for publishing research papers in high NAAS rated journals, which further improves academic visibility, foster the quality of research and allows the dissemination of novel and evidence-based research outcomes. During the assessment period, the university has provided financial assistance for the following research articles which are published in high impact journals.

Financial Assistance to faculty members by UAS, Bangalore for research papers published in high NAAS rated journals during the assessment period

Sl. No.	Title of the research paper and Name of Journal	Authors	Publishers	NAAS rating/ Impact Factor	Sanction of Financial Assistance
1.	Computational analysis of affinity dynamics between the variants of SARS-CoV-2 spike protein (RBD) and human ACE-2 receptorin***Virology Journal***	Nishad Sultana, **S.N.Nagesha, C.N.Lakshminarayana Reddy, B.N. Ramesh, S.Shyamalamma, K.S. Shashidara,** K.M. Satish, C. Pradeep and D.Vidyadhar	BioMed Central(part of Springer Nature)	NAAS-10.80 IF- 4.90	Rs.1,00,000/-
2.	Comparative regulatory network of transcripts behind radicle emergence and seedling stage of maize (*Zea mays* L.) in ***Heliyon***	Roopashree Byregowda, **Nethra Nagarajappa, C. and Siddegowda Rajendra Prasad**	ELSEVIER	NAAS-10.00 IF- 4.00	Rs.1,25,000/-
3.	Exploring the diversity of virulence genes in the *Magnaporthe* population infecting millets and rice in India in ***Frontiers in Plant Sciences***	**K.B.Palanna,** H.D. Vinay, Koti, S. Prasanna, Hosahatti Rajashekara, Basavantraya, N. Devanna, Anilkumar,C., B.Jeevan, **H.R.Raveendra**, Farooq Khan C.H. Sai Bhavana, Vinod Upadhyay, TSSK Patro, Laxmi Rawat, Rajesh Manickam, P.T. Saravanan, Prahlad Netam, G,Rajesha, I.K.Das, H.E.Patil, A.K.Jain, S.Saralamma, Chandra Nayak, Ganesan Prakash and **Nagaraja,T.E**.	Frontiers Media SA	NAAS-12.68 IF- 4.10	Rs.1,00,000/-
4.	Optimizing nutrient management for Kodo millet(*Paspalum scrobiculatum* L) in the Alfisols of Southern India through modelling Soil, Plant and Fertilizer Interractions' in ***Scientific Reports***	**Krishna Murthy Rangaiah,**Ramachandrappa, Bhavya Nagaraju, Govinda Karthappa, Mahesh, Basavaraja Pujari Kodappa, Uday Kumar, Sugaturu Narayanaswamy, Mohammed Saqeebulla Hussain Sab, GangamruthaGodekere Veerabhadriah, Sanjay Srivastava and Pradip Dey	Springer Nature group	NAAS-10.60 IF- 3.8	Rs.1,25,000/-
5.	Impact of mineral nutrition and bio priming on crop performance, energetics and the carbon footprint in rain fed	**Mohan Kumar Revappa,YamanuraMadival**, Mahantesh Basangouda, Nagangoudar, **Nagesha Narayanappa,** Ranganath,	Elsevier	NAAS-14.00 IF- 8.1	Rs.90,376/-

	castor in ***Energy Nexus***	Gopalaswamy and Ranganath Sugganahalli Channappa			
6.	Assessment of the potential for genomic selection to improve resistance to fusarium stalk rot in maize in ***Frontiers in Plant Sciences***	**Lohithaswa Hirenallur Chandappa**, Showkath Babu B M, Sowmya M S, Santhosh Kumari Banakar, Mallikarjuna N, **Jadesha Ganiga,** Mallikarjuna M G, Balasundara D C and Anand Pandravada	FRONTIERS MEDIA SA	NAAS-10.10 IF- 4.80	Rs.1,00,000/-
7.	Effect of optimized nitrogen management through conventional and nano fertilizers on nutrient dynamics and finger millet yield in ***Frontiers in Nano technology***	M.A. Sneha, **Mudalagiriyappa,Vasanthi B.G.,**K.A.Gopinath, **H.S. Latha**, **K. Devaraja,**V.Visha Kumari, D.H. Roopashree, Tarunendu Singh, M.R. Krupashankar and Vinod Kumar Singh	FRONTIERS MEDIA SA	NAAS-10.10 IF-4.10	Rs.75.000/-
8.	Visualizing Nutrient Synergies: STCR approach towards NPK balancing and yield targeting in barnyard millet in ***BMC Plant Biology***	**Krishna Murthy Rangaiah**, Govinda Kasturappa, Bhavya Nagaraju, ShivakumaraMaragondanadibba Nanjundappa, Uday Kumar, Sugaturu Narayanaswamy, Sanjay Srivastava, Immanuel Chongboi Haokip and Pradip Dey	BioMed central(BMC)	NAAS-10.80 IF-5.4	Rs.50.000/-
9.	Genome and Transcriptome Analyses reveal MlecularMechanisma Underling the Interaction between Plasmoparaviticola and Grapevine in ***Frontiers in Plant Sciences***	R.Karan, **M.K. Prasanna Kumar,** B.M.J. Harish, B. Roopashree, Gopal Venkateshbabu, Swati, S. Patil, S.Shreedevasena, Pramesh Devanna	FRONTIERS MEDIA SA	NAAS-10.8 IF-4.8	Rs.1,25.000/-
10.	Pan-genome and Antibiptic resistance insights into Xanthomonas citri Pv. Punicae pathotypes in ***BMC Microbiology***	Rathna.V., Aditya Kukreti, **M.K. Prasanna kumar**Manjunatha,C., Kiran,R., **Swathi S.Patil,** Gopal Venkatesh Babu, Pramesh Devanna, Harish,J, Sahana,N.Banakar, Aditya Narayan Sarangi, Keerthi,V. Shubham Rymbal, **H.B. Mahesh,**Raju,Y.Soolanayakanahally and Sateesh Kagale	Springer Nature group	NAAS-10.2 IF-4.2	Rs.50.000/-

Abstract of awards and recognitions received by the University Faculty(2021-22 to 2025-26)

Year	International	National	State	University	Others	Total
2021-22	8	29	10	10	6	**63**
2022-23	15	17	7	17	12	**68**
2023-24	10	38	19	27	1	**95**
2024-25	8	38	10	24	2	**82**
2025-26	7	29	16	19	1	**72**
Total	**48**	**151**	**62**	**97**	**22**	**380**

Awards received by the faculty / scientists / extension personnel during reporting period

Sl No.	Name of the faculty	Year of award	Status of award	Name of the award and awarding agency
1.	Dr. Anilkumar T. Dandekar	2021	International	Best poster award-2nd Place for the poster "Effect of irrigation management on soil properties, growth and yield of sugarcane in waterlogged saline vertisols under Tungabhadra project command area. Presented during "Global Symposium on salt affected soils-GSAS-21." held virtually from 20 to 22 October 2021, FAO-Rome Italy.
2.	Dr. M. B. Darshan	2021	International	Scientist of the Year award, by Society for scientific development in agriculture & technology, Meerut (U.P) on 21.07.2021 at International Web Conference on Innovative and Current Advances in Agriculture & Allied Sciences
3.	Dr. D. Shobha	2021	International	Best oral presentation awarded during the International conference on harnessing the potential finger millet for achieving food and nutritional security: Challenges and prospects (ICFM-22) from 19 to 22, January,2022 at Zonal Agricultural Research Station, Mandya, UASB organised by UAS, Bangalore in collaboration with ICAR-Indian institute of millet research, Hyderabad and international crops research institute for the semi-arid tropics, Hyderabad
4.	Dr. C. Nandini	2021	International	Best oral presentation awarded during the International conference on harnessing the potential finger millet for achieving food and nutritional security: Challenges and prospects (ICFM-22) from 19 to 22, January,2022 at Zonal Agricultural Research Station, Mandya, UASB organised by UAS, Bangalore in collaboration with ICAR-Indian institute of millet research, Hyderabad and

Sl No.	Name of the faculty	Year of award	Status of award	Name of the award and awarding agency
				international crops research institute for the semi-arid tropics, Hyderabad
5.	Dr. Prabu. C. Ganiger	2021	International	Best poster presentation awarded during the International conference on harnessing the potential finger millet for achieving food and nutritional security: Challenges and prospects (ICFM-22) from 19 to 22, January, 2022 at Zonal Agricultural Research Station, Mandya, UASB organised by UAS, Bangalore in collaboration with ICAR-Indian institute of millet research, Hyderabad and international crops research institute for the semi-arid tropics, Hyderabad.
6.	Dr. K. T. Vijayakumar	2022	International	Young Scientist Award in Asia –Pacific Conference on Beekeeping for sustainable Agriculture, Ecosystem services and rural livelihoods (Bee 2022) organized by V. Shivaram Research Foundation in collaboration with Asian Apicultural Association and International Commission for Plant –Pollinator relationships held from 18-20th May, 2022 in Bangalore, India for outstanding contribution in the field of Apiculture
7.	Dr. D. Shobha	2022	International	Best oral presentation award for the paper entitled "An Agri-based entrepreneurship on foxtail millet-based breakfast mixes" at the International conference on biotechnology trend and future prospects (BTFP-2022) organized by Department of Plant Biotechnology, UAS, Bangalore from 13-15th September, 2022 at UAS, GKVK, Bangalore
8.	Dr. T. S.Sukanya	2022	International	Best Oral Presentation awarded for the paper entitled "Millets and their potential in Indian Agriculture for nutritional security" at 3rd International conference on Sustainable development initiatives in South East Asia Organized by Gochar educational and welfare society, Saharanpur, Uttar Pradesh, India at Kathmandu, Nepal during 7-8 November, 2022
9.	Dr. M. Manjunatha	2022	International	Best oral presentation awarded for the paper entitled, "Reusable device for cooling beverages and liquid foods: A novel approach to replace ice in glass" at

Sl No.	Name of the faculty	Year of award	Status of award	Name of the award and awarding agency
				the International conference on biotechnology trend and future prospects (BTFP-2022) organized by UAS, Bangalore from 13-15th September, 2022
10.	Dr B. Kalpana	2022	International	Best poster presentation award for the paper entitled, "Protein concentrates from sunflower de-oiled cake- An alternative source of protein for food supplements at the International conference on biotechnology trend and future prospects (BTFP-2022) organized by UAS, Bangalore from 13-15 th September, 2022 at UAS, GKVK, Bangalore
11.	Dr. K. B. Suresha	2022	International	Best poster presentation awarded for the paper entitled "Development of Ready-to-cook (RTC) pasta product from red rice" at the International conference on biotechnology trend and future prospects (BTFP-2022) organized by UAS, Bangalore from 13th - 15th September, 2022 at UAS, GKVK, Bangalore
12.	Dr. M. N. Thimmegowda	2022	International	Best oral presentation award for the paper titled "Agrometeorological interventions for enhancing farmers income in the drylands of south interior Karnataka" in the International conference on "Reimagining rainfed agro ecosystems: Challenges and opportunities" held at CRIDA Hyderabad from 22nd to 24th December 2022
13.	Dr. Sukanya T. S.	2022	International	Best Oral Presentation Award during 3rd International Conference on Sustainable Development Initiatives in South East Asia organized by Gochar Educational and Welfare Society from 7th to 8th November 2022 held at Kathmandu, Nepal
14.	Dr. Venkatappa	2023	International	Research Excellence award in International conference on "Recent Challenges for Global Sustainability-2023" organised by International Award Ceremony SPOORTHY-2023, Jointly organized by Sidvi Foundation, Government of India, Govt. College of Arts and Science, Aurangabad and Integrity media - New Delhi.
15.	Dr. C. Kishor	2023	International	Young Scientist Award-2023 for the outstanding contribution & recognition service in the field of Aquatic Environment and Management from Agricultural

Sl No.	Name of the faculty	Year of award	Status of award	Name of the award and awarding agency
				Technology Development Society Ghaziabad, Uttar Pradesh, India on the occasion of 6th International Conference for Strategies and Challenges in Agricultural and Life Science for Food Security and Sustainable Environment (SCALFE-2023)
16.	Dr. D. Shobha	2023	International	Best paper award for the paper Development of Millet based ready to cook at the two days International Conclave on Millets MILICON 2023 held at School of Sciences, Jain (Deemed to be University) Bengaluru during 12th and 13th September, 2023
17.	Dr. M. B. Darshan	2023	International	Best paper award for the paper Nutri-millet Quinoa grain popping quality at the two days International Conclave on Millets MILICON 2023 held at School of Sciences, Jain (Deemed to be University) Bengaluru during 12th – 13th September.
18.	Dr. T. S. Sukanya	2023	International	Scientist of the year-2023 by Gochar Educational and Welfare Society, Saharanpur (U.P.) India, in the event of 4th International Conference on Natural Resource Management and Sustainability on 27.11.2023 at Udayana University, Bali, Indonesia
19.	Dr. Chinnamade Gowda C	2023	International	Best Oral Presentation award during 2nd International conference on environment, forestry and sustainable agriculture organized by UAS, Bangalore held from 23rd – 25th November at GKVK, Bengaluru
20.	Dr. Vidya Mulimani	2023	International	Best Oral Presentation award during 2nd International conference on environment, forestry and sustainable agriculture organized by UAS, Bangalore held from 23rd – 25th November at GKVK, Bengaluru
21.	Dr. B. G. Vasanthi	2022	International	Best oral presentation award in the International Conference on 'Reimagining Rainfed Agro-ecosystems: Challenges & Opportunities, during 22nd-24th, December 2022' at ICAR-CRIDA, Hyderabad awarded by Indian Society of Dryland Agriculture.
22.	Dr. M. H. Manjunatha	2024	International	Best oral presentation award for the 'Innovative trend analysis reveals variable tendency to drought susceptibility of districts of Eastern dry zone of Karnataka'

Sl No.	Name of the faculty	Year of award	Status of award	Name of the award and awarding agency
				in the International conference on climate change and agro-ecosystem: Threats, opportunities and solutions held on 8-10 February, 2024 in Association of Agro-meteorologists, Banaras Hindu University, India Meteorological Department and South Asian Forum on Agricultural Meteorology
23.	Dr. S. B. Yogananda	2024	International	'Green Achiever Award' for his contribution in the field of Agronomy at International Conference titled '11th Go Green Summit' held at Bali, Indonesia from 13th to 14th December, 2024
24.	Dr. M.H. Manjunatha	2024	International	Second best oral presentation award for the title 'Response surface modelling for optimising sowing date, rainfall and temperature in pigeon pea' in the 5th International Conference on Climate Change and Natural Resource Management, at Dubai, UAE, from November 26th to 30th, 2024 organised by Gochar Educational and Welfare Society, Saharanpur, Uttar Pradesh.
25.	Dr. Latha Rani R	2024	International	Best oral presentation certificate for the paper 'Social Participation and Information Seeking Behaviour of Women Farmers of Kolar and Chikkaballapur Districts in Karnataka State' at 3rd International Conference on "Climate-Smart Nutri-sensitive Integrated Farming System for Gender-equitable Sustainable Agriculture: Prospects and Challenges on 8th November, 2024, at Bhubaneswar, Orissa organized by ICAR - Central Institute for Women in Agriculture, Bhubaneswar & Pragathi International Scientific Research
26.	Dr. Shyla P. N.	2024	International	Young women scientist award, 4th International conference on Recent Advances in Agriculture, Food Security Veterinary & Allied science for livelihood and Environmental sustainability. April 2025 Vital biotech.
27.	Dr. D. C. Hanumanpapa	2025	International	Best oral presentation "On Sensor irrigation and NDVI based nitrogen management in maize" in the 6th International Conference on Eco-Innovation and Sustainable Development:- A Global Perspective' at Hanoi, Vietnam

Sl No.	Name of the faculty	Year of award	Status of award	Name of the award and awarding agency
				organized by Gochar Educational and Welfare Society by Saharanpur, Uttar Pradesh from 26th to 30th November 2025
28.	Dr. Geetha M. Yankanchi	2025	International	Best oral presentation certificate for presenting the paper 'Livelihood Security of Farm Families through Agri Based she-preneurship' at Global Conference on Innovations to Impact: Gender Transformative Approach for Sustainable Agri-food System on 8-10, March 2025 held at Bhubaneswar, Orissa organized by Indian Council of Agricultural Research-Central Institute for Women in Agriculture, Bhubaneswar and Research Association for Gender in Agriculture
29.	Dr. Geetha M.Yankanchi	2025	International	Best oral presentation certificate for presenting the paper 'Nutri-Farming: A Sustainable approach for Micronutrient security' at Global Conference on Innovations to Impact: Gender Transformative Approach for Sustainable Agri-food System on 8-10, March 2025 held at Bhubaneswar, Orissa organized by Indian Council of Agricultural Research-Central Institute for Women in Agriculture, Bhubaneswar and Research Association for Gender in Agriculture
30.	Dr. D. V. Naveen	2025	International	Best poster presentation award, at the International Conference.
31.	Dr. Seenappa, C.	2025	International	Excellent Teacher Award, Gochar Educational and Welfare Society, Saharanpur, Uttar Pradesh, India
32.	Dr. N. G. Ravichandra	2021	National	Research Excellence Award-2020 by Institute of Scholars, Bangalore
33.	Dr. A. Sathish	2021	National	Pandit Deendayal Upadhyay Rashtriya Krishi Vigyan Protshahan Puraskar, ICAR, New Delhi
34.	Dr. N. B. Prakash	2021	National	Award for Excellence for the Best work done in the field of Plant Nutrition, The Fertilizer Association of India, New Delhi.
35.	Dr. B. Gayathri	2021	National	Bajra Gopal Sharma memorial Award, SADHNA (Society for Advancement of Human and Nature)
36.	Dr. B. Krishnamurthy	2021	National	Dr. Y.P. Singh Memorial Award, Indian society of Extension Education, New Delhi
37.	Dr. Nataraja Karaba N.	2021	National	Fellowship of KSTA, Karnataka Science and Technology Academy, Government of Karnataka

Sl No.	Name of the faculty	Year of award	Status of award	Name of the award and awarding agency
38.	Dr. S. Chandrashekhar	2021	National	Eminent Scientist Award, Agro Environmental Development Society (AEDS) Majhra Ghat, Rampur, Uttar Pradesh
39.	Dr. S. Chandrashekhar	2021	National	Excellence in Research Award, Samagra Vikas Welfare Society (SVWS)
40.	Dr. S. Chandrashekhar	2021	National	Outstanding Achievement Award, Agro Environmental Development Society (AEDS) Majhra Ghat, Rampur, Uttar Pradesh
41.	Dr. Arati Pannure	2021	National	Best Research Paper award, Directorate of Cashew Research, Puttur
42.	Dr. Mahesh M.	2021	National	National education and research award, Glacier Journal of scientific research, Ahmedabad, India.
43.	Dr. Shubhashree K. S.	2021	National	Adarsh Vidya Saraswathi Rashtriya Puraskar, Global Management Council, Ahmedabad
44.	Dr. Manjunatha Gowda K. S.	2021	National	Adarsh Vidya Saraswathi Rashtriya Puraskar, Global Management Council, Ahmedabad
45.	Dr. AmruthaT.G.	2021	National	Adarsh Vidya Saraswathi Rashtriya Puraskar, Global Management Council, Ahmedabad
46.	Dr. Venkatachalapathi V.	2021	National	Adarsh Vidya Saraswathi Rashtriya Puraskar, Global Management Council, Ahmedabad
47.	Dr. H. S. Latha	2021	National	Young Women Scientist awarded during International conference on New Paradigms for Agriculture, Food and Sustainability Concerns (NPAFSC – 2021) by Agriculture letters, Raichur, Karnataka held on 28.02.2021
48.	Dr. Prabu. C. Ganiger	2021	National	Agriculture Scientist award 2021 for his significant contribution to Agricultural Entomology, Taxonomy and education on 17th Oct. 2021 by Dr. B. Vasanthraj David Foundation, Chennai
49.	Dr. G. Jadesha	2021	National	Reviewer excellence award was awarded by Indian Journal of Agricultural Research
50.	Dr. V. Palanimuthu	2021	National	Certificate of Appreciation for encouraging the student to participate in FKCCI MANTHAN-2021 and guiding the student in mentioning Business Plan by FKCCI MANTHAN - 2021
51.	Dr. Mudalagiriyappa	2021	National	Fellow of the Indian Society of Agronomy (ISA Fellow-2020) in the Fifth International Agronomy Congress On

Sl No.	Name of the faculty	Year of award	Status of award	Name of the award and awarding agency
				"Agri Innovations to Combat Food and Nutrition Challenges" from November 23–27, 2021 at Prof., Jayashankar Telangana State Agricultural University (PJTSAU), Hyderabad, Telangana, India organized by ICAR-Indian Agricultural Research Institute, New Delhi, ICAR-National Academy of Agricultural Sciences, New Delhi, Indian Society of Agronomy, New Delhi and Indian Council of Agricultural Research, New Delhi in recognition of his outstanding contributions to the discipline of Agronomy
52.	Dr. N. B. Prakash	2021	National	FAI Award for Excellence in Plant Nutrition by The Fertilizer Association of India for his revolutionary research work on Silicon in Indian Agriculture on 1st December 2021 during the inaugural function of the FAI Annual Seminar at New Delhi. Dr. Trilochana Mohapatra, Director General, ICAR and Secretary, DARE, GoI
53.	Dr. K. V. Prakash	2021	National	Best oral presentation awarded during the 5th National Symposium on Plant Protection in Horticulture (NSPPH2021): Challenges and a Roadmap ahead' held at ICAR – IIHR, Bengaluru from 27th – 29th December 2021 for the paper entitled Prevalence of arecanut beetle, *Euplatypusparallelus* (F.) (Coleoptera: Curculionidae: Platypodinae) in Karnataka
54.	Dr. Vasanthi B. G.	2021	National	Best poster presentation awarded during the 2nd International Web-Conference on Smart Agriculture for Resource Conservation and Ecological Stability during October 29 and 31, 2021 organized by Academy of Natural Resources Conservation and Managements, Lucknow, India
55.	Dr.Shreenivasa K. R.	2021	National	Best Oral Presentation Awarded during 5th National Symposium on Plant protection in horticulture Challenges and Road map organized by Association for advancement of Pest Management in Horticultural Ecosystems, ICAR-IIHR, Bengaluru held on 29th December 2021 at IIHR, Hessaraghatta, Bengaluru
56.	Dr. B.A. Anand	2021	National	Certificate of Excellence in Reviewing

Sl No.	Name of the faculty	Year of award	Status of award	Name of the award and awarding agency
				andArchives of Current Research International
57.	Dr. Shankara M. H.	2021	National	Best Researcher Award, from VD GOOD Technology Factory, Pondicherry on 7th and 8th of August, 2021.
58.	Dr. Shankara M. H.	2021	National	Best Agricultural Extension Scientist Award by Agricultural Today group, New Delhi
59.	Dr. Sadashivanagowada	2021	National	ISA-Best Ph.D. Thesis Award for the year 2020 for the thesis titled "Evaluation of alternative crop and cropping system for sugarcane in Northern Transition Zone of Karnataka" by ICAR- IARI, New Delhi during 5th International Agronomy Congress held on 23rd to 27th November, 2021 at PJTSAU, Hyderabad
60.	Dr. L. B. Ashok	2021	National	Young Scientist Award by Agro Environmental Development Society, Rampur, Uttar Pradesh
61.	Dr. Ananthakumar M.A.	2021	National	Adarsh Vidya Saraswati Rashtriya Puraskar- A National Award of Excellence 2021 from the Glacier Journal Research Foundation, Ahmedabad
62.	Dr. M. H. Manjunatha,	2022	National	Best poster presentation awarded during National Conference on "Managing weather and climate risks in Agriculture (adapting crops to climate variability and uncertainty)" held on March 24-26, 2022 at SKUAST-Kashmir, Shalimar, Srinagar for the paper entitled Socio economic upliftment of dry farming farmers of eastern dry zone of Karnataka through agro-met advisories and farmers awareness programmes
63.	Dr. Yamanura	2022	National	Young Scientist Award -2021 during International Conference on Recent Advances for Managing Sustainable Soil Health and Crop Production organized by GKV Society, Agra, India from 18 to 20 February, 2022
64.	Dr. N. Mallikarjuna	2022	National	Best poster presentation awarded during National Conference on Maize for resource sustainability, industrial growth and farmers prosperity held at Maharana Pratap University of Agriculture and Technology, Udaipur, Rajasthan from 23rd to 25th February, 2022 for the paper entitled Confirmation of stable resistance sources to

Sl No.	Name of the faculty	Year of award	Status of award	Name of the award and awarding agency
				Northern corn leaf blight *Exserohilumturcicum* (Pass. Leonard Suggs) in Maize
65.	Dr. T. E. Nagaraj	2022	National	Kalayya Krishnamurthy National award for outstanding Agricultural Research for the Year 2021-22 during 56th Foundation Day of UAS B held on 11st October 2022
66.	Dr. Thimmegowda M. N.	2022	National	Best Oral Presentation awarded during International conference on reimaging rainfed agro ecosystem: Challenges and opportunities organized by Indian Society of Dryland Agriculture from 22nd – 24th December 2022 held at CRIDA, Hyderabad during Indian society of Dryland Agriculture
67.	Dr. Chinnamade Gowda C.	2022	National	Best Poster Presentation awarded during 7th National Conference on Biological Control (7th NCBC 2022) organized by Society for Biocontrol Advancement and ICAR-NBAIR, Bengaluru held on December 15-17 at Bengaluru
68.	Dr. Srinivasa N.	2022	National	Best Poster Presentation awarded during 7th National Conference on Biological Control (7th NCBC 2022) organized by Society for Biocontrol Advancement and ICAR-NBAIR, Bengaluru held on December 15-17 at Bengaluru
69.	Dr. Chinnamade Gowda C.	2022	National	Best Poster Presentation awarded during 7th National Conference on Biological Control (7th NCBC 2022) organized by Society for Biocontrol Advancement and ICAR-NBAIR, Bengaluru held on December 15-17 at Bengaluru
70.	Dr. Sukanya T. S.	2022	National	Best Speaker Awarded during International conference on System of Crop Intensification (ICSCI 2022) for Climate – Smart Livelihood and Nutritional Security held on 12-14th December, 2022 at Indian Institute of Rice Research (IIRR), Hyderabad
71.	Dr. Sukanya T. S.	2022	National	Best Oral Presentation Awarded First National Conference on "Emerging Trends and New Vistas in Applied Sciences – 2022" (NCETNVAS 2022) was organized by the Society for Nature and Applied Sciences in collaboration with the Nandha College of Pharmacy & Nandha Group of Institutions, Erode, Tamil Nadu held

Sl No.	Name of the faculty	Year of award	Status of award	Name of the award and awarding agency
				on 31st December 2022
72.	Dr. Vasanthi B. G.	2022	National	Best Oral Presentation awarded during International conference on reimaging rainfed agro ecosystem: Challenges and opportunities organized by Indian Society of Dryland Agriculture from 22nd – 24th December 2022 held at CRIDA, Hyderabad
73.	Dr. P. Venkatesha Murthy	2022	National	Adarsh Vidya Sarswati Rashtriya Puraskar, Global Management Council, Ahmedabad
74.	Dr. Parashivamurthy	2022	National	Excellence in Teaching by ICFAI, Ranchi, Jharkhand,
75.	Dr. Mohan Kumar T. L.	2022	National	Best Oral Paper Presentation Award, International Conference on Advances in Smart Agriculture and Biodiversity Conservation for Sustainable Development at Jaipur National University, Jaipur
76.	Dr. Sunitha T. R.	2022	National	Vishwarathna Dr. B.R. Ambedkar Gold Medal, UAS, Bengaluru
77.	Dr. B. A. Anand	2022	National	Certificate of Excellence in Reviewing from South Asian journal of Social Studies and Economics
78.	Dr. H. S. Shivaramu	2023	National	Received the ISA Gold Medal – 2023 award of the Indian Society of Agronomy, New Delhi during the 6th International Agronomy Congress held from 24th to 26th November 2025 at CSIR-NPL, New Delhi
79.	Dr. C. P. Manjula	2023	National	Best poster presentation awarded for the paper titled Identification of A tenuissima, A. solani, A. burnsii and A. gossypina as new members of Alternaria population in Karnataka on sunflower in the international conference on vegetable oils 2023 on Research, Trade, Value chain and policy jointly organised by Indian society of oilseeds research, Hyderabad and ICAR-Indian Institute of oilseeds Research, Rajendranagar, Hyderabad during January 17-21,2023 at Hyderabad
80.	Dr. M. H. Manjunath	2023	National	Prof. B. V. Ramana Rao best paper award in Agricultural Meteorology for the year 2022 for the research paper entitled "Algorithms for weather-based management decisions in major rainfed crops of India: validation using data from multi-location field experiments" published in the Agronomy journal Vol. 113 :1816-1830 at the AGMET -2022 held at TNAU,

Sl No.	Name of the faculty	Year of award	Status of award	Name of the award and awarding agency
				Coimbatore on 15thFebraury, 2023
81.	Dr. Mudalagiriyapa	2023	National	Kalaiah Krishnamurthy award for outstanding research contribution in the field of Precision Agriculture and Natural Resource Management for the year 2022-23 at the 58th foundation day of UAS, Bangalore held on 5th, October 2023
82.	Dr. K. Vishwanath	2023	National	Fellow of the Indian Society of Seed Technology from the Indian Society of Seed Technology at the 12th National Seed Congress-2023: Innovations and challenges in quality seed availability under changing climate held at Aurangabad from 11-13th, Dec, 2023
83.	Dr. K. R. Shreenivasa	2023	National	Scientist of Year Award -2023 by National Environmental Science Academy, New Delhi
84.	Dr. Kanavi M. S. P.	2023	National	Best oral presentation award on the topic "Identification of Physiological Biomarker Governing Drought Tolerance in Germplasm Accessions of Green gram [*Vigna radiata* (L.)] during International Conference on "Current Technologies and Opportunities in Bio-Science" jointly organized by UAS Bangalore and Combett Institute Bangalore from 27.03.2023 to 29.03.2023 at College of Agriculture, Karekere, Hassan.
85.	Dr. S. N. Vasudevan	2023	National	Best Reviewer Award of Agricultural Science Digest from ARCC Journal, Haryana
86.	Dr. Shankara M. H.	2023	National	Best Agricultural Extension Book award with prize amount of Rs. 30,000/- by MANAGE, Hyderabad on 13-06-2023 for the book titled "Entrepreneurship Development and Business Communication"
87.	Dr. Yamanura	2023	National	Best oral presentation award as first author for the research paper entitled "Studies on sex expression of novel pistillate lines and their suitability for climate-resilient hybrid development to yield maximization and better adoption under changing climatic conditions in castor" in National Seminar on Climate Resilience and Sustainable Development during 22-24 November,2023 organized by Karnataka Science and Technology Academy, Bengaluru

Sl No.	Name of the faculty	Year of award	Status of award	Name of the award and awarding agency
88.	Dr. R. Mohan Kumar	2023	National	Best oral presentation award as second author for the research paper entitled "Studies on sex expression of novel pistillate lines and their suitability for climate-resilient hybrid development to yield maximization and better adoption under changing climatic conditions in castor (*Ricinus communis* L.)'in National Seminar on Climate Resilience and Sustainable Development during 22-24 November,2023 organized by Karnataka Science and Technology Academy [KSTA], Bengaluru
89.	Dr. R. Mohan Kumar	2023	National	Best oral presentation award as First author for the research paper entitled "An elucidation on productivity, energetics, and carbon footprint of forage land-use systems of semi-arid tropic", International conference on feeding the future through sustainable eco-friendly innovations in rangeland, forages and animal sciences, organized in December, 02-04, 2023 by UAS, GKVK, Bangalore
90.	Latha H S, Manjunatha Y, Roopashree D H, Yamuna D U and Ravi M V	2023	National	Best Oral Presentation awarded during National Seminar on Sustainable soil health management: Convergence of traditional and modern approaches. Organized by College of Agriculture, VC Farm, Mandya, UAS, Bangalore held on 23rd and 24th January 2024
91.	Sunil C M, Chandrakala Hanagi, Yogesh G S and Roopashree D H	2023	National	Best Oral Presentation during National Seminar on Sustainable soil health management: Convergence of traditional and modern approaches. Organized by College of Agriculture, VC Farm, Mandya, UAS, Bangalore held on 23rd and 24th January 2024
92.	Dr. Krishna Murthy R.	2023	National	Best Poster Presentation awarded during 87th Annual Convention of the Indian Society of Soil Science, IISS, Bhopal held on 3rd October 2023
93.	Dr. Krishna Murthy R.	2023	National	Best Poster Presentation awarded during International Conference on Millets, Organic and Natural farming jointly organized by Sri SriNaisargik and University of Agriculture Sciences (GKVK), Bengaluru at art of living held on 10th and 11th December 2023

Sl No.	Name of the faculty	Year of award	Status of award	Name of the award and awarding agency
94.	Dr. Krishna Murthy R.	2023	National	Best Poster Presentation awarded during 2nd International Conference on Environment, Forestry and Sustainable Agriculture jointly organized in collaboration with University of Agricultural Sciences (UAS) Bangalore, International Academy of Science and Research (IASR) Kolkata, West Bengal and Confederation of Indian Universities (CIU) New Delhi at UAS, GKVK, Bengaluru held on 22nd – 25th November 2023
95.	Dr. Manjula C. P.	2023	National	P V Verma M Sc Stduent award during ISMPP 42nd Annual Cinference&Nayional Symposium on Plant Health Management: A way forward for Food Safety, Security and Sustainability organized by Indian Society of Mycology and Plant Pathology, Udaipur, Rajasthan and Anand Agricultural University, Anand, Gujarat hed from 10th May – 12th May 2023
96.	Dr. Yamanura	2023	National	Certificate of Excellence in Reviewing by International Journal of Plant and Soil Science
97.	Dr. Mahadevu P.	2023	National	All India Coordinated Research Project on Forage crops and Utilization was accorded with Certificate of Appreciation for developing the Forage Garden was accorded as 'Golden Jubilee Forage Garden' by ICAR-Indian Grassland and Fodder Research Institute, Jhansi at National group Meet-2024
98.	Dr. Mahadevu P.	2023	National	Certificate of Appreciation for contribution and development of technology Organic Nutrient Management in fodder Cowpea-Maize cropping system under irrigated situation by AICRP (Forage crops and Utilization), ICAR-IGFRI, Jhansi
99.	Dr. Mahadevu P.	2023	National	Best Poster Presentation awarded during International Conference on "Feeding the Future through Sustainable Eco-friendly Innovations in Rangelands" (RMSI International Conference 2023) at GKVK Campus, UAS Bangalore by Range Management Society of India, ICAR-IGFRI, Jhansi and UAS, Bangalore held on 2nd – 4th December 2023
100.	Dr. Mahadevu P.	2023	National	Best Oral Presentation awarded during National Seminar on 'Sustainable soil

Sl No.	Name of the faculty	Year of award	Status of award	Name of the award and awarding agency
				management; convergence of traditional and modern approaches' at College of Agriculture, VC farm, Mandya held on 23rd and 24th January 2024
101.	Dr. Jadesha G.	2023	National	Best Oral Presentation awarded during National Seminar on 'Sustainable soil management; convergence of traditional and modern approaches' at College of Agriculture, VC farm, Mandya held on 23rd and 24th January 2024
102.	Dr. Vishwanath K.	2023	National	Fellow of the Indian Society of Seed Technology awarded by Indian Society of Seed Technology, New Delhi
103.	Dr. Anand S. R.	2023	National	Pro-X R&D Awards-2023 awarded by Record owner, New Delhi during August 2023
104.	Dr. Mudalagiriyappa	2023	National	Best Poster Presentation awarded during International Conference on Millets, Organic and Natural farming jointly organized by Sri SriNaisargik and University of Agriculture Sciences (GKVK), Bengaluru at art of living held on 10th and 11th December 2023
105.	Dr. Uma M. S.	2023	National	AICRP (Sunflower) Centre, UAS, Bangalore was adjudged as best AICRP (Oilseeds) centre by the Quinquennial Team constituted by the ICAR to review the research work of ICAR-IIOR and AICRP on oilseeds for the five years (2017-2021) in the Annual Kharif Oilseeds group meet (Castor, Sunflower, Sesame & Niger)
106.	Dr. Ramegowda H. V.	2023	National	Received Professor M. Udaya Kumar memorial young scientist award from Indian Society of Plant Physiology, New Delhi on 09.01.2023 at International Conference on Food and Nutritional Security, NABI, Mohali for his research in Abiotic stress physiology.
107.	Dr. Y. N. Shivalingaiah	2023	National	Dr. G. S. Vidyarthi Memorial Award, ISEE, New Delhi
108.	Dr. C. M. Savitha	2023	National	Young Scientist Award, ISEE, New Delhi
109.	Dr. C. R. Jahir Basha	2023	National	Certificate of Excellence, Ashiyana Educational and Charitable Trust, Hyderabad.
110.	Dr. Swathi S. Patil	2023	National	Commendation Certificate for MJ Narasimhan Merit Award, National South Symposium

Sl No.	Name of the faculty	Year of award	Status of award	Name of the award and awarding agency
111.	Dr. Shreenivasa K. R.	2023	National	Scientist of the Year, National Environmental Science Academy
112.	Dr. Shreenivasa K. R.	2023	National	Best Ph.D. Thesis award, Agricultural Technology Development Society, Ghaziabad, Uttar Pradesh
113.	Dr. V. Govinda Gowda	2023	National	Best Stall in ISEE National Seminar, ISEE, New Delhi and UASB
114.	Dr. V. Govinda Gowda	2023	National	Best institution (Consolation award), International Trade Fair on Millets and Organics, Department of Agriculture, GoK
115.	Dr. Ramegowda H.	2023	National	Professor M. Udaykumar Memorial Young Scientist Award, Indian Society of Plant Physiology
116.	Dr. M. N. Thimmegowda	2023	National	Best Oral Presentation award, Indian society of Dryland Agriculture
117.	Dr. Mohan Kumar T. L.	2023	National	Best Oral Paper Presentation Award, Conference at Himachal Pradesh University, Shimla, H. P
118.	Dr. Mohan Kumar T. L.	2023	National	Best Teacher Award, Conference at Himachal Pradesh University, Shimla, H. P
119.	Dr. Manjunatha G. R.	2023	National	Scientist Excellence Award, International Conference at IAC, Tirunelveli, TN.
120.	Dr. Manjunatha G. R.	2023	National	Travel Grant for Thailand Visit, International Sericulture Commission, Bengaluru
121.	Dr. Nataraja Karaba N.	2023	National	Prof. J V Joshi Memorial Lecture Award, Indian Society for Plant Physiology, New Delhi
122.	Dr. Sunitha T. R.	2023	National	II Prize in poster presentation, College of Agriculture, Hassan
123.	Dr. Manjunatha Gowda K. S.	2023	National	"Best faculty" Award in the 13th Science & Technology Awards, EET CRS Research Wing for Excellence in Professional Education and Industry.
124.	Dr. Manjunatha Gowda K. S.	2023	National	"Young Achiever Award", AFTEFS, Vital Biotech, KOTA.
125.	Dr. Ramakrishna Naika	2023	National	Excellence Teaching award, AEEFWS, Chandigarh
126.	Dr. Lohithaswa H. C.	2023	National	Best oral presentation award in the National Seminar on 'Sustainable soil management; convergence of traditional and modern approaches' held during 23rd and 24th January 2024 at College of Agriculture, VC farm, Mandya
127.	Dr. Mahesh M.	2023	National	Dr. B. B. Mundkur Award for outstanding contributions in the field of Plant Pathology, jointly organised by Guru Kashi University, Talwandi Sabo & Just

Sl No.	Name of the faculty	Year of award	Status of award	Name of the award and awarding agency
				Agriculture Education Group & ISASTR, Noida.
128.	Dr. S. B. Yogananda	2023	National	Indian Society of Agronomy Fellow award 2021 by Indian Society of Agronomy at XXII Biennial National Symposiumat ICAR-CCARI, Ela, Goa
129.	Mrs. Kavya K.	2023	National	Young Professional Award, by the Society for Agriculture Innovation and Development (SAID), Ranchi, India
130.	Dr. Venkatappa	2023	National	Received Research Excellence award by Sidvi Foundation, Government College of Arts and Science, Aurangabad and Integrity Media, New-Delhi and London
131.	Dr. Sunil C. M.	2023	National	Best Oral Presentation Award at National Seminar on "Sustainable Soil Health Management: Convergence of Traditional and Modern Approaches held on 23rd&24thJanuary, 2024 at CoA, V C Farm, Mandya.
132.	Dr. P. Mahadevu	2024	National	Best poster presentation in "Dinanath grass-Climate smart fodder grass for rainfed ecosystem of Karnataka" in the conference "Sustainable soil health management convergence of traditional and modem approaches" held at CoA, Mandya on 23th -24th, January, 2024
133.	Dr. P. Mahadevu	2024	National	Best poster presentation in "Climate smart fodder crop: Bajra x Napier hybrid performance in southern dry zone of Karnataka' in the conference "Sustainable soil health management convergence of traditional and modem approaches" held at CoA, Mandya on 23th -24th, January, 2024
134.	Dr. H. S. Latha	2024	National	Best oral presentation award in the National Seminar on 'Sustainable soil management; convergence of traditional and modern approaches' held during 23rd and 24th January 2024 at College of Agriculture, VC farm, Mandya
135.	Dr. H. C. Lohithaswa	2024	National	AB Joshi Memorial Award of the Indian Society of Genetics and Plant Breeding, New Delhi, in recognition of his contributions to crop improvement in the country at the 2nd National Genetic Congress held at IARI, New Delhi from 11-13th December 2024
136.	Dr. Veena B. and Dr. Shobha D.	2024	National	Best Article Award for article entitled "*Utilization of Pineapple Waste*" published

Sl No.	Name of the faculty	Year of award	Status of award	Name of the award and awarding agency
				in Agriculture & Food: e-Newsletter on 21.04.2024
137.	Dr. M. S. Sreedevi	2024	National	Best Article Award for the article "Agricultural Farm Mechanization" published in Agriculture & Food: e-Newsletter on 15.05.2024
138.	Dr. R. Krishnamurthy	2024	National	Best Research Paper (2nd Prize) for the paper entitled 'Development of Fertilizer Prescription Equations and Post-Harvest Soil Test Value prediction equations for green gram and their evaluation in Alfisols Eastern Dry Zone of Karnataka' by *Karnataka Science and Technology Academy* (KSTA), Department of Science and Technology, GOK and Environment Association of Bangalore on 8th June, 2024
139.	Dr. R. Krishnamurthy	2024	National	Best Presentation Award for the paper entitled 'Natural Resource Conservation and Management' at 4th International Web Conference on Natural Resource Conservation and Management for Global Food Security and Environmental Stewardship held at Lucknow during 15th and 16th October,2024
140.	Dr. Yamanura	2024	National	Best Plant Breeder Award by Gujarat Natural Farming Science University, Halol and Indian Society of Genetics and Plant Breeding (ISGPB), New Delhi at Second International Agriculture Conference held during 3rd to 5th November 2024
141.	Dr. Syed Mazar Ali	2024	National	Best KVK Scientist Award of the International Conference on current innovations and Technological advances in Agriculture and allied sciences (CITAAS 2024) by Faculty of Agriculture, Guru Kashi university, Talwandi Sabo in colloboration with Dept of Agriculture and Farmers Welfare, Govt of Punjab and Just agriculture Edu.group on 29.12.2024
142.	Dr. Kalpana B.	2024	National	Best Oral Presentation awarded during 3rd International Conference on Climate-Smart Nutri-Sensitive Integrated Farming System for Gender-equitable Sustainable Agriculture: Prospects and Challenges (ICNSFS-2024) held at ICAR-Central Institute for Women in Agriculture from 06-08 November 2024 by ICAR-CIWA, Bhubaneshwar

Sl No.	Name of the faculty	Year of award	Status of award	Name of the award and awarding agency
143.	Dr. Geetha M. Yankanchi	2024	National	Best Oral Presentation awarded during 3rd International Conference on Climate-Smart Nutri-Sensitive Integrated Farming System for Gender-equitable Sustainable Agriculture: Prospects and Challenges (ICNSFS-2024) held at ICAR-Central Institute for Women in Agriculture from 06-08 November 2024 by ICAR-CIWA, Bhubaneshwar
144.	Dr. Yamuna D. U. & Dr. Latha H. S.	2024	National	Best Poster Presentation awarded during PG Science Week held from 6th August to 9th August 2024 by Directorate of Post Graduate Studies, UAS, Bangalore
145.	Dr. M. Manjunatha	2024	National	AICRP on Post-Harvest Engineering and Technology was bestowed with 'Best centre of the Year 2024-25 Award' by ICAR-Central Institute of Post-harvest Engineering Technology, Ludhiana at 40th Annual workshop of AICRP on PHET held at Assam Agricultural University, Jorhat from 20-22 November, 2024
146.	Dr. K. T. Vijayakumar	2024	National	AICRP on Honey Bees and Pollinators was awarded as Best Presenting Centre Award by ICAR- AICRP, New Delhi at Annual Group Meeting held on 29.09.2024 at HPKV, Palampur
147.	Dr. R. Krishna Murthy	2024	National	Best Research Paper award during National Workshop on Impact of climate change on soil and land jointly organized Karnataka Science and Technology Academy, Department of Science and Technology, Government of Karnataka and Environment Association of Bangalore held on 8th June 2024
148.	Dr. R. Krishna Murthy	2024	National	Best Poster Presentation awarded during 4th International web conference on Natural resources management for global food security and environmental stewardship jointly organized by Academy of Natural Resources and Management, Lucknow, KeladiShivappa Nayaka University of Agricultural and Horticultural Sciences, Shivamogga and University of Agricultural Sciences, Bangalore held from 15th to 16th October 2024
149.	Dr. Suresh K. B.	2024	National	Centre of Excellence on Nutri-cereals, UAS, GKVK, Bengaluru was awarded third prize in the category of Research

Sl No.	Name of the faculty	Year of award	Status of award	Name of the award and awarding agency
				Institutes by Jaivik India Awards supported by APEDA during 5th Jaivik India awards held at Bengaluru on 22nd January, 2025
150.	Dr. Channakeshava S.	2024	National	Best Soil Scientist Award, Agri Meet Foundation UP and CCSHAU ICRISAT, RLBCAU Jhansi
151.	Dr. Manjula C. P.	2024	National	Best poster presentation award, Indian Phyto pathological Society, New Delhi
152.	Dr. Murali Mohan K.	2024	National	Best research paper award for the research abstract entitled "Pesticide Usage Pattern in Horticultural Ecosystems of Karnataka presented during IPPC-2024 held at IIHR, Bengaluru
153.	Dr. Manjunatha G. R.	2024	National	Best Oral Presentation Award, International Conference - Silkworm Seedcon by CSB-NSSO, Bengaluru
154.	Dr. Nataraja Karaba N.	2024	National	Fellowship of ISPP, Indian Society for Plant Physiology, New Delhi
155.	Dr. M. S. Sheshshayee	2024	National	Fellowship of ISPP, Indian Society for Plant Physiology, New Delhi
156.	Dr. Channakeshava, S.	2024	National	Best Soil Scientist Award, Agri Meet Foundation UP and CCSHAU ICRISAT, RLBCAU Jhansi
157.	Dr. D. V. Naveen	2024	National	Best Academician Award, Institute of Management, Bhubaneshwar
158.	Dr. Arati Pannure	2024	National	Certificate of Appreciation, Mentor, Association of Indian Universities, ANVESHAN -2024-25, Association of Indian Universities.
159.	Dr. Arati Pannure	2024	National	Best Oral Presentation Award, Assam Agricultural University, Jorhat, Assam, Entomology Students Conclave -2025
160.	Dr. Mahesh, M.	2024	National	Received Prof. K.C. Mehta Memorial Award for outstanding contributions in the field of Plant Pathology, School of Agriculture, Uttaranchal University Dehradun, Uttarkand and Agro Environmental Development Society (AEDS) Majhra Ghat, Rampur, UP, India
161.	Dr. N. Amarantha	2024	National	Best Teacher (Sericulture) Award, Global Management Council, Glacier Journal Research Foundation, Ahmedabad
162.	Dr. N. Amarantha	2024	National	Adarsh Vidya Saraswati Rashtriya Puraskar award, Global Management Council, Glacier Journal Research Foundation, Ahmedabad
163.	Dr. N. Amarantha	2024	National	Best Teacher Award, Society of Agricultural Research, Applied Technology

Sl No.	Name of the faculty	Year of award	Status of award	Name of the award and awarding agency
				and Environmental Science, India
164.	Dr. N. Amarantha	2024	National	Outstanding Teacher Award, Samagra Vikas Welfare Society Lucknow
165.	Dr. Shubha Shree, K. S.	2024	National	Best Poster presentation award (Mentor), University of Agricultural Sciences (B)
166.	Dr. Shubha Shree, K. S.	2024	National	Best thesis presentation award (Mentor), International conference
167.	Dr. Manjunatha Gowda K. S.	2024	National	Academic Excellence Award, Research Education Solutions, Bhubaneshwar
168.	Dr. Shankar M. H.	2024	National	Awarded Certification of Recognition for an outstanding contribution as an Editor for the edited book titled "Futuristic Trends in Social Science" vol-3 Book 7 by IIP Series.
169.	Mrs. Rekha, B.	2024	National	Awarded Certification of Recognition for an outstanding contribution as an Editor for the edited book titled "Futuristic Trends in Artificial Intelligence" vol-3 Book 6 by IIP Series
170.	Dr. S. B. Yogananda	2024	National	"Greeen Achievers" prize for the paper titled "Response of biodegradable urban and municipal waste compost and its effect on growth and yield maize *(Zea mays L.)*"during 11th Go Green Summit held on 13th and 14th December, 2024 at Bali, Indonesia for exceptional contribution to the field of Agronomy
171.	Dr. Chandrakala Hanagi	2024	National	Best poster award for the research article "A study on nutritional and functional properties of ready to cook Maize sjujihalwa fortified with carrot and pumpkin" in National conference on Maize, a crop for food, feed, nutritional and bio energy security with environmental sustainability held at IIMR, Ludhiana, from 23.8.24 to 25.8.24.
172.	Dr Sreedevi M S	2024	National	Best article award for article entitled "Agricultural Farm Mechanization" which got published in in Agriculture and Food: e-Newsletter by Agriculture and Food e-Newsletter
173.	Dr. P. Mahadevu	2024	National	Best oral presentation awarding by IIMR, Ludhiana
174.	Dr. Mudalgiriyappa	2025	National	Dr. J. Venkateshwarulu Award for his Excellence in Dryland Agriculture Research during 2nd International Conference on Rainfed Agriculture: Building for resilience & Sustainable Livelihoods by Indian Society of Dryland

Sl No.	Name of the faculty	Year of award	Status of award	Name of the award and awarding agency
				Agriculture held at CRIDA, Hyderabad from 29-31 January, 2025
175.	Dr. M. B. Darshan	2025	National	First best oral presentation award by International Conference on Recent Advances in Food Science & Technology: A Way Forward at Danavira Sirasangi Shri Lingaraj Desai College of Horticultural Engineering and Food Technology, College of Horticultural Engineering and Food Technology, Devihosur, Haveri on 23.01.2025
176.	Dr. M. H. Manjunatha	2025	National	Best oral presentation award for presenting the paper titled "Ascertaining natural resources in watersheds under climate change - A land resource inventory and hydrological approach" during the National conference on "Frontier technologies for weather and climate-based decision in Agriculture and Allied sectors" (AGMET-2025), held at Assam Agricultural University, Jorhat from 13 to 15 February, 2025
177.	Dr. Mudalgiriyappa	2025	National	Dr. J. Venkateshwarulu Award for his Excellence in Dryland Agriculture Research during 2nd International Conference on Rainfed Agriculture: Building for resilience & Sustainable Livelihoods by Indian Society of Dryland Agriculture held at CRIDA, Hyderabad from 29-31 January, 2025
178.	Dr. Chinnamade Gowda C.	2025	National	Best Oral Presentation awarded during National Symposium on Challenges and Sustainable management of mites in agriculture, horticulture and sericulture held at Gandhi Krishi Vigyan, Kendra, UAS, Bangalore from 20th – 21st November 2025 by Acarological Society of India
179.	Dr. Chinnamade Gowda C.	2025	National	Best Oral Presentation awarded during National Symposium on Challenges and Sustainable management of mites in agriculture, horticulture and sericulture held at Gandhi Krishi Vigyan, Kendra, UAS, Bangalore from 20th – 21st November 2025 by Acarological Society of India
180.	Dr. Vidya Mulimani	2025	National	Best Oral Presentation awarded during National Symposium on Challenges and Sustainable management of mites in agriculture, horticulture and sericulture

Sl No.	Name of the faculty	Year of award	Status of award	Name of the award and awarding agency
				held at Gandhi Krishi Vigyan, Kendra, UAS, Bangalore from 20th – 21st November 2025 by Acarological Society of India
181.	Dr. Chinnamade Gowda C.	2025	National	Best Oral Presentation awarded during National Symposium on Challenges and Sustainable management of mites in agriculture, horticulture and sericulture held at Gandhi Krishi Vigyan, Kendra, UAS, Bangalore from 20th – 21st November 2025 by Acarological Society of India
182.	Dr. Vidya Mulimani	2025	National	Best Oral Presentation awarded during National Symposium on Challenges and Sustainable management of mites in agriculture, horticulture and sericulture held at Gandhi Krishi Vigyan, Kendra, UAS, Bangalore from 20th – 21st November 2025 by Acarological Society of India
183.	Dr. Chinnamade Gowda C.	2025	National	Best Oral Presentation awarded during National Symposium on Challenges and Sustainable management of mites in agriculture, horticulture and sericulture held at Gandhi Krishi Vigyan, Kendra, UAS, Bangalore from 20th – 21st November 2025 by Acarological Society of India
184.	Dr. Chinnamade Gowda C.	2025	National	Best Oral Presentation awarded during National Symposium on Challenges and Sustainable management of mites in agriculture, horticulture and sericulture held at Gandhi Krishi Vigyan, Kendra, UAS, Bangalore from 20th – 21st November 2025 by Acarological Society of India
185.	Dr. Vidya Mulimani	2025	National	Best Oral Presentation awarded during National Symposium on Challenges and Sustainable management of mites in agriculture, horticulture and sericulture held at Gandhi Krishi Vigyan, Kendra, UAS, Bangalore from 20th – 21st November 2025 by Acarological Society of India
186.	Dr Geetha M. Yankanchi	2025	National	Dr R Dwarakinath Award for best article published by Krishi Vigyan quarterly magazine Vol. 2(3) during Krishimela-2025 held from 13th to 16th November at UAS, GKVK, Bengaluru
187.	Dr. Mudalgiriyappa	2025	National	AICRP for Dryland agriculture received Dr. Gajjala Ravindra Chary Award for Outstanding Interdisciplinary Team in Dryland Agriculture Research, Extension & Development during Second International

Sl No.	Name of the faculty	Year of award	Status of award	Name of the award and awarding agency
				Conference of ISDA on 'Rainfed Agriculture: Building Pathways for Resilience & Sustainable Livelihoods' held at ICAR-CRIDA on 29-01-2025
188.	Dr. Vidya Mulimani	2025	National	Best Oral Presentation awarded during Entomology Student Conclave 2025 held at Assam Agricultural University, Jorhat, Assam jointly organized by the Entomological Society of Indian, New Delhi, Department of Entomology, Assam Agricultural University, Jorhat, Assam and Division of Entomology, ICAR- Indian Agricultural Research Institute, New Delhi from 15th – 17th Match 2025
189.	Dr. M. R. Anand	2025	National	Best Poster Presentation awarded during 2nd International Conference on Frontiers in Science and Technology for Agricultural Transformation (FSTAT-2025) jointly organized by ICAR – National Academy of Agricultural Research Management (NAARM), Hyderabad, Telangana and Agriculture Entrepreneur Environment and Technology Development Society, Lucknow held from 25th to 26th September 2025
190.	Dr. M. R. Anand	2025	National	Best Scientist of the year Award – 2025 awarded for the outstanding contribution and recognition in the field of Agronomy during2nd International Conference on Frontiers in Science and Technology for Agricultural Transformation (FSTAT-2025) jointly organized by ICAR – National Academy of Agricultural Research Management (NAARM), Hyderabad, Telangana and Agriculture Entrepreneur Environment and Technology Development Society, Lucknow held from 25th to 26th September 2025
191.	Dr. Praveenakumar R.	2025	National	Best oral presentation award-2025 for the topic titled "Impact of climate resilient technologies in NICRA village of Chikkaballapura district " in the conference CHANAAS-2025, held at College of Sericulture, Chintamani
192.	Dr. Praveenakumar, R.	2025	National	Best poster award-2025 for the topic titled "Eco-friendly pest and disease management in tomato " in the conference CHANAAS-2025, held at College of Sericulture,

Sl No.	Name of the faculty	Year of award	Status of award	Name of the award and awarding agency
				Chintamani
193.	Dr. Amoghavarsha Chittaragi	2025	National	Best oral presentation award-2025 for the topic titled "Predictive agriculture with AI: Machine Learning Models for Forecasting Crop Disease and Pest epidemics" in the conference CHANAAS-2025, held at College of Sericulture, Chintamani
194.	Dr. C. T. Ramachandra	2025	National	Eminent Engineer award from Institute of Engineers (India) for outstanding contribution in the field of Agricultural Engineering for the year 2025. Presented during the 37th National Convention of Agricultural Engineers, held at Uttar Pradesh State Centre, Lucknow from 29-30 August, 2025
195.	Dr. Jayashree G. C.	2025	National	Best Paper Award,Bannari Institute of Technology Sathyamangalam, Tamil Nadu
196.	Dr. Jayashree G. C.	2025	National	Certificate of Recognition (Veera Vanithe), Bangalore
197.	Dr. N. B. Prakash	2025	National	Dr. R.V. Tamhane Memorial Lecture Award, Indian Society of Soil Science
198.	Dr. N. B. Prakash	2025	National	Fellow of the National Academy of Agricultural Sciences, National Academy of Agricultural Sciences, New Delhi
199.	Dr. Channakeshava S	2025	National	Fellow Member of RAAST Associate Fellowship Award, Western Ghats Research Association of Agricultural Sciences and Technology
200.	Dr. Manjunatha G. R.	2025	National	Young Statistician Award, Society of Agricultural Research, Applied Technology and Environmental Science, India
201.	Dr. Shreenivasa K. R.	2025	National	Outstanding Pathologist Award, Samagra Vikas Welfare Society (SVWS)
202.	Dr. Suprabha N.	2025	National	DG NCC Plagque of Honor- First in Order of Merit and Gold Medal, DG NCC, OTA Gwalior
203.	Dr. N. Amarantha	2025	National	Best Thesis Award for P.G. Student (Mentor), Society of Agricultural Research, Applied Technology and Environmental Science, India
204.	Dr. M. V. Srinivasa Reddy	2025	National	Best oral presentation award (Mentor), College of Sericulture, Chintamani
205.	Dr. Narasareddy, G	2025	National	Best oral presentation award (Mentor), College of Sericulture, Chintamani
206.	Dr. Narasareddy, G	2025	National	Best oral presentation award (Mentor), College of Sericulture, Chintamani
207.	Dr. D. V. Naveen	2025	National	Best oral presentation award (Mentor), College of Sericulture, Chintamani

Sl No.	Name of the faculty	Year of award	Status of award	Name of the award and awarding agency
208.	Dr. D. V. Naveen	2025	National	Best oral presentation award (Mentor), College of Sericulture, Chintamani
209.	Dr. D. V. Naveen	2025	National	Best oral presentation award (Mentor), College of Sericulture, Chintamani
210.	Dr. D. V. Naveen	2025	National	Best oral presentation award (Mentor), University of Agricultural Sciences (B)
211.	Dr. Shubha Shree, K. S	2025	National	Best oral presentation award (Mentor), University of Agricultural Sciences (B)
212.	Dr. Kanavi M. S. P.	2025	National	Best teacher award given by Indian Society of Agriculture Science & Technology Research
213.	Dr. Shashi Kiran A. S.	2025	National	Nominated as a member of the Editorial Board of the Edwin Group of Journals, New Delhi.
214.	Dr. Venu, S. A.	2025	National	Best Oral Presentation Award for his outstanding presentation on the topic of "Non-Destructive Quality Evaluation for Fruits and Vegetables" in the national seminar on Emerging Trends in Agriculture and Allied Sciences held on 12th and 13th July, 2025 (Virtual Mode) organized by Encourage Society, Bangalore and Agri. Tech. Publication, Bangalore.
215.	Dr. Shashidhar, K. S.	2025	National	Best Agri. Genetic Scientist Award by Agriculture Development Society, UP, India
216.	Dr. Ramakrishna Naika	2021	State	Dr. Sarvepalli Radhakrishna Distinguished Professor Award in Sericulture, University of Mysore
217.	Dr. C. P. Manjula	2021	State	Best Oral Presentation awarded during the 16th Kannada Science Congress organized by Karnataka Science Congress from 15th – 17th September, 2021 at Mangalore University, Mangalore
218.	Dr. D. Shobha	2021	State	Certificate of Appreciation as a distinguished Speaker in the Five days Webinar on "Food Safety for well-being held during 20th to 24th September, 2021 by College Internal Complaint Cell, Bangalore Institute of Technology, Bengaluru
219.	Dr. Manjunath B.	2021	State	Borja Gopal Sharma Memorial Award, SADHNA Society, H. P.
220.	Dr. Manjunath B.	2021	State	Best Plant Pathologist Award, Agricultural technology development society, Uttar Pradesh.
221.	Dr. M. B. Darshan	2022	State	Karnataka Kalaa Kesari- 2022 jointly by Kannada mattu Samskruti Illakhe, GoK& Chiguru Cultural and Charitable Trust

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				(reg), Bengaluru on 10-12-2022 at Kalagrama, Bengaluru for his Contributions in the field of Art, Literature and Culture
222.	Dr. Mudalagiriyappa	2022	State	Best Book (Integrated Farming System) Awarded by Department of Science and Technology, GoK
223.	Dr. Muthuraju R.	2022	State	Best National Service Scheme (NSS) Programme Co-ordinator, Ministry of Youth Empowerment and Sports Department, National Service Scheme Cell, Government of Karnataka
224.	Dr. Muthuraju R.	2022	State	Best University - National Service Scheme (NSS) Award, Ministry of Youth Empowerment and Sports Department, National Service Scheme Cell, Government of Karnataka
225.	Dr. Dronachari Manvi	2022	State	Received certificate for mentoring students of UASB during FKCCI 14th Edition – Innovations and Business Plan Presentation 2022- Business Plan Competition – First time in South India
226.	Dr. Dronachari Manvi	2022	State	Received Best Concept for mentoring the students under post Graduate Category during Best Innovative Agri Start Up Concept Presentation -2022 awarded during Krishimela 2022.
227.	Dr. Dronachari Manvi	2022	State	Received certificate for Student Innovative Concept "Mulberry Leaf Extract powder under BioNest –Startup Innovative Ideas in Agriculture -2022.
228.	Dr. K. B. Palanna	2023	State	Best paper presentation awarded for the paper Assessment of genetic diversity of virulence genes in the *Magnaporthe* population infecting millets in India in Plantinum Jubilee Conference on Plant and soil health management: Issues and innovations organised by Indian Phyto pathological Society at University of Mysore from February 2 to 4th,2023
229.	Dr. K. B. Palanna	2023	State	Best poster presentation awarded for the paper Genomic approaches to unravel the untold secretes of millets for enhancing production and productivity in Plantinum Jubilee Conference on plant and soil health management: Issues and innovations organised by Indian Phyto pathological Society at University of Mysore from

Sl No.	Name of the faculty	Year of award	Status of award	Name of the award and awarding agency
				Feb.,2 to 4th,2023
230.	Dr. C. A. Deepak	2023	State	Nagamma Dattatreya Rao Desai Prize Award at the 58th foundation day of UAS, Bangalore held on 5th, October 2023 for outstanding adaptive agricultural research for agro climatic region of Karnataka in the field of crop improvement in the Rice and Small Millets
231.	Dr. Dronachari Manvi	2023	State	Received certificate under Best Innovative Agri Start Up Concept Presentation -2023 under Post Graduate category -2023 in the PG Science week.
232.	Dr. M. Shalini	2023	State	Dr. Dwarkinath Best Extension worker Award, UAS, Bengaluru
233.	Dr. V. Govinda Gowda	2023	State	Best stall Award, Keregodi- Rangapura Mutt, Tiptur
234.	Dr. Deepak. C. A.	2023	State	Nagamma Dattatreya Rao Desai Prize Award: 2022 for outstanding adaptive agricultural research for agro-climatic region of Karnataka by University of Agricultural Sciences, Bangalore
235.	Dr. M. N. Thimmegowda	2024	State	Nagamma Dattatreya Rao Desai Prize Award: 2023-24 by UAS, Bangalore during 59th Foundation day held on 1st October, 2024
236.	Dr. Pallavi, M.S.	2024	State	Certificate of appreciation, KSNUAHS, Shivamoga
237.	Dr. K. Devaraja	2025	State	Eminent Engineer Award which was conferred at the 58th Engineer Day celebration on 15th September by The Institution of Engineers (India), Karnataka State centre, Bengaluru under the theme "Deep Tech & Engineering excellence: Driving India's Techade"
238.	Dr. C. T. Ramachandra	2025	State	Award for Outstanding Research Publications (AORP) from the Vision Group on Science and Technology (VGST), Dept. of Information Technology, Biotechnology and Science & Technology, Government of Karnataka in the year 2025.
239.	Dr. A. Sathish	2021	University	Prof. B. V. Venkatarao best scientific kannada article, UAS, GKVK, Bengaluru.
240.	Dr. Mamatha H. S.	2021	University	M/s Zuvari Industries best extension worker, UAS, GKVK, Bengaluru.
241.	Dr. D. V. Naveen	2021	University	Certificate of Merit Award, University of Agricultural Sciences (B)
242.	Dr. N. Amarantha	2021	University	Certificate of Merit Award, University of Agricultural Sciences (B)

Sl No.	Name of the faculty	Year of award	Status of award	Name of the award and awarding agency
243.	Dr. Uma M. S.	2021	University	Best live demonstration of different Sunflower varieties during Krishimela-2021 held at UAS, GKVK, Bangalore
244.	Dr. Uma M. S.	2021	University	Best Oilseed stall award during Krishimela-2021 organized by UAS, GKVK, Bangalore.
245.	Dr. Vishwanath K.	2021	University	Certificate of Merit for revenue generation by UAS Bangalore during 56th Foundation Day held on 1st October 2021 at UAS, GKVK, Ba
246.	Dr. Hanumanthappa D. C.	2021	University	Best Agroforestry-based Integrated Farming System Demonstration during Krishimela-2021 organized by UAS, GKVK, Bangalore.
247.	Dr. Aruna, G. R.	2021	University	Professor B V Venkatarao Best Scientific Article award by University of Agricultural Sciences, Bangalore
248.	Dr. S. B. Yogananda	2021	University	ICAR Best Teacher Award on 57thFoundation day, 2022, UAS, GKVK, Bangalore
249.	Dr. Yamanura	2022	University	Prof. B V Venkatarao Best Scientific Article Award for the research article - The impact of the Integrated Crop Livestock System for Sustainable Livelihood Security of Rainfed Farming
250.	Dr. R. Mohan Kumar	2022	University	Prof. B. A.Venkat Rao award for the best Scientific paper Sustainable livelihood in rainfed agriculture through integrated farming and animal husbandry published in Krishi Vignana quarterly magazine during 2021 in Krishimela 2022 organized during 3rd to 6th November,2022
251.	Dr. Mudalagiriyappa	2022	University	Best Large Scale Field Demonstration Award during Krishimela-2022 organized by UAS, GKVK, Bengaluru
252.	Dr. Uma M. S.	2022	University	Best Oilseed stall awarded during Krishimela-2022 held at UAS, GKVK, Bengaluru
253.	Dr. Onkarappa T.	2022	University	Live demonstration of different varieties of Soybean under oil seed crops awarded during Krishimela-2022 held at UAS, GKVK, Bengaluru
254.	Dr. Onkarappa T.	2022	University	Best Stall award for oil seeds unit during Krishimela-2022 held at UAS, GKVK, Bengaluru
255.	Dr. Vijayakumar K. T.	2022	University	Best Demonstration awarded during Krishimela 2022 held at UAS, GKVK, Bengaluru

Sl No.	Name of the faculty	Year of award	Status of award	Name of the award and awarding agency
256.	Dr. Vishwanath K.	2022	University	Certificate of Merit for revenue generation by UAS Bangalore during 57th Foundation Day held on 11th October 2022 at UAS, GKVK, Bengaluru
257.	Dr. Hanumanthappa D. C.	2022	University	Best Agroforestry-based Integrated Farming System Demonstration awarded during Krishimela-2022 organized by UAS, GKVK, Bengaluru
258.	Dr. Yamanura	2022	University	Best Demonstration Plot (Castor) Group Awarded during Krishimela-2022 organized by UAS, GKVK, Bengaluru
259.	Dr. V. L. Madhuprasad	2022	University	Received Dr. R. Dwarakinath award for success story article in Krishi Vignana Quarterly published during 2020 on 14-11-2021
260.	Dr. Srinivasappa, K. N.	2022	University	Best Oral Paper Presentation Award, University of Agricultural sciences, Bangalore
261.	Dr. C. Suneetha	2022	University	University Best Teacher award, University of Agricultural sciences, Bengaluru
262.	Dr. V. Govinda Gowda	2022	University	Second place among best stalls during Krishimela, UAS, Bengaluru
263.	Dr. Shobha D.	2022	University	Best Oral Presentation, UAS, Bengaluru
264.	Dr. Arati Pannure	2022	University	Best Poster Presentation, College of Sericulture, Chintamani
265.	Dr. Mahesh M.	2022	University	Best oral paper presentation, College of Sericulture, Chintamani
266.	Dr. RudregoudaChilur	2022	University	Best Poster presentation, College of Sericulture, Chintamani
267.	Dr. D. V. Naveen	2022	University	Best poster presentation award, University of Agricultural Sciences (B)
268.	Dr. RudregoudaChilur	2022	University	Certificate of Merit Award, University of Agricultural Sciences (B)
269.	Dr. Ramakrishna Naika	2022	University	Best Poster Presentation award, University of Agricultural Sciences (B)
270.	Dr. D. Shobha	2023	University	Prof. B.V Venkatarao award for best Scientific article in Krushi Vignana (A trimonthly magazine) on "Kaachakki-PoushtikaMahathvahaaguMoulyavardhane" during KRISHIMELA-2023 of UASB
271.	Dr. Mudalagiriyappa,	2023	University	Best LargeScale Field Demonstration Awarded during Krishimela-2023 held at UAS, GKVK, Bengaluru
272.	Dr. Uma M. S.	2023	University	Best demo plot awarded for Sunflower plot by UAS Bangalore during Krishimela-2023 held at UAS, GKVK, Bengaluru
273.	Dr. Somashekar K. S.	2023	University	Certificate of Merit awarded during 58th Foundation Day held on 11th October 2023

Sl No.	Name of the faculty	Year of award	Status of award	Name of the award and awarding agency
				at UAS, GKVK, Bengaluru
274.	Dr. Onkarappa T.	2023	University	Incentive award for bringing external funded project from ICAR during 58th Foundation Day held on 11th October 2023 at UAS, GKVK, Bengaluru by UAS Bangalore
275.	Dr. Sinchana M. A.	2023	University	Best Poster Presentation Awarded during PG Science Week at UAS, Bangalore held on 21st to 24th August 2023
276.	Dr. Vijayakumar K. T.	2023	University	Incentive award for bringing external funded project from ICAR during 58th Foundation Day held on 11th October 2023 at UAS, GKVK, Bengaluru by UAS Bangalore
277.	Dr. Vijayakumar K. T.	2023	University	Best Demonstration award during Krishimela-2023 held at UAS, GKVK, Bengaluru
278.	Dr. Kavitha T. R.	2023	University	Certificate of recognition for the serving as Honorary Reviewer by UAS, Dharwad
279.	Dr. Vishwanath K.	2023	University	Certificate of Merit for revenue generation during 58th Foundation Day held on 11thOctober 2023 at UAS, GKVK, Bengaluru by UAS Bangalore
280.	Dr. Hanumanthappa D. C.	2023	University	Best Agroforestry-based Integrated Farming System Demonstration during 58th Foundation Day held on 11th October 2023 at UAS, GKVK, Bengaluru by UAS Bangalore
281.	Dr. Lohithaswa H. C.	2023	University	Best demonstration Plot award during Krishimela-2023 held at UAS, GKVK, Bengaluru
282.	Dr. Yamunara	2023	University	Best Demonstration Plot (Castor) Group Awarded during Krishimela-2023 held at UAS, GKVK, Bengaluru
283.	Dr. Roopa B. Patil	2023	University	Best oral presentation, UASB and Sri Sri Naisargik, Bengaluru
284.	Dr. P. Venkatesha Murthy	2023	University	ICAR Best Teacher Award, UAS, Bengaluru
285.	Dr. Kavita Kandpal,	2023	University	Certificate of merit, UAS, Bengaluru
286.	Dr. D. V. Naveen	2023	University	"Innovative START–UP in Agriculture, University of Agricultural Sciences (B)
287.	Dr. RudregoudaChilur	2023	University	Merit certificate award, University of Agricultural Sciences (B)
288.	Dr. Arati Pannure	2023	University	Innovative Start-up award, University of Agricultural Sciences (B)
289.	Dr. Arati Pannure	2023	University	Merit certificate award, University of Agricultural Sciences (B)

Sl No.	Name of the faculty	Year of award	Status of award	Name of the award and awarding agency
290.	Dr. V. P. Bharathi	2023	University	Merit certificate award, University of Agricultural Sciences (B)
291.	Dr. Divya B.	2023	University	Incentive award by University of Agriculture sciences, Bangalore
292.	Mr. Manjunath L.	2023	University	Best Service Personnel awardfor Contribution made in the rice research for the year 2022-23, by UAS, Bangalore
293.	Dr. Sreedevi M. S.	2023	University	Prof. B.V. Venkatarao award 2022 for Best Scientific Popular Article on "Finger Millet-Processing and its value addition" published in Krishi Vignana magazine (April-June 2022, Page: 8-12) and received on 18-11-2023 during Krishimela held at UAS, Bangalore Awarding agency: University of Agricultural Sciences, Bangalore
294.	Dr. P. Mahadevu	2023	University	Best poster presentation awarding by UAS, Bangalore
295.	Dr. P. Mahadevu	2023	University	Best poster presentation awarding by UAS, Bangalore
296.	Dr. Yamanura	2024	University	Certificate of Merit for Excellence in Research awarded for getting an externally funded project from DST-New Delhi titled "Exploring the ecosystem services for environmental sustainability" with a budget outlay of Rupees 75.30 lakh during 59^{h} Foundation Day held on 1st October 2024 at UAS, GKVK, Bengaluru
297.	Mrs. Veena R.	2024	University	Best Poster Presentation Awarded during National Conference onAdvances in Food Technology and Nutrition held on March 15-16, 2024 at Kuvempu University, Shivamogga
298.	Dr. Thimmegowda	2024	University	Best stall awarded during Krishimela-2024 held at UAS, GKVK, Bengaluru
299.	Dr. Kalpana B.	2024	University	Best stall awarded during Krishimela-2024 held at UAS, GKVK, Bengaluru - Krishimela by UAS Bangalore
300.	Dr. Vijayakumar K. T.	2024	University	Best Demonstration awarded during Krishimela-2024 held at UAS, GKVK, Bengaluru by UAS, Bangalore by UAS, Bangalore
301.	Dr. Sukanya T. S.	2024	University	Incentive award for externally awarded project (DST-SERB SURE) during 59^{h} Foundation Day held on 1st October 2024 at UAS, GKVK, Bengaluru by UAS,

Sl No.	Name of the faculty	Year of award	Status of award	Name of the award and awarding agency
				Bangalore
302.	Dr. Kavitha T. R.	2024	University	Certificate of recognition for serving as Reviewer, Journal of Environmental Biology
303.	Dr. Kavitha T. R.	2024	University	Certificate of recognition for serving as Honorary Reviewer by UAS, Dharwad
304.	Dr. Vishwanath K.	2024	University	Certificate of Merit for revenue generation by UAS, Bangalore during 59^{h} Foundation Day held on 1st October 2024 at UAS, GKVK, Bengaluru
305.	Dr. Hanumanthappa D. C.	2024	University	Best Agroforestry-based Integrated Farming System Demonstration during Krishimela-2024 held at UAS, GKVK, Bengaluru by UAS, Bangalore
306.	Dr. Yamanura	2024	University	Best Demonstration Plot (Castor) Group Awarded during during Krishimela-2024 held at UAS, GKVK, Bengaluru
307.	Dr. M. T. Sanjay	2024	University	Dr.R.Dwarakinath Best paper awarded during during Krishimela-2024 held at UAS, GKVK, Bengaluru
308.	Dr. Jadesha G	2024	University	Best oral presentation, UAS, Bengaluru
309.	Dr. D. Shobha	2024	University	Prof. B.V Venkatarao award, UAS, Bengaluru
310.	Dr. D. V. Naveen	2024	University	Certificate of Merit award, University of Agricultural Sciences (B)
311.	Dr. Mahesh, M.	2024	University	Received Best Poster Presentation Award, University of Agricultural Sciences (B)
312.	Dr. Mahesh, M.	2024	University	Certificate of Merit award, University of Agricultural Sciences (B)
313.	Dr. Nethrayini, K. R.	2024	University	Best poster presentation award, University of Agricultural Sciences (B)
314.	Dr. S. B. Yogananda	2024	University	Certificate of merit for the project "Performance evaluation of biofertilizers and bio stimulants on growth and yield of major crops in Cauvery Command Area" Funded by M/s. INERA Crop Science Pvt.Ltd.,Haryana with a project outlay of Rs.14.00 lakhs on the occasion of foundation day of the University on 1st October, 2024
315.	Dr. S. B. Yogananda	2024	University	Certificate of merit for the project "Influence of bio-stimulants on growth and yield of selected crops" Funded by M/s IIL Biologicals Limited, Delhi with a Project outlay of Rs. 6.80 lakhs on the occasion of foundation day of the university on 1st October, 2024.

Sl No.	Name of the faculty	Year of award	Status of award	Name of the award and awarding agency
316.	Dr. Suma R.	2024	University	Incentive award for mobilizing external funded project "Case study on Impact of Bagasse Fly Ash on Crops Near Vicinity of Coromandel Sugar Limited, Mandya, Karnataka" worth 14.89 Lakh rupees during 59th foundation day UASB
317.	Dr. Kamalabai Koodagi	2024	University	Certificate of Merit by University of Agricultural Sciences, Bangalore
318.	Dr. AtheefaMunawery	2024	University	Certificate of merit, University of Agricultural Sciences, Bangalore
319.	Dr. Divya B.	2024	University	Incentive award by University of Agriculture sciences, Bangalore
320.	Dr. Anand S. R.	2025	University	during 60h Foundation Day held on 9th October 2025 at UAS, GKVK, Bengaluru
321.	Dr. T. K. Nagarathna	2025		Best Oilseed stall award during Krishimela-2025 held from 13th to 16th November at UAS, GKVK, Bengaluru
322.	Dr. Vijayakumar K. T.	2025	University	Best Demonstration award during Krishimela-2025 held from 13th to 16th November at UAS, GKVK, Bengaluru
323.	Dr. Kavitha T. R.	2025	University	Best Poster Presentation awarded during PG Students Symposium organized by the Directorate of Post Graduate Studies from 11th to 14th August 2025 at UAS, GKVK, Bengaluru
324.	Dr. Vishwanath K.	2025	University	Mega Seed project awarded by UAS, Bangalore during 60h Foundation Day held on 9th October 2025 at UAS, GKVK, Bengaluru
325.	Dr. Vishwanath K.	2025	University	All India Coordinated Research Project on Seed (Crops), UAS, GKVK, Bengaluru was conferred the Seed Education & Capacity building award by The India–Africa Seed Summit 2025 Organized by the Indian Chamber of Food and Agriculture (ICFA) held from 11th to 13th September 2025 at Hyderabad
326.	Dr. Vishwanath K.	2025	University	Special Stall award for AICRP on Seed (Crops) during Krishimela 2025 held from 13th to 16th November at UAS, GKVK, Bengaluru
327.	Dr. Nandini	2025	University	Best Field Demo Plot Award by UAS Bangalore during Krishimela-2025 held at UAS, GKVK, Bengaluru
328.	Dr. Hanumanthappa D. C.	2025	University	Best Agroforestry-based Integrated Farming System Demonstration during Krishimela-2025 held at UAS, GKVK,

Sl No.	Name of the faculty	Year of award	Status of award	Name of the award and awarding agency
				Bengaluru
329.	Dr. Hanumanthappa D. C.	2025	International	Best Oral Presentation awarded during 6th International Conference on Eco-innovation and sustainable development: A global perspective organized by Gochar Educational and Welfare Society, Saharanpur (U.P.) held from 26th to 30th November 2025 at Vietnam
330.	Dr. Hanumanthappa D. C.	2025	University	Certificate of Merit (Revolving fund on Animal Husbandry, Vermicompost, Production and Nursery at IFS Demo Unit) at UAS, GKVK, Bengaluru during 60th Foundation Day held on 9th October 2025 at UAS, GKVK, Bengaluru
331.	Dr. Lohithaswa H. C.	2025	University	Best demonstration Plot award during Krishimela-2025 held from 13th to 16th November at UAS, GKVK, Bengaluru
332.	Dr. H. M. Atheek Ur Rehman	2025	University	Certificate of Merit awarded for bringing external funded project from M/S IFFCO, Bengaluru during 58th Foundation Day held on 11th October 2023 at UAS, GKVK, Bengaluru by UAS Bangalore during 60thFoundation of the University of Agricultural Sciences, Bangalore
333.	Dr. M. R. Anand	2025	University	Certificate of Merit awarded for bringing external funded project from M/S IFFCO, Bengaluru during 58th Foundation Day held on 11th October 2023 at UAS, GKVK, Bengaluru by UAS Bangalore during 60th Foundation of the University of Agricultural Sciences, Bangalore
334.	Dr. H. K. Pankaja	2025	University	Certificate of Merit, UAS, Bengaluru
335.	Dr. Roopa B. Patil	2025	University	Best oral presentation, UAS, Bengaluru
336.	Dr. H. B. Mahesh	2025	University	Divya Chethana Shri. S. M. Krishna Young Agricultural Scientist Award, UAS, GKVK, Bengaluru
337.	Dr. Divya B.	2025	University	Incentive award by University of Agriculture sciences, Bangalore
338.	Dr. Muthuraju R.	2021	Others	ESDA Green leadership award, Environment and Social Development Association (ESDA), Delhi
339.	Dr. Ananda Manegar G.	2021	Others	Best KVK Scientist Award, ATDS for outstanding contribution in the field of Animal Science
340.	Dr. Manjula C. P.	2021	Others	Best Oral Presentation Award, Karnataka Science Congress, Bengaluru
341.	Dr. Shobha D.	2021	Others	Best Article Award, Agriculture and Food: e-Newsletter

Sl No.	Name of the faculty	Year of award	Status of award	Name of the award and awarding agency
342.	Dr. Nagesha S. N.	2021	Others	International Scientist Awards, VDGOOD Technology Factory, Hyderabad, India
343.	Dr. Parashivamurthy	2022	Others	Best Teacher Award, Glacier Journal Research Foundation Global Management Council, Ahmedabad
344.	Dr. Sowmya, K. J.	2022	Others	Adarsh Vidya Saraswati Rashtriya Puraskar, Glacier Journal Research Foundation Global Management Council, Ahmedabad
345.	Miss. Pallavi C. R.	2022	Others	Young Researcher Award, ISAHRD, Chandigarh
346.	Dr. V. Govinda Gowda	2022	Others	Certificate of Excellence in Peer Reviewing, Journal of Basic and Applied Research International
347.	Dr. V. Govinda Gowda	2022	Others	Certificate of Excellence in Peer Reviewing, South Asian Journal of Social Studies and Economics
348.	Dr. V. Govinda Gowda	2022	Others	Certificate of Excellence in Peer Reviewing, Asian Journal of Agricultural Extension, Economics and Sociology
349.	Dr. V. Govinda Gowda	2022	Others	Certificate of Excellence in Peer Reviewing, International Journal of Plant and Soil Science
350.	Dr. V. Govinda Gowda	2022	Others	Certificate of Excellence in Peer Reviewing, Asian Journal of Environment and Ecology
351.	Dr. V. Govinda Gowda	2022	Others	Certificate of Excellence in Peer Reviewing, Asian Journal of Advances in Agricultural Research
352.	Dr. Ramegowda, H.	2022	Others	Ramanujan fellowship Award, SERB
353.	Dr. Sukanya T. S.	2022	Others	Best Oral Presentation Award, Tamil Nadu Agricultural University, Coimbatore
354.	Dr. S.N. Swamy Gowda	2022	others	Significant Contribution of Crop Improvement in Sugarcane (Varietal) by Ragi Lakshmanaiah Smaraka Samiti, Mandya
355.	Dr. Manjula C. P.	2023	Others	Best poster presentation award, Sharda University
356.	Dr. K. T. Vijayakumar	2024	Others	Rising Star Environmentalist Award-2024 by Abraham Verghese Insect and Nature Trust, Bengaluru on 21st December, 2024
357.	Dr. Radha B. N.	2024	Others	Young Research Leadership Award, Agri Amigos Pvt. and Prosper Foundation, Tamil Nadu
358.	Dr. D. Shobha	2024	Others	Best Paper Award, Jain University, Bengaluru
359.	Dr. Anitha S.	2025	others	Young women Scientist Award, Society of Agricultural Research, Applied Technology and Environmental Science India

Award received for the centres during the reporting period

Sl. No.	Name of centre	Year of award	Status of award	Name of the award and awarding agency
1.	AICRP on Dryland Agriculture	2021	National	Chaudhary Devi Lal Outstanding All India Coordinated Research Project Award for Best Coordinating Centre among 31 centres across the country with a cash prize of Rs. One lakh.
2.	AICRP on Forage Crops and Utilization	2021	National	Certificate of Appreciation towards development of technology - Perennial grass based cropping system involving Bajra Napier Hybrid grass with *Sesbeniagrandifolia* in Forage Crop Production from ICAR- Indian Grassland and Fodder Research Institute (IGFRI), Jhansi during National Group Meet on Forage crops and utilization Kharif-2021
3.	AICRP on Forage Crops and Utilization	2021	National	Certificate of Appreciation towards development of technology Agase Intercropping with BxN Hybrid or Perennial Sorghum in Forage Crop Production from ICAR- Indian Grassland and Fodder Research Institute (IGFRI), Jhansi during National Group Meet on Forage crops and utilization Kharif-2021
4.	CoA, Hassan	2021	State	Best NSS Unit State award from Youth Empowerment and Sports Department, NSS Scheme Cell, Govt. Of Karnataka.
5.	Krishi Vigyan Kendra, Chikkaballapura	2021	University	Best stall award in Krishimela held at UAS, Bangalore
6.	ARS, Arsikere	2021	University	Certificate of Merit as a Leader for Seed Production and Best Net Income Generation in Seed Production for the year 2021–22 by UAS, Bengaluru.
7.	AICRP on Small Millets, GKVK	2022	National	Best performing AICRP Centre Award for overall performance during the period 2021-22 by AICRP on Small Millets and ICAR-Indian Institute of Millets Research, Hyderabad – awarded during Annual group meeting of AICRP on sorghum and Small millets held during 28th-29th, April, 2022 at IIMR, Hyderabad
8.	AICRP on Forage crops and Utilization	2022	National	Certificate of appreciation for contribution towards development of technology 'Top feed based cropping system' awarded during National group meeting – Kharif of AICRP on Forage crops and Utilization, on

				13-14th, June, 2022 organised by ICAR-Indian grassland and fodder research Institute, Jhansi at Sher-e-Kashmir University of Agricultural Science and Technology of Kashmir, Srinagar.
9.	AICRP on Forage crops and Utilization	2022	National	Forage garden established at Mandya centre bagged first rank from ICAR- Indian grassland and fodder research Institute, Jhansi during National group meeting Rabi-2022 held on 26th September, 2022.
10.	AICRP on Honeybees and Pollinators	2022	National	Best TSP Centre award- First place for outstanding extension carried out under Tribal sub plan during 2021-22. In the Annual Group Meeting held atSher-e-Kashmir University of Agricultural Sciences and Technology, Jammu on 8-9th September, 2022
11.	AICRP on Seeds	2022	National	Certificate of appreciation for technology development for having contributed in the development of technology entitled "Integrated approach for enhancing the seed yield and quality in millets" during 36th Annual group meeting of AICRP on seeds (Crops), 2021 organised virtually by ICAR- Indian institute of seed science, Mau on 12th May, 2022
12.	AICRP On Small Millets, V.C Farm, Mandya	2022	University	Small Millet stall exhibitor award during Krishimela -2022
13.	AICRP on Post -harvest Engineering and Technology	2023	National	Third Best centre of the Year 2022-23 award by ICAR-Central Institute of Post-Harvest Engineering and Technology, Ludhiana in 38th, Annual workshop of AICRP on PHET held at ICAR-CPCRI, Kasaragod during 20-22, February, 2023
14.	AICRP on Dryland Agriculture	2023	State	Best Book Award for the book 'Integrated farming systems' in Kannada Under Agriculture division from Karnataka science and technology academy, Department of Science and Technology, GoK on 17.03.2023
15.	AICRP on Weed Management	2023	National	Best Centre award for AICRP on Weed management for the year 2022-23 by the ICAR -Directorate of Weed Research, Jabalpur in the 30th Annual Review Meeting of AICRP on Weed Management held at Sher-e-Kashmir University of Agricultural Sciences and Technology, Jammu during 26 and 27th, May 2023

16.	AICRP on Sunflower	2023	National	Best AICRP - Oilseeds Centre award by the Quinquennial Team by the ICAR to review ICAR-IIOR and AICRP on oilseeds for the five years (2017-2021) in the Annual Kharif Oilseeds group meet (Castor, Sunflower, Sesame & Niger) held at Agricultural University, Mandor, Jodhpur, Rajasthan from 31st May to 3rd, June 2023
17.	AICRP on Forage crops and Utilization	2023	National	Certificate of Appreciation for the contribution towards development of the technology, "Plant growth regulators and Micronutrients for yield and quality improvement of fodder crops in Karnataka" during National Group Meet Rabi-2023 organised by ICAR- AICRP on Forage Crops and Utilization, Jhansi, Uttar Pradesh
18.	AICRP on Forage crops and Utilization	2023	National	Certificate of Appreciation for the contribution towards development of the technology, "Fodder productivity of Moringa" during National Group Meet Rabi-2023 organised by ICAR- AICRP on Forage Crops and Utilization, Jhansi, Uttar Pradesh
19.	AICRP on Forage crops and Utilization	2023	National	Certificate of Appreciation for the contribution towards development of the technology, "Precision Nitrogen Management in Fodder Maize" during National Group Meet Rabi-2023 organised by ICAR- AICRP on Forage Crops and Utilization, Jhansi, Uttar Pradesh
20.	AICRP on Micro and Secondary Nutrients and Pollutant Elements in Soils and Plants	2023	National	Certificate of Appreciation for completion of delineation work of Karnataka State during the XXIX Biennial workshop of AICRP on Micro and Secondary Nutrients and Pollutant Elements in Soils and Plants held at Orissa University of Agriculture and Technology, Bhubaneswar during June 23-25.2023 organised by Orissa University of Agriculture and Technology, Bhubaneswar and ICAR-Indian Institute of Soil Science, Bhopal
21.	AICRP (FIM), V.C Farm, Mandya	2023	University	During Krishimela held at V.C. Farm, Mandya from 04-12-2023 to 05-12-2023 1. Received best technology display award for displaying the improved farm implements and machinery at stall 2. Received best AICRP centre award for

				demonstrating improved farm implements and machinery at demo plot by University of Agricultural Sciences, Bangalore
22.	AICRP on Maize, V.C Farm, Mandya	2023	University	Received Best Exhibition Stall award in Krishimela-2023 held at University of Agricultural Science, G.K.V.K, Bengaluru on 17th to 20th November -2023.
23.	AICRP on Maize, V.C Farm, Mandya	2023	University	Received Best Field Demonstration in Krishimela-2023 held at University of Agricultural Science, G.K.V.K, Bengaluru on 17th to 20th November -2023.
24.	AICRP on Maize	2023	University	Received second Best Exhibition Stall in Krishimela-2023 held at ZARS, VC Farm, Mandya on 4th and 5th December-2023.
25.	AICRP on Honeybees and Pollinators	2023	National	Best Presenting Centre during Annual Group Meeting of AICRP on Honey bees and Pollinators held during 4th to 6th September 2023, at UAS, Bangalore.
26.	Krishi Vigyan Kendra, Chikkaballapura	2023	University	Best stall award in Krishimela-2023 held at University of Agricultural Sciences, Bangalore
27.	Krishi Vigyan Kendra, Mandya	2023	University	Best stall award in Krishimela-2023 held at University of Agricultural Sciences, Bangalore
28.	Krishi Vigyan Kendra, Chikkaballapura	2023	Society	Best stall award by ISEE, Conference, held at UAS, Bangalore
29.	AICRP on Seeds	2024	National	Best Centre Award for the year 2023-24 for quality seed production by IISS, Mau at 39th Annual Group meeting of AICRP on Seed (Crops) during 2nd &3rd May, 2024
30.	AICRP on Forage crops and Utilization	2024	National	Certificate of Appreciation for developing the technology "Organic nutrient management in fodder Cowpea-Maize cropping system under irrigated situation" by ICAR-Indian Grassland and Fodder Research Institute, Jhansi at National group Meet-2024
31.	AICRP on Forage crops and Utilization	2024	National	Certificate of Appreciation for Forage Garden established by them as "Golden Jubilee Forage Garden" by ICAR-Indian Grassland and Fodder Research Institute, Jhansi at National group Meet-2024
32.	AICRP on Post -harvest Engineering and Technology	2024	National	Best centre of the Year 2024-25 Award by ICAR-Central Institute of Post-harvest Engineering Technology, Ludhiana at 40th Annual workshop of AICRP on PHET held

				at Assam Agricultural University, Jorhat from 20-22 November, 2024
33.	Krishi Vigyan Kendra, Mandya	2024	University	Best stall award in Krishimela-2024 held at University of Agricultural Sciences, Bangalore
34.	AICRP (FIM), V.C Farm, Mandya	2024	University	Best technology display award for displaying the improved farm implements and machinery at stall by University of Agricultural Sciences, Bangalore
35.	AICRP on Maize	2024	University	Received second Best Exhibition Stall in Krishimela-2024 held at ZARS, VC Farm, Mandya on 26th and 27th November-2024
36.	AICRP on Maize	2024	University	Received Best Field Demonstration in Krishimela-2024 held at ZARS, VC Farm, Mandya on 26th and 27th November-2024
37.	AICRP on Dryland Agriculture	2025	National	Outstanding Interdisciplinary Team: Dr. Gajjala Ravindra Chary Award' for the year 2024 by Indian Society of Dryland Agriculture held at CRIDA, Hyderabad during 2nd International Conference on Rainfed Agriculture: Building for Resilience & Sustainable Livelihoods held from 29-31 January, 2025
38.	Centre of Excellence on Nutri-cereals	2025	National	Third prize in the category" research institutes" by Jaivik India Awards supported by APEDA during 5th Jaivik India awards held at Bengaluru on 22.01.2025.
39.	AICRP on Sunflower	2025	National	Best Centre Award for the year 2024-25 by ICAR-IIOR, at Annual Group Meeting of Oilseeds on 24.05.2025
40.	AICRP on Agri. Acarology	2025	National	Best Performing Centre Award for the year 2024-25 by ICAR-All India Network Project on Agricultural Acarology during 21st Annual Group Meeting during 3rd and 4th July, 2025
41.	AICRP on Seed (Crops)	2025	National	Seed Business Award for the year 2025 for seed education and capacity building by Indian Chamber of Food and Agriculture, New Delhi
42.	AICRP on Agrometeorology	2025	National	Best Performing Centre Award during the Annual Working Group Meeting of AICRPAM held at PAU, Ludhiana, from 27–30 November 2025
43.	Krishi Vigyan Kendra, Mandya	2025	University	Best stall award in Krishimela-2025 held at University of Agricultural Sciences, Bangalore

44.	AICRP On Small Millets, V.C Farm, Mandya	2025	University	Best Stall Award in Krishimela-2025, by UAS, Mandya
45.	AICRP On Small Millets, V.C Farm, Mandya	2025	University	Best Demo Plots in Krishi mela-2025, by UAS, Mandya
46.	AICRP(FIM), V.C Farm, Mandya	2025-26	University	Awarded with Best technology display award for displaying the improved farm implements and machinery under special category by University of Agricultural Sciences, Mandya
47.	AICRP on Maize	2025-26	University	Received second "Best Field Demonstration" in Krishimela-2025 held at ZARS, VC Farm, Mandya on 5th and 7th December-2025

Awards received by the University during the reporting period

Sl. No.	Name of the centre	Year of award	Status of award	Name of the award and awarding agency
1	University	2021	National	ICAR-PG Scholarship award (2020-21)(First Position) under Agricultural Sciences and Engineering & Technology groups on September 2021.
2	University	2021	National	Brand Promising University Award from ATAL Ranking Innovation Institutes
3	University	2021	National	Excellence in Course and Curriculum Design Award & Organic Farming Training Programme Award from Agriculture Today, The National Agricultural Magazine
4	University	2022	National	ICAR- PG Scholarshipaward (2021-22) (Second Position) under Agricultural Sciences and Engineering & Technology groups on April 2022.
5	University	2022	National	UAS, Bangalore has achieved sixth rank among all Farm Universities ranked by ICAR, New Delhi during 2022
6	University	2023	National	UAS, Bangalore bagged 11th Rank under Agriculture and allied sector category and 90th Rank under All India Universities category in the India rankings-2023 bestowed by NIRF, Ministry of Education, Government of India.
7	University	2024	National	UAS, Bangalore bagged the National Level Best State 'DAESI Award 2024' by MANAGE, Hyderabad on 22nd February, 2024.
8	University	2024	National	UAS, Bangalore is accredited with A+ from National Assessment and Accreditation Council (NAAC)

Sl. No.	Name of the centre	Year of award	Status of award	Name of the award and awarding agency
9	University	2024	National	UAS, Bangalore was awarded State Level NSS Best University Award for the year 2022-23 held at Raj Bhavan on 17th March, 2024.
10	University	2024	National	UAS, Bangalore is one among the seven Farm Universities in the Country (out of 76 Farm Universities) to receive the prestigious ASEAN India Fellowship programme for Higher Education in Agriculture and Allied Sciences.
11	University	2025	National	UAS, Bangalore bagged 11th Rank under Agriculture and allied sector category, 95th Rank under All India Universities category and 37th rank under State Public University category in the India rankings-2025 by NIRF, Ministry of Education, Government of India.

6.6.5.4. Capacity Building and Training

From 2021-22 to 2025–26, faculty organized a wide range of training programmes covering, skill development, agri-business innovation, advanced software applications, coaching classes, and farmer-oriented programmes. In total, these included multiple programmes for faculty, supporting staff, students, and farmers/others, reflecting a strong focus on both academic enrichment and farmer empowerment. The year-wise abstract of training activities is presented below.

Sl. No.	Year	Training focus	No. of programmes organised for			
			Faculty	Supporting Staff	Students	Farmers/ youths
1	2021-22	Abilities	05	01	03	128
		Awareness	04	03	-	172
		Processes	07	-	02	35
		Resources	09	-	04	124
		Skills	10	2	-	189
		Subsidiary activities (Fisheries, sheep, goat rearing, bee-keeping, poultry, nursery etc.)	07	01	-	204
		Sub-Total	**42**	**07**	**09**	**852**
2	2022-23	Abilities	-	01	-	122
		Awareness	03	03	-	199
		Processes	06	-	-	27
		Resources	06	02	-	66
		Skills	14		-	257

		Subsidiary activities (Fisheries, sheep, goat rearing, bee-keeping, poultry, nursery etc.)	03	-	-	146
		Sub-Total	**32**	**06**	**00**	**817**
3	2023-24	Abilities	12	-	02	143
		Awareness	9	02	-	367
		Processes	16	-	03	51
		Resources	16	01	05	110
		Skills	17	03	08	284
		Subsidiary activities (Fisheries, sheep, goat rearing, bee-keeping, poultry, nursery etc.)	07	-	-	215
		Sub-Total	**77**	**06**	**18**	**1170**
4	2024-25	Abilities	14	-	02	159
		Awareness	12	-	05	276
		Processes	05	-	-	58
		Resources	04	-	-	79
		Skills	09	01	11	318
		Subsidiary activities (Fisheries, sheep, goat rearing, bee-keeping, poultry, nursery etc.)	05	-	-	232
		Sub-Total	**49**	**01**	**18**	**1122**
5	2025-26	Abilities	03	-	01	151
		Awareness	08	02	01	294
		Processes	04	-	-	75
		Resources	07	-	-	96
		Skills	11	02	04	333
		Subsidiary activities (Fisheries, sheep, goat rearing, bee-keeping, poultry, nursery etc.)	02	-	-	236
		Sub-Total	**35**	**04**	**06**	**1185**
		Total	**235**	**24**	**51**	**5146**

Note: Others indicates training programmes for Farmers and youths

6.6.6 Students development

Teaching being one of the main objectives, the University of Agricultural Sciences, Bangalore aims to ensure a conducive and enriching learning environment across its teaching campuses, by organizes a wide range of student development activities. These programs, along with the facilities provided, contribute significantly to the holistic growth of students-academically, professionally, and personally. The various student development initiatives offered by the university are outlined below.

6.6.6.1 Scholarships / Stipend

The students of the University of Agricultural Sciences, Bangalore have consistently succeeded in securing various scholarships of national and international repute. At present, a large number of students in the university receive financial assistance through scholarships funded by both the State and Central Governments. These scholarships help support students in meeting their educational expenses and encourage them to pursue their studies with dedication. In addition to scholarships obtained from external agencies, the university also offers several scholarships and financial assistance schemes to meritorious and deserving students. These initiatives aim to recognize academic excellence and provide financial support to students from different backgrounds. The details of the scholarships offered are furnished below.

Details of competitive scholarships/fellowships: College of Agriculture, GKVK

Year	Name of the competitive scholarships / fellowships	No. of students received competitive scholarships / fellowships		No. of passed out students selected for scholarships / fellowships in other Universities (JRF/JNAU)	
		B.Sc. (Hons.) Agri.	B.Sc. (Hons.)ABM	B.Sc. (Hons.) Agri.	B.Sc. (Hons.) ABM
2021-22	ICAR NTS scholarship	168	-	17	11
	UAS(B) merit scholarship	8	4	-	-
	Vidyasiri, fee concession, food &accommodation (BCM)	510	144	-	-
	Raitha Vidyanidhi	470	121	-	-
	GoI scholarship for SC/ST students	161	35	-	-
	International sponsor scholarships	-	-	-	-
	If any others	82	9	-	-
2022-23	ICAR NTS scholarship	170	-	22	08
	UAS(B) merit scholarship	8	6	-	-
	Vidyasiri, fee concession, food &accommodation (BCM)	617	145	-	-

	Raitha Vidyanidhi	410	110	-	-
	GoI scholarship for SC/ST students	177	39	-	-
	International sponsor scholarships	-	-	-	-
	If any others	83	-	-	-
2023-24	ICAR NTS scholarship	160	-	26	13
	UAS(B) merit scholarship	8	8	-	-
	Vidyasiri, fee concession, food &accommodation (BCM)	592	162	-	-
	Raitha Vidyanidhi	-	-	-	-
	GoI scholarship for SC/ST students	199	39	-	-
	International sponsor scholarships	-	-	-	-
	If any others	28	4	-	-
2024-25	ICAR NTS scholarship	140	-	27	-
	UAS(B) merit scholarship	8	8	-	-
	Vidyasiri, fee concession, food &accommodation (BCM)	-	76	-	-
	Raitha Vidyanidhi	2	1	-	-
	GoI scholarship for SC/ST students	181	38	-	-
	International sponsor scholarships (LDF)	10	-	-	-
	If any others	32	-		
2025-26	ICAR NTS scholarship	182	-	20	-
	UAS(B) merit scholarship	8	8	-	-
	Vidyasiri, fee concession, food &accommodation (BCM)	243	61	-	-

	Raitha Vidyanidhi	-	-	-	-
	GoI scholarship for SC/ST students	121	24	-	-
	International sponsor scholarships (LDF)	13	1	-	-
	If any others	1	-	-	-

Details of competitive scholarships/ fellowships: College of Agriculture, Mandya

Sl. No.	Year	Name of the competitive scholarships / fellowships	No. of students received competitive scholarships / fellowships
1	2021-22	Merit /General scholarship	58
		URMS	13
		NTS (UG)	40
		NTS (PG)	2
		JRF	4
		Mansanto (India) Pvt. Ltd.	1
		GOI & Non-GOI (SCSP/TSP)	53
		GOK (SSP)	373
2	2022-23	Merit /General scholarship	54
		URMS	16
		NTS (UG)	34
		NTS (PG)	1
		JRF	5
		Alumini Association	1
		GOI & Non-GOI (SCSP/TSP)	59
		GOK (SSP)	382
3	2023-24	NTS (UG)	38
		NTS (PG)	1
		JRF	4
		Alumini Association	2
		GOI & Non-GOI (SCSP/TSP)	5
		LDF	2
		GOK (SSP)	96
4	2024-25	Merit & General UG	46
		URMS	5
		NTS (UG)	41
		NTS (PG)	4
		JRF	3
		LDF Scholarship	2
5	2025-26	Merit & General UG	4
		URMS	5
		NTS (UG)	42
		NTS (PG)	7
		JRF	3

		LDF	2
		Inspire Fellowship	2

Details of competitive scholarships/fellowships: College of Agricultural Engineering, Bangalore

Year	Name of the competitive scholarships / fellowships	No. of students received competitive scholarships / fellowships	No. of passed out students selected for scholarships / fellowships in other Universities (JRF/JNAU)
		B. Tech. (Agri. Engineering)	B. Tech. (Agri. Engineering)
2021-22	ICAR NTS scholarship	Details provided by CoA, GKVK.	--
	UAS(B) merit scholarship	Details provided by CoA, GKVK.	--
	Vidyasiri, fee concession, food &accommodation (BCM)	Details provided by CoA, GKVK.	--
	RaithaVidyanidhi	Details provided by CoA, GKVK.	--
	GoI scholarship for SC/ST students	Details provided by CoA, GKVK.	--
	International sponsor scholarships	Details provided by CoA, GKVK.	--
	If any others	Details provided by CoA, GKVK.	--
2022-23	ICAR NTS scholarship	37	4
	UAS(B) merit scholarship	8	1
	Vidyasiri, fee concession, food &accommodation (BCM)	36	3
	RaithaVidyanidhi	--	--
	GoI scholarship for SC/ST students	36	--
	International sponsor scholarships	--	--
	If any others	--	--
2023-24	ICAR NTS scholarship	30	9
	UAS(B) merit scholarship	8	--
	Vidyasiri, Fee concession, food &accommodation (BCM)	41	3
	RaithaVidyanidhi	--	--
	GoI scholarship for SC/ST students	41	--

	International sponsor scholarships	2	--
	If any others	--	--
2024-25	ICAR NTS scholarship	30	5
	UAS(B) merit scholarship	7	--
	Vidyasiri, fee concession, food &accommodation (BCM)	47	6
	RaithaVidyanidhi	--	--
	GoI scholarship for SC/ST students	47	--
	International sponsor scholarships	2	--
	If any others	--	--
2025-26	ICAR NTS scholarship	36	--
	UAS(B) merit scholarship	7	--
	Vidyasiri, Fee concession, food &accommodation (BCM)	52	--
	RaithaVidyanidhi	--	--
	GoI scholarship for SC/ST students	52	--
	International sponsor scholarships	01	--
	If any others	--	--

Details of competitive scholarships/fellowships: College of Sericulture, Chintamani

Year	Name of the competitive scholarships / fellowships	No. of students received competitive scholarships / fellowships		No. of passed out students selected for scholarships / fellowships in other Universities (JRF/JNAU)	
		B.Sc. (Hons.) Agri.	B.Sc. (Hons.) Seri.	B.Sc. (Hons.) Agri.	B.Sc. (Hons.) Seri.
2021-22	ICAR NTS scholarship	20	04	04	05
	UAS(B) merit scholarship	53	24	-	-
	Vidyasiri, fee concession, food & accommodation (BCM)	150	61	-	-

Year	Name of the competitive scholarships / fellowships	No. of students received competitive scholarships / fellowships		No. of passed out students selected for scholarships / fellowships in other Universities (JRF/JNAU)	
		B.Sc. (Hons.) Agri.	B.Sc. (Hons.) Seri.	B.Sc. (Hons.) Agri.	B.Sc. (Hons.) Seri.
	Raitha Vidyanidhi	118	53	-	-
	GoI scholarship for SC/ST students	54	13	-	-
	International sponsor scholarships	-	-	-	-
2022-23	ICAR NTS scholarship	20	04	09	03
	UAS(B) merit scholarship	55	24	-	-
	Vidyasiri, fee concession, food & accommodatio (BCM)	206	79	-	-
	Raitha Vidyanidhi	126	50	-	-
	GoI scholarship for SC/ST students	66	15	-	-
	International sponsor scholarships	-	-	-	-
2023-24	ICAR NTS scholarship	16	02	05	03
	UAS(B) merit scholarship	53	24	-	-
	Vidyasiri, fee concession, food & accommodation (BCM)	205	77	-	-
	Raitha Vidyanidhi	-	-	-	-
	GoI scholarship for SC/ST students	65	25	-	-
	International sponsor scholarships	02	02	-	-
2024-25	ICAR NTS scholarship	08	-	05	03
	UAS(B) merit scholarship	39	22	-	-

Year	Name of the competitive scholarships / fellowships	No. of students received competitive scholarships / fellowships		No. of passed out students selected for scholarships / fellowships in other Universities (JRF/JNAU)	
		B.Sc. (Hons.) Agri.	B.Sc. (Hons.) Seri.	B.Sc. (Hons.) Agri.	B.Sc. (Hons.) Seri.
	Vidyasiri, fee concession, food & accommodation (BCM)	95	33	-	-
	Raitha Vidyanidhi	-	-	-	-
	GoI scholarship for SC/ST students	59	25	-	-
	International sponsor scholarships	02	01	-	-
2025-26	ICAR NTS scholarship	09	02	05	03
	UAS(B) merit scholarship	04	02	-	-
	Vidyasiri, fee concession, food & accommodation (BCM)	-	-	-	-
	Raitha Vidyanidhi	-	-	-	-
	GoI scholarship for SC/ST students	-	-	-	-
	International sponsor scholarships	05	01	-	-

Details of competitive scholarships/fellowships: Directorate of Post Graduate Studies, GKVK, Bengaluru

The Central and State Governments provide a wide range of competitive opportunities for postgraduate and doctoral students through numerous financial assistance schemes, including scholarships and research fellowships. These schemes support meritorious students in pursuing advanced studies and research across various disciplines.

Some of the major scholarships and fellowships include: ICAR-JRF/SRF, ICAR-PG scholarships, ICAR-NTS (PG), DBT-JRF, DST-INSPIRE, UGC-CSIR fellowships, UGC-JRF/NFST/NFOBC/NFSC, ICSSR fellowships, DBT-JNU scholarship, full-time Ph.D. scholarship (Government of Karnataka), OBC fellowships, University Resident Merit Scholarships (URMS), Donor scholarships, Vidyasiri scholarship (GoK), and Government of India scholarships

Sl. No.	Name of the scholarship/ fellowship	No. of students received scholarship from State/Central Govt.								
		2021-22		2022-23		2023-24		2024-25		2025-26
		State Govt.	Central Govt.	State Govt.	Central Govt.	State Govt.	Central Govt.	State Govt.	Central Govt.	
1	ICAR-JRF/SRF	-	44	-	32	-	39	-	15	Award of scholarship is under progress
2	ICAR-PG Scholarship	-	50	-	45	-	39	-	30	
3	ICAR-NTS PG	-	45	-	54	-	48	-	45	
4	DBT-HRD (JNU)	-	20	-	28	-	11	-	8	
5	ICSSR	-	2	-	5	-	11	-	13	
6	DST-INSPIRE	-	26	-	20	-	7	-	14	
7	DBT-JRF/SRF	-	3	-	4	-	-	-	3	
8	UGC-NET JRF	-	-	-	-	-	18	-	58	
9	UGC-NFST (for ST students)	-	-	-	-	-	2	-	17	
10	UGC-NFSC (for SC students)	-	-	-	-	-	5	-	22	
11	UGC-NFOBC	-	-	-	-	-	3	-	12	
12	NFDIS	-	-	-	-	-	-	-	7	
13	Savitribai Jyotirao Phule fellowship for single girl child	-	-	-	-	-	2	-	10	
14	URMS	123	-	114	-	102	-	46	-	
15	OBC fee concession, minorities & EWS	425	-	244	-	341	-	288	-	
16	Post matric scholarship for SC/ST students	105	-	100	-	103	-	115	-	
17	SC/ST contingency grants and stipend	83	-	74	-	80	-	129	-	
18	Teaching Assistantship	-	-	-	-	-	-	12	-	

19	Mukhyamanthri Raitha Vidya nidhi and handloom departments	371	-	339	-	-	-	-	-	
Total		**1107**	**190**	**871**	**188**	**626**	**185**	**590**	**254**	

6.6.6.2. Extra and Co-curricular Activities

The co-curricular activities are regularly organized in the institution to promote the overall development of students and to complement their academic learning. These activities provide opportunities for students to enhance their physical fitness, develop leadership qualities, improve teamwork, and build confidence. Participation in such programmes also helps students cultivate a healthy competitive spirit and develop important life skills such as communication, discipline, and time management. Various co-curricular and extracurricular events are conducted throughout the year, encouraging students to actively participate in sports, cultural programmes, literary competitions, and other talent-based activities. These events not only provide a platform for students to showcase their abilities, but also help in nurturing creativity and innovation. The details of the extracurricular and co-curricular events organized during the reporting period are presented below.

Status of extra and co-curricular activities of College of Agriculture, GKVK, Bengaluru

Details of Inter-campus sports events participated by College of Agriculture, GKVK, Bengaluru

Sl. No.	Year	Type of event	Name of the event	Event organised by	Award/medals received in the events
UG students					
1	2021-22	UAS (B) Inter-campus sports and games meet was not conducted due to Covid protocols			
2	2022-23	Inter-campus	Table Tennis (W)	PGS, GKVK from 1st-3rd July, 2022	Winners
		Inter-campus	Ball Badminton (M)	CoA, Hassan from 27th-29thAug., 2022	Winners
		Inter-campus	Volleyball (M)	CoA, UG, GKVK from 9th-11th Sep., 2022	Winners
		Inter-campus	Badminton (M)	CoA, UG, GKVK from 9th-11th Sep., 2022	Winners
		Inter-campus	Chess (W)	CoA, Chamarajanagara from 29th Sep. - 01st Oct., 2022	Winners
		Inter-campus	Athletics (M&W)	CoS, Chintamani from13th-15th Oct., 2022	Winners
		Inter-campus	Table Tennis(M)	PGS, GKVK from 1st-3rd July, 2022	Runners
		Inter-campus	Kabaddi (M)	CoS, Chintamani from18th - 20th Aug., 2022	Runners

		Inter-campus	Basketball (M)	CoA, Hassan from 27th - 29thAug., 2022	Runners
		Inter-campus	Basketball (W)	CoA, Hassan from 27th- 29thAug., 2022	Runners
		Inter-campus	Badminton (W)	CoA, UG, GKVK from 9th-11th Sep., 2022	Runners
3	2023-24	Inter-campus	Kabaddi (M)	CoA, UG, GKVK from 28th- 30th July, 2023	Winners
		Inter-campus	Badminton (M)	PGS, GKVK from 4th - 6th Aug., 2023	Winners
		Inter-campus	Kabaddi (M)	CoA, UG, GKVK from 28th - 30th July, 2023	Winners
		Inter-campus	Ball Badminton(W)	CoS, Chintamani from11th - 13th Aug., 2023	Runners
		Inter-campus	Kho - Kho (M)	CoA, UG, GKVK from 9th - 11th Nov., 2023	Runners
		Inter-campus	Chess (M)	CoA, Chamarajanagara from 28th - 30th Oct., 2023	Runners
		Inter-campus	Table Tennis(M)	CoA, UG, GKVK from 28th - 30th July, 2023	Runners
		Inter-campus	Table Tennis (W)		Runners
		Inter-campus	Athletics (M&W)	CoA, Mandya from 28th - 30th Dec., 2023	Runners
4	2024-25	Inter-campus	Badminton (W)	CoA, UG, GKVK from 28th - 30th Sep., 2024	Winners
		Inter-campus	Badminton (M)		Winners
		Inter-campus	Volleyball (M)	CoS, Chintamani from8th - 10th Oct., 2024	Winners
		Inter-campus	Kabaddi (M)	CoA, Mandya from 25th - 27th Oct., 2024	Winners
		Inter-campus	Kabaddi (W)		Winners
		Inter-campus	Chess (M)	CoA, Chamarajanagara from 3rd - 5th Jan., 2025	Winners
		Inter-campus	Athletics (M&W)	CoA, UG, GKVK from 17th- 19th Jan., 2025	Winners
		Inter-campus	Football (M)	PGS, GKVK from 23rd-25th Aug., 2024	Runners
		Inter-campus	Basketball (M)	CoAE, GKVK from 22nd-24th Nov., 2024	Runners
		Inter-campus	Kho - Kho (M)	CoA, Hassan from 8th-10th Nov., 2024	Runners
		Inter-campus	Table Tennis (M)		Runners
		Inter-campus	Table Tennis (W)		Runners
5	2025-26	Inter-campus	Badminton (W)	CoS, Chintamani from16th - 18th Aug., 2025	Winners
		Inter-campus	Chess (M)	CoA, Adhichunchangiri 13th- 15th Dec., 2025	Winners
		Inter-campus	Chess (W)		Winners
		Inter-campus	Volleyball (W)	CoA, UG, GKVK from 26th - 28th Sep., 2025	Winners

		Inter-campus	Table Tennis (W)	PGS, GKVK from 16th-18th Oct., 2025	Winners
		Inter-campus	Kabaddi (W)	CoAE, GKVK from 30th Oct.-1st Nov., 2025	Winners
		Inter-campus	Football (M)	CoS, Chintamani from16th - 18th Aug., 2025	Runners
		Inter-campus	Ball Badminton (M)		Runners
		Inter-campus	Table Tennis (M)	PGS, GKVK from 16th-18th Oct., 2025	Runners
		Inter-campus	Kabaddi (M)	CoAE, GKVK from 30th Oct.-1st Nov., 2025	Runners
		Inter-campus	Badminton (M)		Runners
		Inter-campus	Kho - Kho (M)	CoAE, GKVK from 5th-7th Dec., 2025	Runners
PG students					
1	2021-22	UAS (B) Inter-campus sports and games meet was not conducted due to Covid protocols			
2	2022-23	Inter-campus	Basketball (W)	CoA, Hassan from 27th-29th Aug., 2022	Winners
		Inter-campus	Kho Kho (M)	PGS, GKVK from 1st-3rd July, 2022	Winners
		Inter-campus	Table Tennis (M)		Winners
		Inter-campus	Basketball (M)	CoA, Hassan from 27th-29th Aug., 2022	Winners
		Inter-campus	Ball Badminton (W)	CoA, Hassan from 27th-29th Aug., 2022	Winners
		Inter-campus	Volleyball (W)	CoA, UG, GKVK from 9th-11th Sep., 2022	Winners
		Inter-campus	Football (M)	CoA, Mandya from 22nd-24th Sep., 2022	Winners
		Inter-campus	Chess (M)	CoA, Chamarajanagara from 29th Sep., - 1st Oct., 2022	Winners
		Inter-campus	Kho Kho (W)	PGS, GKVK from 1st-3rd July, 2022	Runners
		Inter-campus	Cricket (M)	CoA, UG, GKVK from 24th-26th June, 2022	Runners
		Inter-campus	Ball Badminton (M)	CoA, Hassan from 27th-29th Aug., 2022	Runners
3	2023-24	Inter-campus	Table Tennis (M)	CoA, UG, GKVK from 28th-30th July, 2023	Winners
		Inter-campus	Cricket (M)	PGS, GKVK from 4th-6th Aug., 2023	Winners
		Inter-campus	Volleyball (W)	CoA, Hassan from 9th-11th Dec., 2023	Winners
		Inter-campus	Basketball (W)	CoA, Mandya from 2nd - 4th Dec., 2023	Winners

		Inter-campus	Football (M)	CoS, Chintamani 11th - 13thAug., 2023	Runners
		Inter-campus	Basketball (M)	CoA, Mandya from 2nd - 4th Dec., 2023	Runners
4	2024-25	Inter-campus	Football (M)	PGS, GKVK from 23rd - 25th Aug., 2024	Winners
		Inter-campus	Basketball (W)	CoAE, GKVK from 22nd–24thNov., 2024	Winners
		Inter-campus	Table Tennis (M)	CoA, Hassan from 8th - 10th Nov., 2024	Winners
		Inter-campus	Cricket (M)	CoA, UG, GKVK from 28th-30th Sep., 2024	Winners
		Inter-campus	Ball Badminton (M)	PGS, GKVK from 23rd-25th Aug., 2024	Runners
5	2025-26	Inter-campus	Volleyball (M)	CoA, UG, GKVK from 26th-28th Sep., 2025	Winners
		Inter-campus	Cricket (M)	PGS, GKVK from 16th-18th Oct., 2025	Winners
		Inter-campus	Table Tennis (M)	PGS, GKVK from 16th-18th Oct., 2025	Winners
		Inter-campus	Badminton (M)	CoS, Chintamani from16th-18th Aug., 2025	Winners
		Inter-campus	Table Tennis (W)	PGS, GKVK from 16th-18th Oct., 2025	Runners
		Inter-campus	Badminton (W)	CoAE, GKVK from 30th Oct - 1st Nov., 2025	Runners

Details of sports events participated by College of Agriculture, GKVK, Bangalore

Sl. No.	Type of event	Name of the event	Event participated	Award/medals received in the events
2021-22				
1	**All India Inter-University**	Epee (W) event	Guru Nanak Dev University, Amritsar held on 1st July, 2022	8th rank
2	**All India Inter-University**	Epee (W) event	Guru Nanak Dev University, Amritsar held on 1st July, 2022	8th rank
3	**UASB Inter-campus**	**UASB Inter-ampus sports and games meet was not conducted due to Covid protocols**		

2022-23				
1	**Khelo India University Games**	Fencing (W)	Lucknow, Uttar Pradesh 25th May - 3rd June, 2023	Participated
2	**ICAR Agri-sports and games meet**	Volleyball (M)	XXI All India Inter-Agri. Universities sports and games meet held at CCHSAU, Hisar, Haryana from 20th - 24th Feb., 2023	7-Gold medals
		Basketball (W)		6-Gold medals
		Badminton (M)		3- Gold medals
		400 mtr. (W)		1-Gold medal
		4 x 100 mtr.,relay (W)		4-Silver medals
		4 x 400 mtr.,mixed relay		4-Silver medals
		4 x 400 mtr.,relay (W)		4-Bronze medals
		400 mtr.,hurdles (W)		1-Bronze medal
3	**AIU/South Zone Inter - University tournaments**	Fencing (W)	University of Jammu, from 20th - 23rd Dec., 2022	Bronze medal
		Badminton (W)	Jain University, Vaderahalli, Bangalore from 21st - 24th Nov., 2022	Participated
		Badminton (M)	Jain University, Vaderahalli, Bangalore from 27th - 30th November, 2022	Participated
		Kabaddi (M)	Bangalore City University, Bangalore from 7th - 9th Dec., 2022	Participated
		Chess (W)	REVA University, Bangalore	Participated
		Kabaddi (W)	AMET University, East Coast Road, Kanathur, Chennai	Participated
		Football (M)	University of Calicut, Kerala from 21st - 24th Dec., 2022	Participated
		Volleyball (M)	SRM Institute of Science and Technology, SRM Nagar, Kattankulathur, T.N., from 23rd - 27th Dec., 2022	Participated
		Volleyball (W)	MG University, Kottayam, Kerala	Participated
		Basketball (M)	SRM Institute of Science and Technology SRM Nagar, Kattankulathur, T.N., from 27th - 31st Dec., 2022	Participated

		Basketball (W)	University of Madras, Chetpet, Chennai from 4th - 8th Jan., 2023	Reached pre-quarter final
		Table Tennis (M)	CHRIST (Deemed to be University) Bengaluru 2nd - 5th Jan., 2023	Participated
		Kho-Kho (M)	Jawaharlal Nehru Technology University, Kakinada (A.P.) from 9th - 12th Jan., 2023	Entered 3rd round
		Ball Badminton (M)	Mangalore University, Mangalore from 13th - 17th Jan., 2023	Participated
		Kho-Kho (W)	Allinace University, Central Campus, Chikkahadge Cross, Chandrapura, Anekal Main Road, Bengaluru 23rd - 26th Jan., 2023	Participated
		Cricket (M)	REVA University, Bangalore 20th Feb. - 03rd March, 2023	Participated
		Chess (M)	SRM Institute of Science & Technology, SRM Nagar, Kattankulathur, T. N. 10th - 12th March, 2023	Participated
		Shooting (W)	Swami Vivekanand Subharti University, Meerut, Uttar Pradesh 05th - 09th April, 2023	Participated
4	**UAS (B) Inter-campus**	Table Tennis (W)	PGS, GKVK from 1st -3rd July, 2022	Winners
		Ball Badminton (M)	CoA, UG, GKVK	Winners
		Volleyball (M)	CoA, UG, GKVK from 9th - 11th Sep., 2022	Winners
		Badminton (M)	CoA, UG, GKVK from 9th - 11th Sep., 2022	Winners
		Chess (W)	CoA, Chamarajanagara from 29th Sep. - 1st Oct., 2022	Winners
		Athletics (M&W)	CoS, Chintamani from 13th - 15th Oct., 2022	Winners
		Table Tennis (M)	PGS, GKVK from 1st - 3rd July, 2022	Runners
		Kabaddi (M)	CoS, Chintamani from 18th - 20th Aug., 2022	Runners
		Basketball (M)	CoA, Hassan from 27th - 29th	Runners
		Basketball (W)		Runners

			Aug., 2022	
		Badminton (W)	CoA, UG, GKVK from 9th - 11th Sep., 2022	Runners
		Basketball (W)	CoA, Hassan from 27th - 29th Aug., 2022	Winners
		Kho Kho (M)	PGS, GKVK from 1st - 3rd July, 2022	Winners
		Table Tennis (M)		Winners
		Basketball (M)	CoA, Hassan from 27th - 29th Aug., 2022	Winners
		Ball Badminton (W)	CoA, UG, GKVK from 9th - 11th Sep., 2022	Winners
		Volleyball (W)	CoA, UG, GKVK from 9th - 11th Sep., 2022	Winners
		Football (M)	CoA, Mandya from 22nd - 24th Sep., 2022	Winners
		Chess (M)	CoA, Chamarajanagara from 29th Sep. - 1st Oct., 2022	Winners
		Kho Kho (W)	PGS, GKVK from 1st - 3rd July, 2022	Runners
		Cricket (M)	CoA, UG, GKVK from 24th -26th June, 2022	Runners
		Ball Badminton (M)	CoA, Hassan from 27th - 29th Aug., 2022	Runners
2023-24				
1	**AIU/South Zone Inter-University tournaments**	Basketball (M)	University Kerala, G.V. Raja Pavilion, Thiruvananthapuram from 13th - 18th Nov., 2023	Entered pre-quarter finals
		Kabaddi (W)	Alagappa University, Karikudi Tamil Nadu from 22nd - 24th Nov., 2023	Entered pre-quarter finals
		Football (M)	YENEPOYA, (Deemed to be University), University Road, Deralakatte, Mangalore Karnataka from 11th - 15th Dec., 2023	Semi-final looser
		Badminton (M)	VIT, Vellore Campus, Tiruvalam Rd., Katpadi, Vellore, Tamil Nadu from 19th - 24th Dec., 2023	Lost in I round
		Volleyball (M)	VTU, Belagavi organized by PES College of	Entered II round

			Engineering, Mandya from 22nd - 25th Dec., 2023	
		Fencing (W)	MGM University, MGM Campus Aurangabad from 23rd - 26th December, 2023	Bronze medal-01 in Foil event. 23rd rank in Epee event.
		Volleyball (W)	Sri Padmavathi Mahila Visvavidyalayam (Women University), Tirupati from 27th - 31st Dec., 2023	28th Rank
		Chess (W)	Tamil Nadu Dr. Ambedkar Law University, T.N. from 26th - 29th Dec., 2023	Entered II round
		Kho-Kho (W)	Central University of Tamil Nadu Thiruvanur from 26th - 30th Dec., 2023	Entered pre quarter finals
		Basketball (W)	Jain (Deemed to be University), Jain Global Campus, Jakkasandra Post Kanakpura Taluk, Ramnagara District from 25th - 28th Dec., 2023	Entered pre-quarter finals
		Kho-Kho (M)	University of Calicut, Kerala from 26th - 30th Dec., 2023	Lost in I round
		Fencing (W)	Guru Nanak Dev University, Amritsar, Punjab from 13th - 15th Jan., 2024	9th rank in foil event
		Chess (M)	Bharathidasan University, Tiruchirappalli from 26th to 29th Jan., 2024	28thrank
		Kabaddi (M)	Jawaharlal Nehru Technological University Kakinada, Kakinada, Andhra Pradesh from 9th - 12th Nov., 2023	Entered pre-quarter finals
2	**UAS (B) Inter-Campus**	Kabaddi (M)	CoA, UG, GKVK from 28th - 30th July, 2023	Winners
		Badminton (M)	PGS, GKVK from 4th - 6th Aug., 2023	Winners
		Ball Badminton (W)	CoS, Chintamani from 11th - 13th Aug., 2023	Runners
		Kho-Kho (M)	CoA, UG, GKVK from 9th - 11th Nov., 2023	Runners
		Chess (M)	CoA, Chamarajanagara from 28th - 30th Oct., 2023	Runners

		Table Tennis (M)	CoA, UG, GKVK from 28th - 30th July, 2023	Runners
		Table Tennis (W)		Runners
		Athletics (M&W)	CoA, Mandya from 28th - 30th Dec., 2023	Runners
		Table Tennis (M)	CoA, UG, GKVK from 28th - 30th July, 2023	Winners
		Cricket (M)	PGS, GKVK from 4th - 6th Aug., 2023	Winners
		Volleyball (W)	CoA, Hassan 9th - 11th Dec., 2023	Winners
		Basketball (W)	CoA, Mandya 2nd - 4th Dec., 2023	Winners
		Football (M)	CoS, Chintamani 11th - 13th Aug., 2023	Runners
		Basketball (M)	CoA, Mandya 2nd - 4th Dec., 2023	Runners
		Kabaddi (M)	Jawaharlal Nehru Technological University Kakinada, Kakinada, Andhra Pradesh from 9th - 12th Nov., 2023	Entered pre-quarter finals
2024-25				
1	**ICAR Agri-Sports and Games Meet**	4 x 100 mtr.,relay (W)	XXII All India Inter-Agri. Universities sports and games meet, 2024-25 held at Acharya Narendra Dev University of Agriculture & Technology, Kumarganj, Uttar Pradesh from 2nd - 5th May, 2025	4-Gold medals
		Badminton (M)		3-Gold medals
		100 mtr. (W)		1-Gold medal
		High jump (W)		1-Gold medal
		Discuss throw (W)		1-Gold medal
		Long jump (W)		1-Gold medal
		400 mtr.,hurdles (W)		1-Gold medal
		200 mtr. (W)		1-Gold medal
		Badminton (W)		2-Silver medals
		200 mtr. (W)		1-Silver medal
		400 mtr.,hurdles (W)		1-Silver medal
		800 mtr. (W)		1-Silver medal
		800 mtr. (W)		1-Bronze medal
		Long jump (W)		1- Bronze medal
		Long jump (W)		1- Bronze medal
		Badminton (W)		Winners
		Chess (M)		Winners
2	**AIU/South Zone Inter-University tournaments**	Kabaddi (W)	Alagappa University Karikudi, Tamil Nadu 29th Nov., 2024 - 2nd Dec., 2024	Participated

		Chess (W)	GITAM University, 5th - 8th Dec., 2024	Participated
		Volleyball (M)	University of Kerala, Thiruvanathapuram 18th - 22nd Dec., 2024	Participated
		Table Tennis (W)	AMET University, Kanathur, Chennai, Tamil Nadu from 3rd - 5th Jan., 2025	Participated
		Chess (M)	Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai, Tamil Nadu from 8th - 11th Jan., 2024	Participated
		Cricket (M)	University of Madras, Chennai, Tamil Nadu from 16th - 21st Jan., 2025	Participated
		Volleyball (M)	XXII All India Inter-Agri. Universities sports and games meet, 2024-25 held at Acharya Narendra Dev University of Agriculture & Technology, Kumarganj, Uttar Pradesh from 2nd - 5th May, 2025	8-Gold medals
		Basketball (W)	XXII All India Inter-Agri. Universities sports and games meet, 2024-25 held at Acharya Narendra Dev University of Agriculture & Technology, Kumarganj, Uttar Pradesh from 2nd - 5th May, 2025	6-Gold medals
		4 x 400 mtr.,mixed relay (M & W)	XXII All India Inter-Agri. Universities sports and games meet, 2024-25 held at Acharya Narendra Dev University of Agriculture & Technology, Kumarganj, Uttar Pradesh from 2nd - 5th May, 2025	4-Gold medals
3	**UAS (B) Inter-campus**	Badminton (M)	CoA, UG, GKVK from 28th - 30th Sep., 2024	Winners
		Volleyball (M)	CoS, Chintamani from 8th - 10th Oct., 2024	Winners

		Kabaddi (M)	CoA, Mandya from 25th - 27th Oct., 2024	Winners
		Kabaddi (W)		Winners
		Chess (M)	CoA, Chamarajanagara from 3rd - 5th Jan., 2025	Winners
		Athletics (M&W)	CoA, UG, GKVK from 17th - 19th Jan., 2025	Winners
		Football (M)	CoA, PGS, GKVK from 23rd - 25th Aug., 2024	Runners
		Basketball (M)	CoAE, GKVK from 22nd - 24th Nov., 2024	Runners
		Kho-Kho (M)	CoA, Hassan from 8th - 10th Nov., 2024	Runners
		Table Tennis(M)		Runners
		Table Tennis (W)		Runners
		Basketball (W)	CoAE, GKVK from 22nd - 24th Nov., 2024	Winners
		Cricket (M)	CoA, UG, GKVK 28th - 30th Sep., 2024	Winners
		Ball Badminton (M)	CoA, PGS, GKVK 23rd - 25th Aug., 2024	Runners
		Badminton (M)	SRM Institute of Science and Technology SRM Nagar, Kattankulathur from 26th - 29th Oct., 2024	Participated
		Kabaddi (M)	SRM Institute of Science and Technology SRM Nagar, Kattankulathur 30th Oct., 2024 - 3rd Nov., 2024	Participated
		Basketball (M)	Christ University, Bengaluru from 1st - 5th Nov., 2024	Participated
2025-26				
	Inter-campus	Volleyball (W)	CoA, UG, GKVK from 26th - 28th Sep., 2025	Winners
	Inter-campus	Table Tennis (W)	PGS, GKVK from 16th -18th Oct., 2025	Winners
	Inter-campus	Kabaddi (W)	CoAE, GKVK from 30th Oct. - 01st Nov., 2025	Winners
	Inter-campus	Football (M)	CoS, Chintamani, 18-20th August, 2025	Runners
	Inter-campus	Ball Badminton (M)	CoS, Chintamani, 18-20th August, 2025	
	Inter-campus	Table Tennis (M)	PGS, GKVK from 16th -18th Oct., 2025	Runners
	Inter-campus	Kabaddi (M)	CoAE, GKVK from 30th Oct - 1st Nov., 2025	Runners
	Inter-campus	Badminton (M)		Runners

	Inter-campus	Kho - Kho (M)	CoAE, GKVK from 5th - 7th Dec., 2025	Runners
	Inter-campus	Volleyball (M)	CoA, UG, GKVK from 26th - 28th Sep., 2025	Winners
	Inter-campus	Cricket (M)	PGS, GKVK from 16th -18th Oct., 2025	Winners
	Inter-campus	Table Tennis (M)		Winners
	Inter-campus	Badminton (M)	CoS, Chintamani from 16th - 18th Aug., 2025	Winners
	Inter-campus	Table Tennis (W)	PGS, GKVK from 16th -18th Oct., 2025	Runners
	Inter-campus	Badminton (W)	CoAE, GKVK from 30th Oct. - 1st Nov., 2025	Runners

2022-23- Overall Runners in Sports and Games Championship Men & Women*
2024-25- Overall Winners in Women Athletics Championship*
2024-25- Overall winner in Sports and Games Championship Men & Women*



UAS, Bangalore secured Overall Runners-Up position in both men and women categories at the 21st All India Inter-Agricultural Sports and Games Meet 2023, held at CCHSAU, Hisar, Haryana from 20th - 24th February 2023



College of Agriculture, GKVK, Bengaluru secured Runner-up position in overall sports and games meet for the year 2022-23



COA, GKVK secured Overall championship in Athletics for the year 2023-24



CoA, GKVK secured Overall championship in Sports & Games for the year 2024-25





UAS Bangalore secured the Bronze medal at the 3rd Senior South Zone Korfball Championship, held on April 8th and 9th, 2022, at UAS Raichur.



Ms. Syeda Ifthaquar Banu represented UAS Bangalore in the All India Inter-University Fencing Championships, 2023



Ms. Srividya R secured Bronze Medal in Fencing Sport (Epee - women category) in the 2nd edition of Khelo India University Games, 2021





Ms. Nisha J. Hosmani, secured Bronze Medal in the State Level Shooting Competition organized by KSRA, Bangalore held at SAI, Bangalore from 8th to 12th of July, 2022

Glimpses of cultural programmes attended by students of CoA, GKVK, Bengaluru








Details of the cultural events participated by College of Agriculture, GKVK, Bengaluru- State/National

Academic Year	Events	Music			Dance	Theatre				Fine arts						Literary			
	Particulars	Group song (I)	Patriotic song	Light vocal	Group dance	Skit	One act play	Mime	Mono acting	On the spot painting	Rangoli	Collage	Cartooning	Clay modelling	Poster making	Extempore	Debate	Elocution	Quiz
2021-22	National Level Quiz Competition (World Food Day)																		I
	State Level Youth Festival				II	I													
2022-23	ICAR-AIIAUYF (Agri-Unifest)	√	III	√	√	√	√	III	√	II	√	√	√	√	√	II	III	√	√
	AIU- IUSEZYF (South-East Zone)	IV	-	√	I	II	II	√	-	√	√	√	V	√	III	-	II	√	√
	AIU- IUNYF (Nationals)				II	III	√								III		√		
	AIU - IYF (International)				√														
	State Level Debate Competition																II		
2023-24	AIU- IUSEZYF (South-East Zone)	√	-	√	I	II	√	√	-	√	√	√	√	√	V	-	III	√	√
	AIU- IUNYF (Nationals)				I	√											II		
	AIU - IYF (International)				√														

	Zone-I (South Zone) Student Elocution Contest																	II	
	State level Debate competition																I, II, & II		
2024-25	AIU- IUSEZYF (South-East Zone)	V	-	√	IV	√	IV	√	-	√	III	III	II	√	√	-	√	V	IV
	XVII Agricultural Science Congress 2025- Student Elocution Contest - Zonal level																	II	
	State Level Debate Competition																II		
2025-26	AIU- IUSWZYF (South-West Zone)	√		√	III	V	II	√		√	IV	√	IV	√	V		III	V	√
	State Level Debate Competition on Co-operation																III		
	GCWAS Intra-Zonal Elocution Contest -2026 (South Zone)																	I, II & I	

Status of extra and co-curricular activities of College of Agricultural Engineering, Bangalore

Details of the sports activities of College of Agricultural Engineering, Bangalore

Sl. No.	Year	Type of event	Name of the event	Event organized / participated	Awards / Medals received in the events
1	2021 -22	SZIU Kabaddi Men tournament held at SRM Institute of Science and Technology, SRM Nagar, Kancheepuram, Tamil Nadu, 23-28 October, 2024.	Kabaddi(M)	Participated	-
2	2023 -24	SZIU held at Central University of Tamil Nadu Thiruvanur - 610005,26-30 December, 2023	Kho Kho Women	Participated	-
		SZIU held at Alagappa University, Karaikudi - 630003 Tamil Nadu 22 - 24 November, 2023	Kabaddi Women	Participated	-
		SZIU held at Jawaharlal Nehru Technological University Kakinada, Kakinada - 533003, Andhra Pradesh from 09 -12 November, 2023	Kabaddi Men	Participated	-
		SZIU held at University Kerala, G.V. Raja Pavilion, Thiruvananthapuram- 695 033 13-18 November, 2023	Basketball Men	Participated	-
		SZIU held at Tamil Nadu Dr. Ambedkar Law University, T.N. 26-29 December, 2023	Chess Women	Participated	-
		S &WZU held at MGM University, MGM campus Aurangabad - 431003, 23-26 December, 2023 *All India Inter-University Fencing Championship at GNDU, Amritsar, Punjab 13-15 January, 2024	(South West Zone University Championship Fencing Women	Participated	-
		SZIU held at Sri Padmavathi Mahila Visvavidyalaya (WomenUniversity) Tirupati - 517 502, 27- 31 December, 2023	Volleyball Women	Participated	-
		SZIU held at Jawaharlal Nehru Technology University Kakinada 9-12 January, 2023.	Kho-Kho Men	Participated	-
3.	2024 -25	SZIU Cricket tournament held at University of Madras Chennai, Tamil Nadu, 16-21 January, 2025	Cricket (M)	Participated	-
		SZIU Kabaddi Women tournament held at Alagappa University,	Kabaddi (W)	Participated	-

		Karaikudi Tamil Nadu, November29 to December 02, 2024.			
		SZIU Basketball tournament held at Christ University Bangalore, Karnataka, 01- 05 November, 2024.	Basketball (M)	Participated	-
		SZIU CHESS (W) tournament held at GITAM University, Vishakapatnam, Andhra Pradesh, December 4th to 9th, 2024.	Chess (W)	Participated	-
4	2025 -26	XXII All India Inter Agri Sports and Games Meet 2024-25 held at ANDUAT, Kumarganj, Ayodhya, Uttar Pradesh from, 02-05 May, 2025.	Kabaddi (M)	Participated	Silver Medal 800 m 400m Hurdles

Academic Year	Events	Music				Dance	Theater				Fine Arts						Literary			
	Particulars	Group Song (Folk)	Group Song	Patriotic Song	Light Vocal (Indian)	Group Dance (Folk)	Skit	One Act Play	Mime	Mimikri	On the spot Painting	Rangoli	Collage	Cartooning	Clay Modelling	Poster Making	Extempore	Debate	Elocution	Quiz
2021-22	Inter-collegiate Youth Festival	The College of Agricultural Engineering team has been constituted separately from the academic year 2023–24 onwards. Prior to this, during 2021-22 and 2022-23, B. Tech. (Agricultural Engineering) students were integrated with the College of Agriculture, GKVK, Bengaluru.																		
2022-23	Inter-collegiate Youth Festival																			
2023-24	Inter-collegiate Youth Festival	-	II	-	-	II	-	-	III	-	-	-	III	-	III	-	-	-	II	-
2024-25	Inter-collegiate Youth Festival	-	-	-	-	-	-	-	-	-	-	-	-	-	-	III	-	-	-	II
2025-26	Inter-collegiate Youth Festival (UG)	I	III	-	-	III	I	III	I	III	II	-	III	-	-	III	III	II	III	-
	PGS	-	-	-	-	II	III	I	-	-	-	-	-	-	-	-	-	-	-	-

Cultural activities of College of College of Agricultural Engineering, Bangalore

- The University has a centralized cultural centre to promote student leadership and celebrate campus diversity.
- A cultural group named "Kalaparva" has been formed to ensure active student participation and support overall personality development.
- Facilities such as a well-equipped auditorium, lighting and sound systems, green rooms, musical instruments and accessories are provided for activities like Music, Dance, Theatre, Fine Arts and Literary events.
- Cultural events are organized during Fresher's Day, Annual Day, Inter-collegiate youth festivals, NSS programmes, National celebrations (Independence Day and Republic Day) and State-level programmes such as Kannada Thingala Habba, Kannada Rajyotsava and Krishimela.
- These activities provide opportunities for students to participate in Zonal, State and National level competitions such as Agri-Unifest, AIU UniFest, South Zone Inter-University Youth Festival and National Integration Camps.
- Students gain exposure to cultural diversity and develop organizational, presentation, leadership and interpersonal communication skills.
- A college-level cultural committee comprising faculty members supports training, monitoring and organization of cultural activities.
- Ms. Sameeksha Shetty, IV B. Tech. (Agril. Engg.) student participated in the 37th Inter-University Southeast Zone Youth Festival, 'Yuva Bimba 2024', from Feb., 22 to 26 at the JSS STU campus, Mysore



Mime First Place Youth Festival 2025-26



Skit First Place Youth Festival 2025-26

Glimpses of Cultural Events of College of Agricultural Engineering, Bangalore










Flash Mob at College of Agricultural Engineering on 28.04.2022

Status of extra and co-curricular activities of College of Sericulture, Chintamani

Details of the sports activities of College of Sericulture, Chintamani

Details of Inter-campus Events Organized

Sl. No.	Year	Type of Event	Name of the event	Event organised / participated	Award/medals received in the events
1	2021-22	-	-	-	-
2	2022-23	Inter-campus	Kabaddi (M & W)	Organized	Kabaddi (M & W) Runners
			Athletics		Overall, Runners (M & W) Overall, Winners (M)
3	2023-24	Inter-campus	Football (M)		Winners in Foot Ball (M)
			Ball Badminton (M & W)		Participated
4	2024-25	Inter-campus	Volleyball (M & W)		Participated
5	2025-26	Inter-campus	Football (M)		Football (M) winners
			Ball Badminton (M & W)		Participated

Details of Inter-campus tournaments participated

Sl. No.	Year	Type of event	Name of the event	Place	Award / medals received in the events
1	2021-22	Inter-campus	-	-	-
2	2022-23	Inter-campus	Cricket (M)	CoA, GKVK	Participated
			Kho-Kho (M & W)	PGS, GKVK	Participated
			Table Tennis (M & W)		Participated
			Kabaddi (M & W)	CoS, Chintamani	Participated
			Basketball (M & W)	CoA, Hassan	Participated
			Ball Badminton (M & W)		Participated
			Volley ball (M & W)	CoA, GKVK	Runners (M)
			Football (M)	CoA, GKVK	
			Chess (M & W)	CoA, Chamarajanagara	Runners (W)
			Athletics	CoS, Chintamani	Overall (M) winners Overall (W) Runners Overall, all (M&W) Winners
3	2023-24		Cricket (M)	PGS, GKVK	Participated

Sl. No.	Year	Type of event	Name of the event	Place	Award / medals received in the events
		Inter-campus	Badminton (M & W)		Runners (M & W)
			Kabaddi (M & W)	CoA, GKVK	Winners (W) Runners (M)
			Table Tennis (M & W)		Participated
			Football (M)	CoS, Chintamani	Winners (M)
			Ball Badminton (M & W)		Participated
			Chess (M & W)	CoA, Chamarajanagara	Participated
			Kho-Kho (M & W)	CoA, GKVK	Runners (W)
			Basketball (M & W)	CoA, Mandya	Participated
			Volley ball (M & W)	CoA, Hassan	Participated
			Athletics	CoA, Mandya	Participated
4	2024-25	Inter-campus	Football (M)	PGS, GKVK	Participated
			Ball Badminton (M & W)		Participated
			Cricket (M)	CoA, GKVK	Participated
			Badminton (M & W)		Participated
			Volley ball (M & W)	CoS, Chintamani	Runners (W)
			Kabaddi (M & W)	CoA, Mandya	Participated
			Kho-Kho (M & W)	CoA, Hassan	Runners (W)
			Table Tennis (M & W)		Participated
			Basketball (M & W)	CoAE, GKVK	Participated
			Chess (M & W)	CoA, Chamarajanagara	Participated
			Athletics	CoA, GKVK	Runners (M & W)
5	2025-26	Inter-campus	Football (M)	CoS, Chintamani	Winners
			Ball Badminton (M&W)		Participated
			Volleyball (M & W)	CoA, GKVK	Runners (M & W)
			Cricket (M)	PGS, GKVK	Runners (M & W)
			Table Tennis (M & W)		Participated
			Kho-Kho (M & W)		Winners (M & W)
			Kabaddi (M & W)	CoAE, GKVK	Runners (W)
			Badminton (M & W)		Participated

Sl. No.	Year	Type of event	Name of the event	Place	Award / medals received in the events
			Chess (M & W)	CoA, Adichunchanagiri	Runners (M & W)
			Basketball (M & W)	Yet to conduct	
			Athletics		

Details of extracurricular events participated by the College of Sericulture, Chintamani (National level) are furnished below:

Sl. No.	Year	Type of event	Name of the event	Event organised / participated	Award / medals received in the events
1	2021-22	-	-	-	-
2	2022-23	Agri-Startup program me	"Agriculture is the first programme in changing the livelihood: Karnataka"	Participated	Won fellowship for pursuing their Post-graduation at Dandi University, Scotland, United Kingdom
3	2023-24	Agri-Startup program me	PG Science Week	Participated	"Best Startup Award and Bio-nest Award"
4	2024-25	-	-	-	-
5	2025-26	-	-	-	-

Cultural activities of College of Sericulture, Chintamani

Sl. No.	Organized / Year	Event	Awards / Prize
2021-22: Nil			
2022-23			
1	Organized	UASB intercampus youth festival	Group songs - 1st Patriotic song - 1st Skit - 3rd One act play - 2nd Mime - 1st Mono acting - 3rd On spot painting- 3rd Rangoli - 2nd Clay modelling - 1st Quiz - 1st
2023-24			
1	Participated	UASB intercampus youth festival	Over all championship
2024-25			
1	Participated	UASB intercampus youth festival	Over all championship
2025-26			
1	Participated	UASB intercampus youth festival	Over all championship

The details of student participation at Zonal Level Cultural Activities, College of Sericulture, Chintamani

Sl. No.	Year	Type of event	Name of the event	Event organised / participated	Award / Medals received in the events
1	2021-22	-	-	-	-
2	2022-23	-	-	-	-
3	2023-24	37th South East Zone Inter-University Youth Festival (Yuvabimba)	✓ Clay modelling & installation ✓ Quiz ✓ Group song Indian (Patriotic) ✓ Group song Indian (Folk)	Participated	Participated
4	2024-25	38th AIU-Inter University South East Zone Youth Festival	Rangoli, Folk dance & Group song (Indian)	Participated	3rd place 4th place 5th place
5	2025-26	39th AIU-Inter University South East Zone Youth Festival	Creative choreography, Cartooning, Hindi debate, One act play & Folk orchestra	Participated	4th place 4th place 3rd place 2nd place

Glimpses of cultural activities of College of Sericulture, Chintamani













NSS/NCC programmes organised

National Service Scheme

Activities conducted during 2021-22

Particulars	NSS
Village	13
NSS programme officers	20
No. of Volunteers	4737
Sapling planted	10000
Environment/Waste land development and water conservation	Conducted in all 6 campuses
Green initiatives	Conducted in all 6 campuses
Yoga /Food	Conducted in all 6 campuses
Swatch Bharat	Conducted in all 6 campuses

Activities conducted during 2022-23

Particulars	NSS
Village	13
NSS programme officers	20
No. of Volunteers	4675
Sapling planted	10500
Environment/Waste land development and water conservation	Conducted in all 6 campuses
Green initiatives	Conducted in all 6 campuses
Yoga /Food	Conducted in all 6 campuses
Swatch Bharat	Conducted in all 6 campuses

Activities conducted during 2023-24

Particulars	NSS
Village	13
NSS programme officers	20
No. of Volunteers	4524
Sapling planted	11000
Environment/Waste land development and water conservation	Conducted in all 6 campuses
Green initiatives	Conducted in all 6 campuses
Yoga /Food	Conducted in all 6 campuses
Swatch Bharat	Conducted in all 6 campuses
Blood donation camps	**15**
Eradication of drug abuse	**02**
Life skills	**01**

Activities conducted during 2024-25

Particulars	NSS
Village	Aluru -Duddanahalli
NSS programme officer's	Dr. Channakeshava, S,
No. of Volunteers	102
Sapling planted	200
Environment/Waste land development and water conservation	Area of waste land selected with the help of grama panchayat officials
Green initiatives	Planted saplings on the bunds of community tank
Yoga /Food	Conducted Yoga Programme in NSS camp
Reconstruction /Repair of roads	Clearing of bushes along the road side in village
Watershed conservation and drinking water facilities	Conducted awareness programmes for rainfed crops
Swatch Bharat	Conducted Swaccha Bharath Abhiyana in the streets of village
Health and family welfare	Conducted health awareness programme for NSS students in NSS camp and invited the guest Speaker. Also, conducted Awareness programme on Rabies Disease with the help of Veterinary Dept., Devanahalli Taluk
Population education	Conducted educational programme on population explosion and its impact on development of India
Eradication of drug abuse	The programme on NASHA MUKT BHARAT ABHIYAAN was organized at College of Agriculture, GKVK, Bangalore on 12-08-2024 for NSS students of I Year B.Sc. (Hons.) Agriculture, 'C' section, Scientific Officer to Dean(Agri.), NSS programme officers and teaching faculty member who pledge against drug abuse as **"I Pledge that I will Do everything possible to the best of my ability to make my country Drug Free" Jai Hind.**
National Integration Camp (NIC)	NSS students participated in National Integration Camp held at Kerala



Yoga Programme



Nasha Mukt Bharath Programme





Planting of tree saplings in Aluru-Duddanahalli



Shramadana activity in Village



Ms. Maheshwari, I B.Sc. (Hons.)Agri. student represented GKVK for the Republic Day parade, New Delhi on 26th Jan, 2021

2025-26

Particulars	NSS
Village	Mydala (Tumakuru)
NSS programme officer's	Dr. Channakeshava S
No. of Volunteers	98

Sapling planted	300
Environment/Waste land development and water conservation	Plating of tree saplings in waste lands in village
Green initiatives	Conducted awareness programme for planting of tree saplings
Yoga /Food	Conducted Yoga in NSS camp
Swatch Bharat	Conducted Swaccha Bharath Abhiyana in NSS camp village
Health and family welfare	Conducted Mental Health Programme by Inviting Doctor from NIMHANS Bangalore Conducted Animal Health camp in NSS village
Blood donation camp's	Conducted Blood Donation camp in village
Eradication of drug abuse	Conducted awareness programme of Drug abuse for NSS students in NSS class
Programme for women/village community	Conducted Women's day
National Integration Camp (NIC)	NSS students participated in NIC camp at HIMS, Hassan



Mental Health Programme in NSS village



Blood Donation camp in Mydala village



Planting of tree saplings in wasteland



Animal Health camp organized in NSS camp village





Mr.Yashwanth Gowda, M. V., II B.Sc. (Hons.)Agri. student represented GKVK for the Republic Day parade, New Delhi on 26th Jan., 2022.

Glimpses of World Youth Parliament organized in GKVK, Bengaluru









National Cadet Corps

Sl. No.	Year	Activities	Photos
1	2021-22	NCC came into existence only in the year 2022	-
2	2022-23	• Environment Awareness • Tree Plantation • Swachch Bharath • Millet Awareness	
3	2023-24	• Environment Awareness • Tree Plantation • Swachch Bharath • Blood Donation • Statue Cleaning Activity	 
4	2024-25	• Environment Awareness • Tree Plantation • Swachch Bharath • Blood Donation • Statue Cleaning Activity	 

5	2025-26	• Environment Awareness • Tree Plantation • Swachch Bharath • Blood Donation • Drug Awareness • Celebrated 150 years of • Vande Mataram	    

ACHIEVEMENTS

Sl. No.	Year	Achievements	Outstanding Individual Performance
1	2024-25		*JUO Himaja P., IV B.Tech Agri. Eng CoAE, GKVK, Bengaluru secured Bron Medal in the JDFS event respectively. *CSUO Sanjana Patel, currently studing IV B.Sc. (Hons.) Agri., CoA, GKV Bengaluru represented Karnataka& G Directorate in the All India Thal Sain Camp 2024 at New Delhi and secur Gold Medal in the Health & Hygiene eve and JUO. * SGT Sanjana Patel, III B.Sc. (Hon Agri., CoA, GKVK, Bengaluru has al received Chief Minister's Commendati Award in the year 2025

			
2	2025-26		*SGT Kushal Balaji- Gold Medal in Health and Hygiene (Left- 3rd year B.Sc.(Hons.) Agri *CSM Pramod P - Bronze Medal in JDFS event (Right-4th year B.Sc. Agri., have secured medals in All India Thal Sainik Camp at New Delhi, 2025 held in the month of September, 2025

Details of extra-curricular events (Agri-Start-Ups) participated by College of Agriculture, GKVK, Bengaluru

Innovative Startups in Agriculture-2021

Sl. No.	Topic	Team members
1	BIOFERTILZER TABLETS: One Tablet Multiple Benefits for Agriculture	Pavan, P.M.(ALB9087) Punith, B. (ALB9198)& Varsha, C. (ALB9290) UAS, GKVK, Bengalore
2	Carbammono Fertilizer	Vishwas, B.M. & Yogeesh, E.
3	Biosignature of Defense Protein for Sericulture	Basavaraj, T. (SLC-903) Akash (SLC-9001) Aruna Boudh, V, (SLC-9004) Meghana,C.S. (SLC-9016) & Prakruthi, S. N. (SLC-9022)

4	Design and Developing a Low-Cost Sensor Based Weed Seed Vacuum Eradicator	Likhitha, U. N.(AMC0038) I B.Sc. (Hons) Agri. Bhagyavati,(AMC0014) I B.Sc. (Hons.) Agri.& Hithashree, K. B.(AMC0030) I B.Sc. (Hons.) Agri.
5	Design and Developing a Low-Cost Solar Based Sensor Automatic Irrigation System in Remote Areas of Karnataka	Rakshitha, P. V. (AMC0063 Nayana, S. K. (AMC0055)& Nayana, P. (AMC0054)
6	Black Soldier Fly (BSF) as a Protein Supplement for Livestock	Gopal Krishna,T. (ALH9033) Poorvika R. Gowda (ALH9066) Ankith, U. (ALH9014)& Kushal Sagar,R. (ALH9050)
7	Evaluation of Bio-Pesticidal Activity of *Holigarna arnottiana* Hook .f., Against Phyto-pathogens for Manufacturing Plant Based Eco Friendly Formulation as Pesticide.	Yuvaraj, A. Rashmi, K. S. Nischitha, G. N.& Prajwal, R.
8	NANO ANE (*Ascophyllum nodusum* extract) - A Nano Based Cattle Feed	Neha, M.N.(ALH9057) Hemchandra Jha (ALH9037) & Anjali Jha (ALH9012)
9	NANO BIOPESTICIDAL CAPSUE (NBCAPS) - Mahagony-Consortium Leaf Based Eco-Friendly Product	Ravishankar, K. B.(ALH9073) Mohan Kumar, S. K.(ALH9055) Kushal, H. R.(ALH9049)& Darshan, A. R. (ALH902)
10	Nano Drug Delivery (NDD) Capsules for Mastitis and Quantum Dots Drugs (QDD) for artificial insemination -A Nanotech Prospect for Dairy Industry	Punarva, P. S. (ALH9071) Suma, N. M. (ALH9091) & Nitish Kumar, L. S. (ALH9061)
11	Nanozymes for Rapid Degradation of Agriculture Waste and Soil Toxicants	Akshatha, K.T. (BLH8004) Nidhi,R. (BLH8032) Prateeksha Muddemmanavar (BLH8037) & Priyanka, J.V. (BLH8041)
12	Mushroom - Cyanobacteria Integrated Bioelectricity Generation	Neha,C.. (ALM9060) S. Chandana (ALM9077) & Keerthana, M. (P ALM9042)
13	OX - Driven Renewable Electric Generator	S. Chandana (ALM9077) Neha, C. (ALM9060)& Keerthana, M. P. (ALM9042)
14	Probiotic CHIKKI	Keerthana, M. P. (ALM9042) S. Chandana (ALM9077)& Neha, C. (ALM9060)
15	Toxic as a Starting Point of Medicine	Rakshith Kumar, D.(ALM9070) M. S. Swaroop (ALM 9049)& Yogananda (ALM 9108)

16	Group Buying in Agriculture	Monish,Y.(III B.Sc. (Hons.)Agri. (ALB9160)& Hemanth, B.A. (III B.Sc. (Hons.) Agri. (ALB9111)
17	Seri Electro Orb	Akshatha, S.(SLC9002) Bhanupriya, R.(SLC9005) Chethan, M. N.(SLC9007) Gowtham, B. N.(SLC9010)& C. M. Yaseen (SLC9008)
18	FURA - Farm Sense Urban and Rural Agriculture	Kavyashree, C. (III Ph. D.), Agricultural Extension, UAS, GKVK, Bangalore.

UG Prizes: Winner

Sl. No.	Topic	Team members
1	Design and Developing a Low-Cost Sensor Based Weed Seed Vacuum Eradicator	Likhitha, U. N.(AMC0038) I B.Sc. (Hons.) Agri. Bhagyavati (AMC0014) I B.Sc. (Hons.) Agri.& Hithashree K B (AMC0030) I B.Sc. (Hons.) Agri.
2	Black Soldier Fly (BSF) as a Protein Supplement for Livestock	Gopal Krishna,T. (ALH9033) Poorvika, R. Gowda (ALH9066) Ankith,U. (ALH9014)& Kushal Sagar,R. (ALH9050)
3	Group Buying in Agriculture	Monish,Y.(IIIB.Sc. (Hons.) Agri. (ALB9160)& Hemanth, B.A. (IIIB.Sc. (Hons.) Agri. (ALB9111)

Innovative Start-Ups in Agriculture-2022

Sl. No.	Topic	Team members
1	Green Copper Nano-Fungicide for fruit rot in arecanut	Kashyapa Shankara Harsha, S& Harisha, S. A.,College of Agriculture Hassan
2	Electro culture : Method of applying atmospheric electricity to the fertilisation of plant life	Poorvik Gowda, A. P. Raju, C& Shreyas, S. N. College of Sericulture, Chintamani
3	Driftless Drone	Pravallika, Kavana, B. M, Pradipta Kundu& Prajwal, N.H.

		College of Agriculture, Bangalore, GKVK campus
4	Mealworm-A Delectable Immunobooster Feed to Fish	H .S. Hemanth Gowda, Nishu, C. B., Punarva, P. S.& Suma, N. M. College of Agriculture, Hassan
5	Design and developing a low cost brolly to protect mango trees form hailstorm	Rakshitha, P. V. & Nayana, S. K. College of Sericulture, Chintamani
6	Pharmacognostic Uses Of Bougainvillea (*Bougainvillea glabra*&*Bougainvillea spectabilis*)	Nayana, S. K.& Rakshitha, P. V. College of Sericulture , Chintamani
7	Strain improvement of *Lactobacillus* species isolated from dairy sample for bacteriocin production	Saipreet, K, Vinay Rotti, College of Agriculture, Bangalore, GKVK campus
8	Plant-Based Meat	Amruthraj, G. S. Naveen Kumar, N. & Likhitha, U. N. College of Sericulture, Chintamani
9	SERICO DUSTER" - A new tool to boost sericulture	Puru Raj, S. Vishwnath, Naveen, S. & Akshay Kumar. College of Sericulture, Chintamani
10	Extra Electricity from same work	Charan Kumar M& Manoj Gowda, G. C. College of Agriculture, Hassan
11	Recycling of Water	Charan Kumar, M. & Manoj Gowda, G. C. College of Agriculture Hassan
12	Wild Taro Based Biodegradable plastic for an effective replacement of inorganic plastic and as sustainability booster	Ruchitha, B. R. Nischay, C. M. & Vighnesha. College of Sericulture , Chintamani
13	Infested silkworm based bio-control agents for crop pests	O. Ganesh, Mallikarjun& Nutan Yadav, D. College of Sericulture, Chintamani
14	Fishonics	Prakruthi, N. N., Anjali Jha, Harveer& Rohit College of Agriculture, Hassan

15	Agriculture produce marketing management by PPP model	Vivek, S. N. & Gagan, B. N. College of Sericulture, Chintamani
16	Production of bio-fertilizer by using silk worm excreta	Karna, K. B. & Rangaswamy, S. College of Sericulture , Chintamani
17	Agriculture waste to wealth by marigold leaf	Gayathri, P. K., Akash Durgad, Gopal Krishna, T. & Swapna, M. S. College of Agriculture, Hassan
18	Soil as a sustainable source of electricity	Monish,Y. & Jayanth, R. College of Agriculture, Bangalore, GKVK Campus
19	Hydroponic retail store	Hemanth, K. & Harshith Gowda, H. V. College of Sericulture , Chintamani

UG Prizes: Winner

Sl. No.	Topic	Team members
1	Green Copper Nano-Fungicide for fruit rot in arecanut	Kashyapa Shankara, Harsha, S.& Harisha, S. A. College of Agriculture, Hassan
2	SERICO DUSTER" A new tool to boost sericulture	Puru Raj, S., Vishwnath, Naveen, S. & Akshay Kumar, College of Sericulture, Chintamani
3	Infested silkworm based bio-control agents for crop pest	O. Ganesh, Mallikarjun& Nutan Yadav, D. College of Sericulture, Chintamani
4	Production of biofertilizer by using silk worm excreta	Karna, K. B. & Rangaswamy, S. College of Sericulture, Chintamani

Innovative Start-Ups in Agriculture-2023

Sl. No.	Topic	Team members
1	Thunder Bolt- Solution for plant protection and plant growth promotion	Basavaraj Hanamant Gudli (BMB0010) Lakshmana(BMB0032) K.Lingamurthy(BMB0033)& Shreepriya, K. L. (BMB0051) Institute of Agribusiness Management, UAS, GKVK, Bengaluru - 65

2	Glassy Sheet Egg Production Technology in Sericulture	Bhuvaneshwar R. Naik, Kruthika, M. S., Preetish Chavan, Rakshitha, M.P., Praveen Kumar Gowda& Rakshitha, K.R. College of Sericulture, Chintamani.
3	Nutri Diet Plus	Pravallika Kallur, College of Agriculture, Bangalore, GKVK Campus
4	Cocculus hirsutus Jelly	Bhindya S. Kumar(BMB 1008) Institute of Agribusiness Management, UAS, GKVK, Bengaluru - 65
5	Cultural Corridor	Chandana, D. B. & Meghana, S.G. College of Agriculture, Bangalore, GKVK Campus
6	Extending storage life of tomato using chitosan	Santhosh Kumar, Y. C.
7	Farm to Fork {supply chain}	Abhishek Methre
8	kKrishi Sanchar	Basavatirth Naruni
9	Transgenic Bonsai Plant	Darshan,K. R., College of agriculture, Hassan
10	Silkworm Based Bio-Pesticide	O. Ganesh (SMC0014), Mallikarjun (SMC0009)& Nutan Yadav, D. (SMC0013) College of Sericulture, Chintamani.
11	Millet-Based and Instant Foods Start-Up with Plastic Collection Initiative	Sanjana,B. L. & Bindu Shree, M.
12	Chitosan nanoparticle immobilized plastic eating enzymes for bio-degradation of micro-plastics.	Sanjana, H.(BMH1036) & Sneha, P, (BMH1047) College of agriculture, Hassan
13	Sustainable and Green Way to turn Agriculture waste into Hydroponics Nutrient Solution using Charcoal and Beneficial Bacteria and Fungi.	Pratik Sagar& Bibhutibhushan Nandi, College of Agriculture, Bangalore, GKVK campus
14	Vitamin-D fortified rye and ragi bread	K.S. Priyanka& Thanushree, K., College of agriculture, Hassan

15	Organic way to produce straw mushroom (*Volvariella volvacea*) in different media	Bibhutibhushan Nandi & Pratik Sagar College of Agriculture, Bangalore, GKVK campus

Innovative Start-Ups in Agriculture-2024

Sl. No.	Topic	Team members
1	Raw Banana Powder Application in Secondary Agriculture	Tajuddin M. Makandar
2	Senso sprayers	Thyagaraj, D., Pavan kumar, R. Tulasi,J. N. & Sushmitha, V.
3	Agro For Metro	Basava Shegedar Channaya Hiremath& Bandenawaz karnal
4	RENEWVATIVE FUEL: Converting CO2 to Bioethanol by Algae Using Changed Wavelength and Ladder Setup	Pratik Sagar Priya Kumari Panbazhagi,K. & Bibhutibhusan Nandi, Institute of Agribusiness Management, UAS, GKVK, Bengaluru - 65
5	Biopolymer based for mulching,nets&traps - An alternative for single use plastic	Sudharshan, Y., College of Agriculture, Bangalore, GKVK campus
6	Cocco compost	Nikhita, K. N. Dinesh, A.
7	Transformation of weeds into organic fertilizers	Rahul Shindhe
8	Mangro brolly	Manjushree, S. & Pornashree, R.
9	Abhyanga	Bhindya, S. & Monisha, V.
10	Dia Bites-Lesser Yam chips for Diabetes reversal	Chaitya A. Jain& Bharath Kumar, J.
11	Transforming long wave solar radiation into sustainable energy for agriculture use	Nityanand, Vishal, Adiveppa Pattanad& Abhishek, K.C.
12	A sustainable approach towards heavy metal-free agricultural production by transforming organic waste	Shreyas, S. N., Subhash Hampi, L.& Vignesh, C.

13	Musherbroom Tabs/ Caps	Bhavana, A. Ms. Priya, V.N.& Amogha
14	Manufacturing of Biodegradable Covers for Mulching and Plant SaplingFor Eco-friendly Sowing.	Shashibhushan, M. Mukesh Mahato Virendra Meghwal& A. Vamshi
15	Post-harvest management of crops using Ag nanoparticles	Mayank Soni Saumya& Abhishek Raj
16	Tomato enriched coconut burfi :Value added confectionary suitable for agri-entrepreneurship.	Nisarga, G. S., Amoghavarsha, S. A., Bandavva Teli& Basangouda G. Patil
17	Nutrimunchiz	Kamal Lochan Barik, Abhishek Chauhan& Omprakash Landge
18	Simbioplastic	Chinmai Shetty, Lokesh, V. & Bhuvan Chandra, R.
19	Potency of areca nut based products as bio-fertilizers	Hemanth Kumar, A. & Meghana, S. N.
20	Agri-Genius Solutions: Your Farming Partner for Success" (Expert Solutions for Large-Scale Farmers: Modern, Innovative, and Tailored Consulting)	Prajwal Bedavatti

UG Prizes: Winner

Sl. No.	Topic	Team members
1	Abhyanga	Bhindya, S. & Monisha, V. Institute of Agribusiness Management, GKVK, Bangalore
2	Plant based biodegradable plastics for an effective replacement of inorganic plastic	Sudharshan, Y. College of Sericulture, Chintamani.

Innovative Start-Ups in Agriculture-2025

Sl. No.	Topic	Team members
1	Development of solar powered sensor-based nitrogen fixation device for crop fields	Pallavi, L., College of Agriculture, GKVK, UAS, Bangalore

2	Hydro-harvest furrow system	Vijayalakshmi, College of agriculture, Hassan
3	Fortified organic nursery media	Chinmai Shetty, Bhuvan chandra, R., & Lokesh, V. College of Agriculture, Hassan
4	Development of a Residue-Free Natural Herbicide from Sunflower Residues	Khyati Dhaval Mehta Manshi, College of Agriculture, Bangalore, GKVK campus
5	Turning Agricultural Waste into Climate Wealth: A biochar-based circular economy solution	Surabhi Ritu Dwivedi, College of Agriculture, Bangalore, GKVK campus
6	Raitha Kaarya	Pavan Krishna, P. Mohan Ghorpade& Manjunatha, G. S. College of Agriculture, Bangalore, GKVK campus
7	Terravision-Earth's Carbon Pulse (An agricarbonx product)	Prajwal bedavatti& Omkar Kamble College of Agriculture Bangalore, GKVK Campus
8	The hyasoil	Bibhutibhusan nandi, Pratik sagar& Kamala Lochan Barik College of Agriculture, Bangalore, GKVK Campus
9	Greenloop	Pratik Sagar, Priya Kumari, Panbazhagi,k & Bibhutibhusan nandi, College of Agriculture, Bangalore, GKVK campus
10	Kleankrishi	Thanishk, B. S. & Pratik Sagar, College of Agriculture, Bangalore, GKVK Campus
11	Microzonix- bioresurge	Karthik, G. S., Joel Paul Chackery, Amarnath, A.& Varun S. Omanakuttan, College of Agriculture, Bangalore, GKVK campus
12	Bioweave	Abhinandhan R. Mehta, College of Agriculture, Bangalore, GKVK campus

13	Farm Aqua Gel	Pradeep Shanmukh Banakar Thukkogi Rao, V. Sevanth, B. M.& Kulabhushana, S, College of Agriculture, Bangalore, GKVK Campus
14	Pomelo green tea bag	Kulabhushana, S. Vishwas S. Lathi, Mahammad Masiyoddin& Basavatirth, College of Agriculture, Bangalore, GKVK campus
15	Maavu Mitra	Pavan Krishna, P. & Mohan Ghorpade College of Agriculture, Bangalore, GKVK campus

UG Prizes: Winner

Sl. No.	Topic	Team members
1	Raitha Karya	Pavan Krishna, P., Mohan Ghorpade& Manjunatha, G. S. College of Agriculture Bangalore, GKVK campus
2	BioWave	Abhinandhan R. Mehta, College of Agriculture, Bangalore, GKVK campus

✓ **Youth Red Cross Activities at UAS, Bangalore during 2021-2025**

Units	Existence	Major functions	Benefits in student development
6	2012	The Indian Red Cross's programmes are grouped into four main core areas: Promoting humanitarian principles and values; Disaster response; Disaster preparedness; and Health and Care in the Community. YRC Unit UAS Bangalore focuses on inculcating the core values of humanitarian and seven principles of Indian Red Cross among the students	Enhances social responsibility, leadership qualities, empathy, discipline, and community service orientation among students. Develops disaster preparedness skills, teamwork, and a sense of civic duty, contributing to the overall personality development of students.

Sl. No.	Activities
1	Youth Red Cross Unit, University of Agricultural Sciences, Bangalore organized a "Personality Development Training Programme" in February, 2021 at UAS, GKVK. Around 150 students attended the training programme.
2	Youth Red Cross Unit, University of Agricultural Sciences, Bangalore organized a "Volunteer Blood Donation Camp" in June, 2022 at UAS, GKVK. More than 250 students participated and around 170 students donated the blood.
3	Youth Red Cross Unit, University of Agricultural Sciences, Bangalore organized a "Volunteer Blood Donation Camp" in June, 2023 at UAS, GKVK. 140 YRC volunteers and teaching and non-teaching facultydonated the blood.
4	Youth Red Cross Unit, University of Agricultural Sciences, Bangalore organized an "Awareness Programme on Breaking Barriers: An Interactive Session on Oncogynecology" in June, 2023 at UAS, GKVK. Around 150 post graduate and undergraduate students participated in the event.
5	Youth Red Cross Unit, University of Agricultural Sciences, Bangalore organized an interactive session on "Beyond the Comfort Zone: Empowering Mid-20s Youth for Life's Challenges" in June, 2023 at UAS, GKVK. Around 200 students participated.
6	Youth Red Cross Unit, University of Agricultural Sciences, Bangalore organized "World Health Day" in April 2024 at UAS, GKVK. Nearly 200 students and faculty participated.
7	Youth Red Cross Unit, University of Agricultural Sciences, Bangalore organized "World Red Cross Day" in May, 2024 at the College of Agriculture, Chintamani. More than 150 students and faculty participated.
8	Youth Red Cross Unit, University of Agricultural Sciences, Bangalore organized "World Red Cross Day" in May, 2024 at Haradanahalli Farm, Chamarajanagara. More than 100 students and faculty participated.
9	Youth Red Cross Unit, University of Agricultural Sciences, Bangalore organized "World Red Cross Day" in May, 2024 at the College of Agriculture, Mandya. More than 175 students and faculty attended the programme.
10	Youth Red Cross Unit, University of Agricultural Sciences, Bangalore organized "World Red Cross Day" in May, 2024 at UAS, GKVK. Nearly 200 students and faculty attended the programme.
11	Youth Red Cross Unit, University of Agricultural Sciences, Bangalore organized a "Training Programme on First Aid and CPR to Youth Volunteers" in October, 2025 at UAS, GKVK. More than 150 Students and faculty attended the training programme.
12	Youth Red Cross Unit, University of Agricultural Sciences, Bangalore organized a "Training Programme on First Aid and CPR" on 04-11-2025 at UAS, GKVK. Nearly 100 students and faculty attended the programme.
13	Youth Red Cross Unit, University of Agricultural Sciences, Bangalore organized a "Training Programme on First Aid and CPR" on 05-11-2025 at UAS, GKVK. More than 150 students and faculty attended the programme.
14	Youth Red Cross Unit, University of Agricultural Sciences, Bangalore organized a "Training Programme on First Aid and CPR" on 06-11-2025 at UAS, GKVK. More than 120 students and faculty attended the programme.
15	Youth Red Cross Unit, University of Agricultural Sciences, Bangalore organized an "Awareness Programme on Organ and Eye Donation" on 11-11-2025 at UAS, GKVK. More than 140 students and faculty attended the programme.

16	Youth Red Cross Unit, University of Agricultural Sciences, Bangalore organized "Rural Health Awareness Campaigns" during September, 2025 across multiple RAWE villages.
17	Youth Red Cross Unit, University of Agricultural Sciences, Bangalore organized student participation in the "Youth Icon Programme" in May, 2025 at Yenepoya University, Mangalore.
18	Youth Red Cross Unit, University of Agricultural Sciences, Bangalore organized a "Health and Blood Donation Camp" on 01-07-2025 at UAS, GKVK. More than 300 students participated and around 150 students donated the blood.
19	Youth Red Cross Unit, University of Agricultural Sciences, Bangalore organized a "Health and Blood Donation Drive" during Krishimela 2025 at UAS, GKVK. More than 200 students participated and around 90 students donated the blood.
20	Youth Red Cross Unit, University of Agricultural Sciences, Bangalore organized student participation in the "Global Youth Summit 2025" at Yenepoya University, Mangalore.
21	YRC volunteers from University of Agricultural Sciences, Bangalore participatedn in the "YRC Bengaluru Division Level Camp" in November, 2025 at Chitradurga.
22	YRC volunteers and program officer from CoS, Chintamani, University of Agricultural Sciences, Bangalore participated in the "Workshop for YRC Program Officers and Volunteers" in December, 2025 at Bengaluru City University.
23	YRC volunteers of B.Sc. (Hons.) ABM, CoA, GKVK, University of Agricultural Sciences, Bangalore, participated in an Air Raid Operation & Blackout Mock Drill was conducted on 28th April, 2026 at the Civil Defence Headquarters, Bengaluru.
24	Youth Red Cross Unit, University of Agricultural Sciences, Bangalore organized a "Blood Donation Camp" in February, 2017 at the College of Agriculture, Chintamani. More than 150 students participated and around 90 students donated the blood.
25	Youth Red Cross Unit, College of Sericulture, Chintamani, UAS (B), organized a "Blood Donation Camp" in March, 2018. More than 150 students participated and around 70 students donated the blood.
26	Youth Red Cross Unit, College of Sericulture, Chintamani, UAS (B), organized a "Blood Donation Camp" in March, 2019. More than 175 students were participated and around 90 students donated the blood.
27	Youth Red Cross Unit, College of Sericulture, Chintamani, UAS (B), organized a "Blood Donation Camp" in March 2021. More than 200 students participated and around 120 students donated the blood.
28	Youth Red Cross Unit, College of Sericulture, Chintamani, UAS (B), organized a "Blood Donation Camp" in September 2021. More than 170 students participated and around 80 students donated the blood.
29	Youth Red Cross Unit, College of Sericulture, Chintamani, UAS(B), organized a "Blood Donation Camp" in January, 2023. More than 200 students participated and around 110 students donated the blood.
30	Youth Red Cross Unit, College of Sericulture, Chintamani, UAS (B), organized "World Environmental Day Programme" in June, 2023.
31	Youth Red Cross Unit, College of Sericulture, Chintamani, UAS,(B), organized a "Swachhta Hi Seva Campaign Day Programme" in October, 2023.
32	Youth Red Cross Unit, College of Sericulture, Chintamani, UAS,(B), organized a "Rashtriya Eikyta Sapthaha Programme" on 01-11-2023.

33	Youth Red Cross Unit, College of Sericulture, Chintamani, UAS,(B), organized a "Rashtriya Ekta Diwas Programme" in October, 2023.
34	Youth Red Cross Unit, College of Sericulture, Chintamani, UAS(B), organized a "Mera Maati Mera Desh Programme" in August, 2023.
35	Youth Red Cross Unit, College of Sericulture, Chintamani, UAS(B), organized a "Parthenium Awareness Camp" in August, 2023.
36	YRC Unit, University of Agricultural Sciences, Bangalore in association with Youth Red Cross Society organized a "Blood Donation Camp" in June, 2022 at the College of Agriculture, V.C. Farm Mandya. More than 200 hundred students participated and around 125 students donated the blood.
37	Collage of Agriculture, V.C. Farm Mandya, UAS (B) in association with Youth Red Cross Society organized "Sadbhavana Day" in August, 2022. More than 150 students and Faculty participated.
38	Collage of Agriculture, V.C. Farm Mandya, UAS (B) in association with Youth Red Cross Society organized a "Blood Donation Camp" in September, 2022, in association with Institute of Medical College, Mandya. More than 150 students participated and around 85 students donated the blood.
39	College of Agricultural Sciences, V.C Farm Mandya UAS (B), organized a "5000 km Marathon Event" in January, 2023 as part of National Youth Day. More than 200 students and faculty attended the event.
40	"World No Tobacco Day" in May, 2023 organized by College of Agriculture, V.C. Farm Mandya, in association with the District Health and Social Welfare Department, Mandya. More than 100 members attended the programme.
41	Youth Red Cross Unit, College of Agriculture, V.C Farm Mandya UAS (B), organized a "Health Camp" in June, 2023 in association with NSS.
42	Youth Red Cross Unit, College of Agriculture, V.C Farm Mandya UAS(B), College of Agricultural Sciences, V.C Farm Mandya UAS(B), organized an "Awareness Programme on First Aid" in July, 2023.
43	Youth Red Cross Unit, College of Agriculture, V.C Farm Mandya UAS (B), College of Agricultural Sciences, V.C Farm Mandya UAS(B), organized "Sadbhavana Day" in August, 2022.
44	Youth Red Cross Unit, College of Agriculture, V.C Farm Mandya UAS(B), University of Agricultural Sciences, Bangalore organized a "Blood Donation Camp" in September, 2023 at the College of Agriculture, V.C. Farm, Mandya.
45	Youth Red Cross Unit, College of Agriculture, V.C Farm Mandya UAS (B), College of Agricultural Sciences, V.C Farm Mandya UAS(B), organized a "One Day Training Programme" in January, 2023, in association with the Indian Red Cross Society, Dakshina Kannada District.
46	University of Agricultural Sciences, Bangalore organized an "International Women's Day" programme in March, 2023 at the College of Agriculture, Hassan.
47	Youth Red Cross Unit, College of Agriculture, Hassan UAS (B), organized a "Blood Donation Camp" in May, 2023. More than 250 students participated and around 170 students donated the blood.
48	Youth Red Cross Unit, College of Agriculture, Hassan UAS (B), organized "Health Check Camps" in May, 2023, in collaboration with the District Health and Family Welfare Department, Hassan.
49	Youth Red Cross Unit, College of Agriculture, Hassan UAS(B), organized "World No Tobacco Day - 2023" in May, 2023.
50	Youth Red Cross Unit, College of Agriculture, College of Agriculture, Hassan UAS (B), organized an "AIDS Awareness Programme" in September, 2023.

51	Youth Red Cross Unit, College of Agriculture, Hassan UAS (B), organized a "Blood Donation Camp" in September, 2023. Nearly 270 students participated and around 120 students donated the blood.
52	Youth Red Cross Unit, College of Agriculture, Hassan UAS (B), organized a "Blood Donation Camp" in December, 2023, in association with HDFC Bank, Hassan. More than 150 students participated and around 70 students donated the blood.
53	Youth Red Cross Unit, College of Agriculture, Hassan UAS (B), a "Human Health Camp" in December, 2023. 30 volunteers and 10 Teaching and non teaching faculty attended the programme.
54	Youth Red Cross Unit, College of Agriculture, Haradanahalli Farm, Chamarajanagara, UAS (B), organized a "Disaster Management Awareness Programme" in July, 2023.
55	Youth Red Cross Unit, College of Agriculture, Haradanahalli Farm, Chamarajanagara, UAS (B), organized a "Free Health Check-up Programme" in September, 2023. 254 patients were tested, 30 students are volunteers and 8 faculty and non teaching staffs.



Air Raid Preparedness & Blackout Mock Drill



Free Health Camp



Blood Donation camp



Volunteer Blood donation Camp

NSS / NCC / programmes organized at College of Sericulture, Chintamani

NSS Special Camp

- National Service Scheme (NSS) Unit, College of Sericulture, Chintamani has organized 07 days Annual Special Camp at Sugutur Village, Kolar Taluk and District for III B.Sc. (Hons) Agri., B.Sc.

(Hons) Seri. and II Diploma (Seri.) students. Inauguration programme for NSS Special Annual Camp was held on 05.06.2022.

- Organized NSS Annual Special camp for III B.Sc. (Hons.) Agri., B.Sc. (Hons) Seri. and Diploma students at Booraghamakalahalli village, Chintamani taluk, Chikaballapura District from 09.09.2023 to 15.09.2023
- NSS Unit of College of Sericulture, Chintamani organized NSS Annual Special camp for III B.Sc. (Hons.) Agri, B.Sc. (Hons) Seri., students from 14-08-2024 to 20-08-2024 held at Horticulture Research and Extension Center Hogalagere, Srinivaspura Taluk, Kolar District.
- College of Sericulture, Chintamani Campus, NSS unit organized Annual Special Camp for II B.Sc. (Hons.) Agriculture, B.Sc. (Hons.) Sericulture students from 05.08.2025 to 11.08.2025 for seven days at Kashettipalli village, Srinivaspur (Tq.), Kolar (Dist.).

Major activities undertaken by NSS volunteers in special camps

During the academic years 2021-22 to 2025-26, the NSS volunteers of the College of Sericulture, Chintamani actively participated in various activities during the Special Rural Camps organized in adopted villages. The major activities included village surveys to identify local problems, cleanliness drives and sanitation campaigns under Swachh Bharat Abhiyan and Shramdaan (voluntary labour) for cleaning roads, school premises and public places. Volunteers conducted awareness rallies and street plays on health, hygiene, environmental protection, drug abuse prevention and the importance of education. They also organized tree plantation programmes, plastic-free village campaigns and environmental conservation activities. Health and social welfare programmes such as medical check-up camps, blood donation awareness and nutrition and hygiene awareness programmes were conducted for villagers. In addition, volunteers interacted with farmers and rural communities to create awareness about agricultural practices, sericulture development and sustainable farming. Educational activities like quiz competitions, cultural programmes and sports events for school children and village youth were also organized. These activities helped promote community development, environmental awareness and social responsibility among students while strengthening the relationship between the college and the rural community.

Programme Conducted/Organized Under National Service Scheme (NSS)

The National Service Scheme (NSS) Unit of the College of Sericulture, Chintamani organized and conducted several programmes during the academic years 2021-22 to 2025-26 to promote social responsibility and community development among students. The NSS unit regularly organized orientation programmes for volunteers, Swachh Bharat cleanliness drives, campus and village sanitation activities and tree plantation programmes such as Vanamahotsava and World Environment Day celebrations. Volunteers also conducted awareness rallies and campaigns on environmental protection, plastic-free villages, parthenium weed management, health and hygiene and drug abuse prevention. The unit celebrated important occasions including International Yoga Day, National Youth Day, NSS Day, Independence Day, Republic Day, Gandhi Jayanti, Dr. B.R. Ambedkar Jayanthi, Sadbhavana day, parthenium awareness programmes, "FIT INDIA FREEDOM RUN-2.0" Rastriya Ekta Diwas progamme, Rashtriya Eaikyatha Saptha, Pariksha Pe Charcha, Anti-Terrorism Day, Communal Harmony Campaign Week and Flag Day, National Voters Day, Martyrs Day, Vigilance Awareness Week, Constitution day programme and Viksit Bharat @ 2047, Voice of the Youth, Consultation Programme with active student participation. In addition, blood donation camps, health awareness programmes, educational activities for school children and personality development programmes for students were organized. NSS volunteers also participated in special rural camps in adopted villages, where they carried out activities such as village surveys, shramdaan (voluntary labour), sanitation drives, farmer interaction

programmes and community awareness campaigns. These programmes helped in strengthening the bond between students and rural communities while developing leadership, teamwork and social service values among NSS volunteers.

Status of extra and co-curricular activities of College of Agriculture, Mandya

Details of sports events participated by College of Agriculture, Mandya

Sl. No.	Type of event	Name of the event	Event participated / Organised	Award / Medals received in the events
2021-22				
1	**Inter-campus**	Chess	Participated	-
2022-23				
1	**Zonal level**	Football	Participated	-
2	**Inter-campus**	Basketball (Women)	Participated	-
2023-24				
1	**National**	Volleyball (Women)	Participated	-
2024-25				
1	**National**	Kabaddi (Men)	Participated	-
2	**Inter-campus**	Kabaddi (Women)	Participated	-
2025-26				
1	**Inter-campus**	100 M (Men & Women)	Participated	-





Athletic meet held at CoA, Mandya




College of Agriculture, V.C Farm, Mandya emerged during inter-collegiate meet of UASM




Basketball tournament organized at UASM, CoA, Mandya




Winners of Sports and Games from UASM, CoA, Mandya

Details of the cultural events participated by College of Agriculture, Mandya

As a part of overall development of students, University is giving an equal opportunity to express cultural talents among students. At our campus, a cultural team named "Natana" is proactive in organizing cultural events and also participate at various levels like inter-campus, university, zone, and nationals. This centre is monitored by staff advisors and group of volunteers.



Group song by teachers



Faculty participation in cultural events





Participation of the students in Kannada Rajyotsava programme





Students cultural programme during National festival



Drama from COA students at youth festival 2024-25 held at Agriculture College, Hassan



Fresher's day celebration

NSS/ NCC/ programmes organized

Special camps organized during 2021-22 to 2025-26

Academic Year	Duration	Place
2021-22	20.06.2021 to 26.06.2021	Narahalli, Pandavapura Taluk
2022-23	26.09.2022 to 2.10.2022	Modachakanahalli, Mandya Taluk
2023-24	09.09.2023 to 15.09.2023	Uramarakesalgere, Mandya Taluk
2024-25	13.09.2024 to 20.09.2024	Gopalapura, Mandya Taluk
2025-26	05.08.2025 to 11.08.2025	Chikkaballi, Mandya Taluk

- **Report of Blood Donation Camp at Narahalli, Pandavapura Taluk**

Blood donation camp was organized by Youth Red Cross Society, CoA, Mandya in collaboration with NSS, V.C. Farm, Mandya at Gunnayakanahalli village. The programme received good response from village and students of the college and about 91 blood donors came voluntarily to donate blood. The programme was successfully conducted and ended with collection of 67 blood units.





Students voluntarily donating blood during blood donation camp



Programme Officer of YRCS and NSS receiving Appreciation Certificate from Camp Co-ordinator, MIMS, Mandya

- **Poster Making Competition for International Day on Disaster Risk Reduction**

Poster Making Competition was organized by Youth Red Cross Society, CoA, Mandya in account of International Day on Disaster Risk Reduction on 13/10/2021





B.Sc. (Hons.) in Agri., students participated in Poster Making Competition





Art by students who secured I and II position in poster making competition

- Celebrated environmental day on 09.06.2022 by planting tree saplings by NSS volunteers and staffs at arboretum, CoA, V.C. Farm, Mandya.




Planted tree saplings on eve of environmental day

- Organized and conducted **NSS special camp** for III B.Sc.(Hons) Agri., students from 20.06.2022 to 26.06.2022 (7 days) at Narahalli village, Pandavapura Tq., Mandya Dist. During camp NSS volunteers conducted swacha barat abhiyan, yoga day, vanamahotswa, value addition to millets for women group in village, general health campaign in collaboration with Taluk health centre, Pandavapura, blood donation camp in collaboration with Red cross society & MIMS, Mandya and regular programmes on creating awareness on various issues was carried out and evening cultural Program was organized at Narahalli village.




Special camp inaugrated by honarable Dean student welfare

- Organized and conducted NSS special camp for II year Diploma Agri., students from 29.07.2022 to 02.08.2022 (5 days) at Goravale village, Mandya Tq. & Dist. During camp NSS volunteers conducted swacha bharat abhiyan, vanamahotswa, value addition of various food products and regular evening programmes on creating awareness on various issues was carried out at Goravale village.




Inaugration of NSS special camp at Modachakanahalli village by Dean (Agri.), CoA, Mandya

Vanamahothsawa





Blood donation programme



Mass Yoga and warm upsession



Shramadhan at various streets of Uramarakasalgere



Volunteers with Sri. Satya Sai Veva trust during campaign on disaster management



Cultural activities performed by volunteers



Shramadanaat temple and Dairy premises



Agricultural Technology Demonstration by KVK scientists



NSS volunteers prepared flower bouquets for guest



NSS Volunteers prepared poster on Artificial Groundwater Recharge





Blood donation camp





Cultural programmme by the students

- The Ministry of Youth Affairs and Sports initiated Swatcha Hi Seva 2024 through My Bharat Portal was successfully conducted by College of Agriculture, V.C. Farm, Mandya through NSS Units. The National Service Scheme (NSS) unit of the College of Agriculture, Mandya, organized a "Swachhata-Hi-Seva" program on 23rd September, 2024. The event was inaugurated by the Dean (Agri), Dr. Chandrappa, near the college premises, marking the beginning of an impactful initiative. NSS volunteers enthusiastically participated, cleaning the campus grounds and college road by collecting plastics and other debris. Their efforts extended to the main road of the college, with volunteers actively engaging in spreading awareness about the importance of cleanliness and waste management among local villagers and the community near the V.C. Farm campus. In addition to the cleanup, volunteers also educated the public about sustainable practices, urging them tó reduce the use of single-use plastics. The initiative aimed to foster a sense of environmental responsibility

and community participation. NSS Programme Officers, Dr. G. Sugeetha and Praveen P., were present during the event, motivating the volunteers and providing guidance throughout the activity. The program concluded with a pledge by all participants to continue contributing to the cause of cleanliness and to maintain a healthy and sustainable environment in the future. 100 volunteers participated in the programme. Cleaning programmes were organized at RAWE performing villages by College of Agriculture, V.C. Farm, Mandya on 29/09/2024 along with Co-ordinators and Associate Co-ordinators. The andolan completed on 02/10/2024 by organizing Gandhi Jayanti at College of Agriculture, Mandya.





Distribution of My Bharat caps, Diary and Pen to NSS volunteers by Dean (Agri.) Dr. Fathima and senior teaching staff





Cleaning activities near V.C. Farm campus performed by NSS volunteers



Cleaning Activities performed by Final year students at Doddagarudanahalli village



Taking oath at Kaveri Girls hostel on Nasha Mukth Bharat

NSS Youth Festival (Year-End Camp)

State level Youth Festival was conducted by NSS Unit, Karnataka at Mysore University, where volunteers participated in extensive social service activities, awareness programs, cultural activities and self-development workshops



Students took part in Trekking activities and collected single use plastic at Utridurga, Tumkur District



Students took part in Millets Wakathon 2024-25 at Mandya



Jatha on Environment at various streets of Chikkaballi



Cultural activities performed by volunteers





Shramadan activities organized at Chikkaballi and Aanososalu villages




ನಮ್ಮ ದೇಶದ ಪ್ರಮುಖ ಬೆನ್ನೆಲುಬು ಕೃಷಿ: ಕೆ ಆರ್ ನಂದಿನಿ

Mandya Zilla Panchayat CEO Smt. Nandini addressed NSS volunteers

Status of extra and co-curricular activities of College of Agriculture, Hassan

✓ Details of sports events participated by College of Agriculture, Hassan

Sl. No.	Type of event	Name of the event	Event participated	Award / Medals received in the events
2022-23				
	Inter-campus	Kho-Kho	Participated	Winners (W)
		Kabaddi		Winners (W)
		Kabaddi		Winners (M)
		Badminton		Winners (W)
		Kho-Kho		Runners (M)
		Ball badminton		Runners (W)
		Football		Runners (M)
		Volleyball		Runners (W)
		Chess		Runners (M)
2023-24				
	Inter Campus	Table Tennis	Participated	Winners (W)
		Badminton		Winners (W)
		Ball Badminton		Winners (W)
		Ball Badminton		Winners (M)
		Volleyball		Winners (M)
		KhoKho		Winners (W)
		KhoKho		Winners (M)
		Basketball		Runners (W)
		Chess		Winners (W)
		Chess		Winners (M)
2024-25				
	Inter Campus	KhoKho	Participated	Winners (W)
		KhoKho		Winners (M)
		Table Tennis		Winners (W)
		Volleyball		Winners (W)

		Cricket		Runners (M)
		Badminton		Runners (W)
		Chess		Runners (W)
		Basketball		Runners (W)
2025-26				
	Inter Campus	Chess	Participated	Winner (M)
		Chess		Runners (W)
		Volleyball		Winners (W)
		Volleyball		Runners (M)
		Kho-Kho		Winner (M)
		Badminton		Winner (M)
		Badminton		Winner (W)
		Table tennis		Runners (M)
		Kabaddi		Winner (M)

✓ **Details of the cultural events participated by College of Agriculture, Hassan**

Academic Year	Dance	Theatre			
	Group	S	OAP	M	MA
2022			Ist place	-	-
2023	Ist place	Ist place	IIIrd place	-	-
2024	Ist place		Ist place	Ist place	-

S: Skit, OAP: One act play, M: Mine, MA: Mono acting

✓ **Cultural activities of College of Agriculture, Hassan**

Sl. No.	Organized / Year	Event	Awards / Prize
2024-25			
1	**Youth Festival**	One act play	1st
		Skit	1^{st,}
		Mono acting	3rd
		Clay modelling	1st
		Collage making	1st
		Cartooning	2nd
		Light vocal	3rd
		Group song patriotic	2nd
		Group song folk	2nd
		Quiz	3rd
		Extempore	1st

✓ **Cultural activities participated, by the College of Agriculture, Hassan (Zonal level) are furnished below**

Sl. No.	Year	Name of the event	Event organised / participated	Award / Medals received in the events
	2023-24	One act play	36th AIU South East zone youth fest GULFEST	2nd place
	2024	One act play	38th AIU South East zone	1st place

NSS -Activities during the year 2021-22

- ✓ **International Yoga Day:** June 21st 2021, Karnataka State NSS cell Conducted International Yoga Day for NSS Volunteers' and Programme Officers of College of Agriculture, Hassan.
- ✓ **NSS Special Camps:** The NSS camp was successfully conducted in the village Dondiganalli, Channarayapattanataluk, Hassan District from 13-09-2021 to 19-09-2021 for III-year B.Sc. (Horns.) Agriculture, B.Tech (Biotechnology) and B.Tech. (Food Technology) as well as IV B.Tech (Biotechnology) and B.Tech. (Food Technology). The NSS volunteers of 346 had actively participated and involved in the NSS activities every day.
- ✓ The **VANAMAHOSTAVA** program was held on 13/09/2021 in the Dondiganalli, Channarayapattanataluk, Hassan District and planted 50 tree seedlings and planned for 500 tree seedlings for farmers under MNAREGA scheme. In this program Sri Ravindra ACF, Sri Prasannakumar, Sri Yatheesh RFO from Forestry Department Channarayapattana, Hassan District has inaugurated the program. The NSS P.Os Dr.Channakeshava, S., Dr.Nagesha, S.N. and Dr.Anitha S., organised the program under the direction of Dr.S.N.Vasudevan, Dean(Agri.), CoA, Hassan.
- ✓ **In view of Azadiki Amruth Mahosthav FIT INDIA FREEDOM RUN** 2.0 was organised by NSS POs at Muraranalli, on 18.09.2021 In this run all NSS volunteers, CoA, faculty and staff along with veterinary college staff and students were participated actively.
- ✓ **National Integration Day & Women's Day: 24-11-2021**: The programme on National Integration Day and Women's Day celebration organised at College of Agriculture, Karekere, Hassan on 24-11-2021. The programme was started with invocation by Archana B.B. from First B.Sc. (Hons) Agriculture student. The programme was inaugurated by the Chief guest Smt. HemaAnanth , Progressive Farm women , Hassan
- ✓ **The Programme on Environment Day : 25-11-2021:** The programme on Environment Day was celebrated at College of Agriculture, Karekere, Hassan on 25-11-2021. Dr Channakeshava S, NSS Programme Officer welcome of the dignitaries on to the dias and gathering. Smt. Shruti, Range Forest Officer, Hassan inaugurated and delivered guest lecture on conservation of Biodiversity.
- ✓ **Communal Harmony Campaign week 2021 Celebration and Vigilance Awareness Week:** Under Communal Harmony Campaign week 2021, Vigilance Awareness Week was observed on 23-11-2021 at College of Agriculture, Hassan for staff and students. Dr.S.N. Vasudevan, Dean (Agri) CoA, Hassan spoke regarding maintaining Communal Harmony and Integrity in the institutions for nation building.
- ✓ **Celebration of World soil Day -2021 at College of Agriculture, Karekere, Hassan:** The Programme on World soil Day was conducted at college of Agriculture, Karekere, Hassan on 5th of December. Dr. M. A. Shankar, Former Director of Research UAS, Bangalore delivered speech on objectives of conducting World soil day with slogan of **"Halt Soil Stalinization and Boost soil productivity"** all over the world with an intention of maintaining soil Health for better future.

NSS -Activities during year 2022-23

Celebrating 8th International Yoga Day: As part of the NSS activity, the 8th International Yoga Day was celebrated on 21st June 2022 by the students of second- and third-year B.Sc (Hons.) Agriculture, B.Tech.(Bio Technology), B.Tech. (Food Technology) and other volunteer students along with Dean (Dr. S. N. Vasudevan) and teachers with enthusiasm at the sports ground of CoA, Hassan. Yoga sessions were

carried out continuously for7 days from 14.06.22 till 21.06.22 under the guidance of Mr. Prameshwar and Mrs. Aema Parmeshwar the founder of "Intense - The Divine Yoga Healing Centre" for yoga and spiritual healing in Hassan.

International Yoga Day 2022celebration at Halebeedu: The eighth International Yoga Day was organised by the district administration in association with Zillapanchayat, Ayush department and various organisations at Halebbedu, Hasssan district.Union minister of Agriculture and Farmers welfare, Ms.Shobha Karandlaje, Pushpagiri Mutt Seer Somashekar Shivaycharya, Belur M.L.A K.S. Lingesh, District collector R. Girish performed yoga along with thousands of participants in a mass demonstration in the backdrop of the iconic and historical Hoysaleshwara temple, Halebbedu on 21st June, 2022.

Martyrs' day celebration (30.01.2023): As a part of Martyrs' Day celebration on 30.01.2023, all the students and staff assembled in front of the main building at 10.58 and silence was observed from 11.00am to 11.02am. The concerned NSS Programme Officers took the lead and made the necessary arrangements to conduct the programme.

Literary Activities: A total of **63 literary activities** were conducted involving students from B.Sc. (Hons.) Agriculture, B.Tech.(Food Technology), and B.Tech. (Biotechnology programmes. These activities included debates, essay writing, slogan writing, and awareness talks, with active participation from both I and II year students, indicating strong engagement in intellectual and communication skill development.

Cultural Activities: The NSS Unit organized **6 cultural activities** during the reporting period. These activities provided a platform for students to express cultural diversity and creativity through songs, skits, and performances, with participation mainly from B.Sc. (Hons.) Agriculture and B.Tech.(Biotechnology students.

Cleaning of premises in and around buildings: A total of **41 activities** were carried out focusing on cleaning and maintaining the premises in and around academic and residential buildings. Students from all programmes and years actively participated, promoting cleanliness, hygiene, and responsibility towards maintaining a healthy campus environment.

Parthenium Eradication: To address the issue of invasive weeds, **21 parthenium eradication activities** were undertaken by NSS volunteers. Students from all three academic programmes actively participated in removing *Parthenium hysterophorus*, thereby contributing to environmental protection and public health awareness.

Plastic and Litter Removal: A total of **29 activities** related to plastic and litter removal were conducted across the campus and surrounding areas. These activities sensitized students to the hazards of plastic pollution and encouraged the practice of proper waste management and environmental conservation.

Tree Planting, Weeding, and Clearing of Tree Basins: The NSS Unit conducted **29 activities** involving tree planting, weeding, and clearing of tree basins. Participation from all programmes helped enhance green cover on campus and promoted awareness about afforestation and sustainable environmental practices.

Watering of Plants: A total of **27 activities** were undertaken for watering plants to ensure the survival and healthy growth of saplings planted on campus. NSS volunteers demonstrated consistent commitment towards nurturing greenery and sustaining the ecological balance.

Campus Beautification and Garden Maintenance: With **34 activities**, campus beautification and garden maintenance formed a major component of NSS work. Activities included landscaping, lawn maintenance, and aesthetic improvements, contributing to a pleasant and eco-friendly campus atmosphere.

NSS Volunteers Involving in Farm Activities: A total of **8 farm-related activities** were conducted involving NSS volunteers. These activities provided hands-on experience in agricultural operations, strengthening practical knowledge and fostering respect for farming and agricultural practices.

Overall Participation: In total, **258 NSS activities** were carried out during the academic year with active participation from I and II year students of all three programmes, reflecting the NSS Unit's strong commitment to community service, environmental sustainability, and holistic student development.

NSS -Activities during year 2023-24

World Environment Day (15.06.2023): The NSS Unit of the College of Agriculture, Karekere observed World Environment Day with active participation from staff and NSS volunteers. The programme aimed at creating awareness on environmental protection and sustainability through cleanliness activities and discussions highlighting the importance of preserving natural resources.

World Yoga Day (21.06.2023): World Yoga Day was celebrated by the NSS Unit with the involvement of staff and NSS volunteers. The programme emphasized the significance of yoga in maintaining physical, mental, and emotional well-being. Volunteers participated enthusiastically in yoga sessions promoting a healthy lifestyle.

Meri Maati Mera Desh Programme (09.08.2023 to 15.08.2023): As part of the national campaign "MeriMaatiMeraDesh," NSS volunteers actively participated in activities that fostered patriotism and respect for the nation. The programme highlighted the role of citizens in nation-building and honoring the sacrifices of freedom fighters.

Anti-Ragging Week (12.08.2023 to 18.08.2023): The NSS Unit observed Anti-Ragging Week to create awareness about the ill effects of ragging and to promote a safe and healthy academic environment. NSS volunteers conducted awareness campaigns and pledged to uphold a ragging-free campus.

SwachhtaPakhwada (01.09.2023 to 15.09.2023): During Swachhta Pakhwada, NSS volunteers undertook cleanliness drives within and around the college campus. The programme aimed at instilling the values of hygiene, sanitation, and environmental cleanliness among students and the community.

Oath Taking Programme on International Democracy Day (15.09.2023): On the occasion of International Democracy Day, staff and NSS volunteers participated in an oath-taking programme to

reaffirm their commitment to democratic values, duties, and responsibilities as responsible citizens of the nation.

Orientation on Mental Health (20.09.2023): An orientation programme on mental health was organized for I-year NSS volunteers to sensitize them about mental well-being, stress management, and emotional resilience. The session emphasized the importance of seeking help and maintaining psychological health.

Swachhata Hi Seva Programme (01.10.2023): The NSS Unit organized the Swachhata Hi Seva Programme, where NSS volunteers participated in cleanliness drives and awareness activities. The programme reinforced the message of cleanliness as a shared social responsibility.

Participation in NSS Youth Festival (03.10.2023 to 07.10.2023): Eight NSS volunteers represented the college at the NSS Youth Festival 2022–23 held at UAS, Raichur. The volunteers actively participated in various competitions, wherein Ms.Chandana, M. and Ms.Sridevi, P., secured Gold Medals in the Debate Competition, bringing laurels to the institution.

Fit India Swachhata Freedom Run 4.0 (31.10.2023): The Fit India Swachhata Freedom Run 4.0 was organized with participation from staff and NSS volunteers. The event aimed at promoting physical fitness and cleanliness as integral components of a healthy nation.

National Unity Day Programme (31.10.2023): National Unity Day was observed to commemorate the birth anniversary of Sardar Vallabhbhai Patel. Staff and NSS volunteers participated in unity pledge and awareness activities emphasizing national integration and unity.

One-Day Shramdaan and Workshop on Gandhian Principles (08.11.2023): A one-day Shramdaan programme followed by a workshop on Gandhian principles was organized with the participation of staff and NSS volunteers. The programme highlighted the relevance of Mahatma Gandhi's ideals such as truth, non-violence, and selfless service in contemporary society.

South Zone NSS Pre-Republic Day Parade Camp (30.10.2023 to 08.11.2023): Ms.Shraddha R. Hadi, III B.Sc. (Hons.) Agriculture NSS volunteer, represented the college at the South Zone NSS Pre-Republic Day Parade Camp 2023. Her participation reflected the discipline, leadership, and commitment fostered through NSS activities.

Constitution Day and Preamble Oath Taking (26.11.2023): Constitution Day was observed by NSS volunteers through a Constitution Preamble oath-taking programme. The activity aimed at enhancing awareness about constitutional values, rights, and duties among students.

Blood Donation Camp (14.12.2023): A Blood Donation Camp was organized by the NSS Unit with the participation of staff, students, and NSS volunteers. The programme promoted voluntary blood donation and social responsibility towards saving lives.

NSS State Republic Day Parade Camp (14.01.2024 to 26.01.2024): Ms.Shraddha R. Hadi represented the college at the NSS State Republic Day Parade Camp 2024 and secured II Prize, which was awarded by the Hon'ble Governor of Karnataka. Her achievement brought recognition and pride to the institution.

Constitution Awareness Campaign (21.02.2024 and 25.02.2024): The NSS Unit conducted a Constitution Awareness Campaign to educate students and the public on constitutional values, democratic principles, and civic responsibilities.

Mera Pehla Vote Desh KeLiye Programme (28.02.2024 to 14.03.2024): The "Mera Pehla Vote Desh Ke Liye" programme was organized for I-year NSS volunteers to encourage first-time voters to exercise their democratic right responsibly. The programme emphasized the importance of electoral participation in strengthening democracy.

NSS -Activities during year 2024-25

- **World Environment Day (05.06.2024):** The NSS Unit organized World Environment Day to create awareness among students about environmental protection and sustainable development. NSS volunteers actively participated in tree planting, campus cleanliness, and awareness activities highlighting the importance of conserving natural resources and protecting biodiversity.
- **World Yoga Day (21.06.2024):** World Yoga Day was observed with the participation of NSS volunteers to promote physical fitness, mental health, and holistic well-being. The programme included yoga demonstrations and awareness sessions emphasizing the role of yoga in maintaining a balanced and healthy lifestyle.
- **Swachhta Hi Sewa Programme (23.09.2024):** The Swachhta Hi Sewa programme was organized to promote cleanliness and sanitation. NSS volunteers conducted cleaning drives in and around the campus and nearby public places, reinforcing the message of "Cleanliness as a Social Responsibility."
- **Shramdaan during Vigilance Awareness Week (29.10.2024):** On the occasion of Vigilance Awareness Week, the NSS Unit organized a Shramdaan programme to emphasize integrity, transparency, and collective responsibility. Volunteers participated in cleanliness and community service activities, linking ethical values with social action.
- **National Unity Day (31.10.2024):** National Unity Day was observed to commemorate the birth anniversary of Sardar Vallabhbhai Patel. NSS volunteers took the Unity Pledge and participated in awareness activities promoting national integration, unity, and harmony.

- **Awareness Programme on Competitive Examinations (17.12.2024):** An awareness programme on competitive examinations was organized in collaboration with Shankar IAS Academy, Bengaluru. Experts guided students on preparation strategies for civil services and other competitive exams, motivating them to pursue careers in public service.

- **Veer Bal Diwas (26.12.2024):** Veer Bal Diwas was observed to commemorate the bravery and sacrifice of young martyrs. NSS volunteers participated in awareness talks and activities highlighting patriotism, courage, and national pride.

- **Mass Tree Planting Programme (January, 2025):** A mass tree planting programme was conducted to enhance green cover and promote environmental sustainability. NSS volunteers actively participated in planting and nurturing saplings, emphasizing the importance of afforestation in combating climate change.

- **National Youth Day (15.01.2025):** National Youth Day was celebrated to mark the birth anniversary of Swami Vivekananda. The programme inspired students to adopt the ideals of youth leadership, self-discipline, and nation-building through interactive sessions and motivational activities.

- **Regular Shramdaan Activities during NSS Class Hours:** As part of regular NSS activities, volunteers actively participated in Shramdaan during NSS class hours. These activities instilled a sense of discipline, teamwork, and responsibility towards society and the environment.

- **Parthenium Eradication Programme:** NSS volunteers conducted Parthenium eradication programmes to control the spread of the invasive weed. The activity helped in improving environmental health and creating awareness about the harmful effects of Parthenium on human health and agriculture.

- **Plastic Removal Programme:** Plastic removal drives were regularly organized to address plastic pollution. Volunteers collected and segregated plastic waste from campus and nearby areas, promoting eco-friendly practices and responsible waste disposal.

- **National Highway Cleaning Programme:** NSS volunteers participated in National Highway cleaning programmes to ensure cleanliness and safety along public roads. The activity highlighted civic responsibility and contributed to maintaining public spaces.

NSS -Activities during year 2025-26

- 134th Dr. B. R. Ambedkar Jayanthi was celebrated at College of Agriculture on 14.04.2025, as a part of this Padayathre was taken in Shanthigramma village with nearly 200 students of II Year UG students.
- Poshan Pakhwada programme conducted at College of Agriculture, Hassan from 08-04-25 to 22-04-25 as directed. In this the students are enlightened with awareness on importance of nutrition food to children's and women's.

- On 26-04-25 on the occasion of World Earth Day awareness programme on legislature was conducted at College of Agriculture, Hassan in association with District Lawyers association, Hassan. In this programme all the UG students were participated.

- The 11th International Yoga Day with the theme Yoga for one Earth, One Health is celebrated on 21-06-2025 at College of Agriculture, Karekere, Hassan. In this programme Sri. Parameshwar Suparnasa, Founder of Yoga and Spiritual training center, Hassan is invited as chief guest. All the students of 1 year B. Sc. (Hons), Agriculture, B. Tech (Biotechnology) and B.Tech. (Food Technology) students and NSS Programme Officers Dr. M.S.P. Kanavi, Dr. H. Manjunatha, Dr. S. Anitha and Dr.Bharath Prasad , C. T. were participated in the programme. In the programme Sri. Parameshwar Suparnasa has taught different yogasans and also explained the importance of yoga in life for good health and sound mind.

NSS Special Camp (2021-22)

NSS special camp of Akkanahalli Village: The NSS Special Camp was organized at NSS adopted Village Akkanahalli, Channarayapattana, Hassan District for Final year students of BSc (Hons) Agri., during 2021-College of Agriculture, Karekere, Hassan on 8-01-2022.The NSS activities in the village starts with Flag hoisting in the Morning by volunteers and Programme Officer with Chief Guest for flag hoisting programme.

NSS Special Camp(2022-23)

Organizing Special NSS Camp at Kasturaba Gandhi National Memorial Trust, Arsikere, Hassan: Special NSS camp was conducted from 09.10.2022 to 15.10.2022 (7 days) at Kasturaba Gandhi National Memorial Trust, Arasikere, Hassan. Sri. K.M. Shivalingegowda, Legislative member, Arsikere Constituency, inaugurated the camp and advised students to actively involved in all the camp activities and learn social values to help farmers. In total, 111 boys and 113 girl volunteers participated actively in this camp. **Establishment of Rose Garden at Ashram -** Planted 600 Rose plants of Arka Parimala (300 Nos., for Gulkhand - promote cottage industry), Arka Sukanya, ArkaKiran, Arka Randhawa, Arka Sharmeeli and ArkaSinchana. **Establishment of Fruit Garden at Ashram** - More than 20 types of fruit species (nearly 100 plants) were planted.

NSS Special Camp (2023-24)

NSS Special Camp (09.09.2023 to 15.09.2023): A seven-day NSS Special Camp was organized at Shri Basaveshwara Swamy Punyakshetra, Channarayapattana Taluk, with the participation of II-year NSS volunteers. Various activities such as village cleanliness, awareness programmes, and community interaction were conducted, promoting social responsibility and leadership among volunteers.

NSS Special Camp (2024-25)

NSS Annual Special Camp (14.08.2024 to 20.08.2024): A seven-day NSS Annual Special Camp was conducted at Jagaravalli village, Hassan Taluk, with the participation of second-year students from all three-degree programmes. The camp focused on rural development activities such as village cleanliness, awareness programmes, Shramdaan, and community interaction, fostering leadership, teamwork, and social responsibility among volunteers.

NSS Special Camp (2025-26)

The NSS Special Camp was organized from 4th August 2025 to 11th August 2025 at Hariharapura village, Hosakote Hobli, Hole Narasipura Taluk, Hassan District, under the leadership of NSS Programme Officers. A total of 222 students participated in the camp, comprising 99 students from II B.Sc. (Hons.) Agriculture, 57 students from II B.Tech. (Biotechnology), and 66 students from II B.Tech. (Food Technology). Major activities are carried out during the special camp: shramadan (Voluntary Service) Animal Health Camp, Demonstration on Fire Safety Tree Plantation Drive, Health and Hygiene Awareness Procession, Invited Talk on "Importance of Forests and Forest Policies"

Major Activities undertaken by NSS volunteers in special camps

- ✓ Establishment of Rose Garden at Ashram - Planted 600 Rose plants of Arka Parimala (300 Nos., for Gulkhand - promote cottage industry), Arka Sukanya, Arka Kiran, Arka Randhawa, Arka Sharmeeli and Arka Sinchana. Establishment of Fruit Garden at Ashram - More than 20 types of fruit species (nearly 100 plants) were planted.
- ✓ Various activities such as village cleanliness, awareness programmes, and community interaction were conducted, promoting social responsibility and leadership among volunteers.
- ✓ NSS volunteers during the special camp: shramadan (Voluntary Service) Animal Health Camp, Demonstration on Fire Safety Tree Plantation Drive, Health and Hygiene Awareness Procession, Invited Talk on "Importance of Forests and Forest Policies".

The Details of student participation in different NSS events, College of Agriculture, Hassan

Sl. No.	Year	Type of event	Name of the event	Event organised / participated	Award / Medals received
1	2023	Youth festival	NSS Youth festival	8 NSS volunteers CoA, Hassan	Ms. Chandana M and Ms. Shridevi II B. Sc. (Hons.) Agri. Got Gold medal in debate competition
2	2024	Camp	NSS State Republic Day parade camp	Ms.Shraddha R Hadi II B. Sc. (Hons.) Agri.	II Prize awarded by Hon' ble Governor of Karnataka

6.6.6.3. Health Facilities

The University of Agricultural Sciences, Bangalore has established a dispensary on the campus to provide basic healthcare facilities to students, staff, and other residents of the university. The dispensary is staffed with two qualified doctors who provide primary medical consultation and treatment for common health issues. It is equipped with essential medical equipment and a supply of basic medicines to ensure timely medical care for minor illnesses and emergencies. In addition to outpatient consultation and treatment, the dispensary also provides first-aid services and health guidance to the campus community. An ambulance facility is available to handle medical emergencies and to transport patients to nearby hospitals when advanced medical care is required. This healthcare facility plays an important role in ensuring the well-being and safety of students and staff within the campus.

Head Quarter, GKVK (Health facilities)

UAS Dispensary is providing general medical facilities to the students and staff of GKVK campus for the treatment of common ailments. Cases of a severe nature are referred to major hospitals for advance treatment. There is well-qualified medical, paramedical staff, for smooth delivery of health care. In the University headquarters, health facility is provided to the UG, PG, Ph.D., International students and their families, staff, faculty and the families of the employees residing in the quarters of the campuses.

Medical Facilities

There is seven bedded Main Health Centre (UAS dispensary) at GKVK Campus, Bangalore, measuring about 2500 sq. ft. It has sufficiently equipped Laboratory, pharmacy, Causality / first aid room, medical record room, observation room, two consultation rooms for consultation for examining the patient and waiting lounge for patients, besides, separate washrooms for collecting urine / stool samples.

Staff position

This Centre has one Chief medical officer / Lady medical officer, one Asst. Medical officer (Male), one Sr. Pharmacist, one Pharmacist, one Pharmacist (on contract), one Lab technician, one Ward boy, Ambulance driver, one Housekeeping staff.

Equipment

The UAS Dispensary, GKVK has major equipment like, 12 Lead ECG machine for basic investigation for heart diseases, Otoscope for examination of external ear, glucometer- for estimation of capillary glucose; tuning forks for basic hearing tests (Rennes /Weber's), autoclave for sterilization of wound dressings, instruments for wound management, etc., Nebulizer for nebulizing acute bronchial asthma; X-Ray viewer. From 2012, 24x7 Ambulance facility is available. Designated ambulance drivers work in shifts. Apart from ambulance, an alternative vehicle is spared exclusively for students, for utilization during emergencies. There is home visit facility to the bed ridden/very sick patients is available. There are permanent and general health cards, arranged in a serial order for easy and quick service. Separate Health record books are maintained for the patients working on contract basis requiring long term follow up. This has helped the patients for follow up as well as treatment during emergencies (past medical history aids in the management of emergencies.). Apart from above facilities, a first aid kit is provided to boys and girls (UG/PG) hostels and international hostel for utilisation during odd hours.

Clinical Laboratory facility

Established in the year 2008 with qualified lab technicians and staff. Laboratory is also enrolled into external quality assessment Scheme (EQAS), CMC-Vellore for the purpose of maintaining accurate and quality reports aiding in diagnosis and treatment of diseases. Laboratory & Diagnostic services are free of cost to the students, nominal charges to the employees, on par with the CGHS rates, which are reimbursed by the University.

1. Semi-automated biochemistry analyser, for biochemistry parameters.
2. Automated cell counter for Haematology (Complete blood count)
3. Facility for other tests - ESR,
4. Smear for MP, Blood grouping & Rh Typing *etc.*,
5. Urine analysis,
6. Microscope, Centrifuge, & Blood Rotators,
7. Made provision for the Glycaemic Index and studies on effect of plant-based foods in control of diabetes, conducted by the students of the Dept. of Food Science and Nutrition, UAS, GKVK.
8. Provision is also made for practical classes of estimation of Hb%, lipid parameters, Blood sugar etc. to the students of Dept. of Food Science & Nutrition, UAS, GKVK.

Pharmacy

Experienced pharmacists are available. Ensuring availability of essential medicines throughout the year. Medicines are issued to the students, staff & faculty at free of cost. Special provision is made to the students, wherein the medicines prescribed by the specialists for the illnesses which are not available in the dispensary are procured and issued at free of cost. Vaccines are procured for the benefit of patients (Anti rabies, Tetanus toxoid). Medicines necessary to treat Diabetes, Hypertension, Hyper lipidemia, chronic illnesses, allergic reactions due to insect bites, pollen, food substances or allergy due to any others; acute coronary syndrome (loading dose), Hypoglycaemia are made available to keep the disease under control in turn preventing the complications due to the said diseases.

Student Health Insurance Coverage and Welfare Support

All students admitted to the university are covered under a comprehensive health insurance scheme, ensuring financial protection and access to quality medical care throughout their academic tenure. The insurance coverage is extended uniformly to all undergraduate and postgraduate students from the date of admission until completion of their programme.

The scheme typically includes both inpatient (hospitalization) and outpatient medical benefits, covering expenses related to illness, accidental injuries, diagnostic services, and emergency care. In addition, provisions such as cashless hospitalization at empanelled hospitals, reimbursement of medical expenses, and coverage for pre- and post-hospitalization treatments are made available. The insurance policy also supports students during field visits, educational tours, and off-campus practical training, which are integral components of agricultural education. The university administration coordinates with the insurance provider to ensure timely renewal, grievance redressal, and smooth processing of claims.

Year-wise Medical Services

2021-22: During 2021-21, consultation was rendered to a total of 11,388 patients. Besides, 1,369 samples laboratory tests and analysis were conducted based on requirement and results were provided to the concerned along with medical prescription. In Krishimela, provided services to 785 farmers. More than 165 Medical kits were provided to the RAWE, Agrifest, Sports, Tour programmes. 585 Covid positive cases were treated. 4312 staff and students were given Covid 19 vaccination.

2022-23: During 2022-23, consultation was rendered to a total of 12,199 patients. Besides, 1,685 laboratory tests and analysis were conducted. More than 551 farmers were provided services at Krishimela. Medical kits issued 185 to the RAWE, Agrifest, Sports, Tour programmes. Covid positive cases treated are 365, vaccinated 651.

2023-2024: During 2023-24, consultation was rendered to a total of 12,465 patients. 2,540 laboratory tests and analysis were conducted. No. of farmers provided services at Krishimela are more than 985. Medical kits issued to the students are 235.

2024-2025: During 2024-25, consultation was rendered to a total of 11,969 patients. Besides, 2,452 laboratory tests and analysis were conducted. No. Medical kits issued to the students to the RAWE, Agri fest, Sports, Tour programmes are 174.Farmers provided services at Krishimela are 1214.

2025-26 (up to December 31st 2025): During the above stated period consultation was rendered to a total number of 7,542. Laboratory tests conducted 1,651. A Multi-speciality camp was conducted at Krishimela 2025 November, more than 3400 farmers were provided Free eye check, blood sugar estimation, pulmonary function test, diabetes consultation, Dental consultation and emergency First Aid medical services. Medical kits issued to the students for RAWE, Agrifest, Sports, Tour programmes are 145. Medicines were provided to the Free Medical Camps conducted at the RAWE villages.

Laboratory tests conducted from 2021-22 to 2025-26

Sl. No.	Particulars	No. of tests conducted									
		2021-22		2022-23		2023-24		2024-25		2025-26	
		ST	SF	ST	SF	ST	SF	ST	SF	ST	SF
1.	Blood sugar	38	626	45	512	65	795	64	401	96	426
2.	FBS, PPBS, RBS	3	104	13	168	13	127	17	110	17	109
3.	Lipid profile	1	19	6	37	9	22	4	6	0	0
4.	Blood grouping & Rh Typing	25	25	52	9	87	10	89	13	66	16
5.	Widal	13	1	57	13	71	20	132	37	90	9
6.	Malaria test	0	0	21	3	25	8	64	16	60	10
7.	Blood routine	17	15	2	3	0	0	0	0	0	0
8.	CBC	24	15	30	31	228	91	372	149	311	64
9.	HB%	25	20	30	31	153	65	101	36	166	41
10.	Urine routine	14	27	127	72	148	100	191	95	199	78
11.	Urine analysis	2	7	0	0	0	0	0	0	0	0
12.	B.Urea	5	14	5	17	7	9	7	10	13	7
13.	S Creatinine	8	18	15	28	24	15	17	17	23	14
14.	Uric acid	3	17	11	52	13	41	13	21	21	20
15.	Other tests	6	4	16	70	23	35	42	22	53	38
16.	Bilirubin total	2	0	1	1	1	2	38	12	40	13
17.	Bilirubin direct	1	0	1	1	1	0	19	9	40	14
18.	LFT	2	5	1	14	5	4	7	4	0	0
19.	Haemogram	0	0	0	0	0	0	0	0	0	1
20.	SGOT	0	0	1	2	9	11	25	13	45	17
21.	SGPT	0	0	1	2	9	14	24	17	45	17
22.	ECG	27	116	21	89	12	77	29	68	25	90
23.	Total cholesterol	0	0	0	0	0	0	6	5	9	11
24.	Tryglycerides	0	0	0	0	0	0	6	5	9	11
25.	HDL cholesterol	0	0	0	0	0	0	6	5	9	11
26.	Total protien	0	0	0	0	0	16	7	4	31	13
27.	Albumin	0	0	0	0	0	16	3	3	31	13
28.	ALP	0	0	0	0	0	0	7	4	31	13
	Sub total	216	1033	456	1155	903	1478	1290	1082	1430	1056
	Grand total	**1249**		**1611**		**2381**		**2372**		**2486**	



Dispensary at College of Agriculture, GKVK, Bengaluru



Free Health Camp organised by UAS, GKVK, Bengaluru



Free Health Camp organised by UAS, GKVK, Bengaluru

Health facilities at College of Sericulture, Chintamani

- Dispensary is available at college campus with qualified medical doctor on contractual basis whose services are available from 9.00 am to 5.00 pm. The equipment's like Thermometer, ECG machine, BP testing equipment, weighing machine, Sugar testing kit, *etc.* are available at dispensary.
- Once in a month college dispensary supplies first aid kit and general medicines to both the hostels.
- 24 X 7 ambulance facility is available to students in emergency.
- Available Equipment's list *viz.*,
  - Blood pressure testing, blood sugar testing, pulse oximeter, breath analyser, echocardiogram, infrared light, nebulizer, otoscopy, body fat analyser and oxygenator

Health facilities at College of Agriculture, V.C. Farm, Mandya

- A healthcare facility is functioning within the campus to cater to the medical needs of students and employees.
- Medical services are attended by a qualified doctor along with a supporting staff member between 10:00 a.m. and 3:00 p.m.
- The dispensary is equipped with essential medical instruments including a blood pressure apparatus, nebulizer, and glucometer.
- Emergency transportation services are available through an ambulance equipped with oxygen facilities.

- Approximately 4,000 individuals receive medical attention annually at the campus health centre.
- Every student is covered under the Student Health Insurance Programme.
- The insurance scheme enables students to avail reimbursement or support for hospitalization, surgeries, and other medical expenses.

Health facilities at College of Agriculture, Karekere, Hassan

- A dispensary is available on campus to provide medical services to students and staff.
- A doctor and an assistant are present from 10:00 am to 2:00 pm.
- Basic equipment such as a BP monitor, nebulizer, and glucometer are available.
- An ambulance with oxygen support is also provided.
- Around 2000 to 2500 patients are treated every year.
- All students are enrolled under the Student Health Insurance Scheme.
- Students can claim insurance for medical treatments, including surgeries and other health-related issues.
- A free eye check-up camp was organized at College of Agriculture, Hassan on 14.05.2025 in collaboration with Youth Red Cross Unit, College of Agriculture, Hassan, Red Ribbon Club, Hassan and Vasan Eye Care Hospital, Hassan.
- Red Cross Unit and NSS Unit College of Agriculture, Hassan in association with HDFC Bank conducted Blood donation camp on 29.11.2025 at College of Agriculture, Hassan.
- The "International Women's Day" program was jointly organized by the University of Agricultural Sciences, Mandya; College of Agriculture, Karekere, Hassan; Red Cross and Red Ribbon, Hassan; and Rotary Club, Channarayapatna. The event was held on 26.03.2026 (Thursday) at the Hasanamba Auditorium of the College of Agriculture, Hassan

6.6.6.4 Sports and Cultural facilities

The College provides adequate facilities and opportunities for sports and cultural activities to ensure the overall development of students and faculty members. The institution believes that participation in extracurricular and co-curricular activities plays an important role in improving physical fitness, mental well-being, leadership qualities, creativity, and teamwork. Well-maintained infrastructure and necessary support are provided to encourage active involvement of students in various sports and cultural programmes conducted throughout the academic year. Students are encouraged to participate in a variety of indoor and outdoor sports activities such as athletics, cricket, volleyball, kabaddi, badminton, kho-kho, and table tennis. Regular practice sessions, competitions, and tournaments are organized at the college and university levels to identify and nurture talent. Participation in sports helps students develop discipline, confidence, determination, team spirit, and leadership qualities, which contribute significantly to their personal and professional growth. The institution also gives equal importance to cultural activities by organizing programmes such as youth festivals, literary events, debates, quizzes, music, dance, drama, and celebration of important national and international occasions. These activities provide a platform for students to exhibit their talents, improve communication and interpersonal skills, and enhance their creativity and self-confidence. Such programmes also help in promoting social harmony, cultural awareness, and active student engagement. Faculty members continuously motivate and guide students to participate in sports and cultural competitions conducted at various levels. The institution extends the necessary support in terms of infrastructure, training, and encouragement for successful participation. Due to consistent institutional

support and student involvement, many students have achieved recognition and secured prizes, medals, and certificates in different sports and cultural events, thereby bringing laurels and appreciation to the College.

Sl. No.	Campus wise list of sports and cultural facilities available
1	**College of Agriculture, GKVK** **Sports Facility:** • Athletics (Track & field): Eight lanes 400mt., standard track of red earth, jumping pits, jumping and throwing equipment • Football / Hockey: Standard football field which can also be also used for Hockey • One Basketball court with flood lights • One Ball Badminton court of red earth • Kho-Kho court: For both Men & Women • Kabaddi / Interlocking Kabaddi mat facility for both Men & Women • Cricket: Athletic track is used for cricket • Volleyball: standard court is available for both men & women • Eight station multi-gym facility installed at boys hostel • Outdoor open gym facility is installed at both boys and girls Hostel • Indoor Sports Complex Two Synthetic Badminton courts • Two table -Tennis boards (Men & Women) • Gymnasium and indoor games (Carom & Chess), four station multi-gym installed in the indoor hall. • Outdoor sports pavilion seating capacity of 50-75 nos., the pavilion includes restrooms, store rooms and office • Swimming pool **Cultural Facility:** Three auditoriums such as Kuvempu Auditorium, North Block Auditorium and Dr. Babu Rajendra Prasad International Convention Centre are provided for cultural activities with high end audio systems and instruments like Tabala, Keyboard, Hand Gel, Dholak along with Portable Speaker with Mic systems are provided for practice during their leisure
2	**College of Sericulture, Chintamani** **Sports Facility:** Gym (Men), Gym (Women), Faculty House, Open Gym, Table Tennis (Men), Table Tennis (Women), 400 Meter Athletic Track, Basketball Court (M & W) fitted with flood light., Basketball Court (Women), Ball Badminton Court, Cricket Ground, Cricket Practicing Net, Football Ground, Football Ground, Kabaddi Court (Men), Kabaddi Court (Women), Kho-Kho Court (Men), Kho-Kho Court (Women), Volleyball Court (Men) and Volleyball Court (Women) **Cultural Facility**: Auditorium, Multipurpose hall, Open air theatre, Harmonium, Dolak, Casio Key board, Mrudangam, Jambe, Nagari, Kanjara, Tamate, Dollu, Folk dance costumes and properties and Mime costumes
3	**College of Agriculture, Mandya**

Sl. No.	Campus wise list of sports and cultural facilities available
	Sports Facility: Sports complex with Rest room, Basketball court, Cricket practice net, Kabaddi court, Volleyball court, Throw ball court, Football ground, Ball Badminton court, Kho-Kho court, and 400 m. Athletic Track **Cultural Facility:** In order to organize special events like student's programmes and cultural events, the college has a well-equipped auditorium with open air theatre with an area of 582.30 sq.mt. with seating capacity of 408 people. It was constructed in the year 2018 with two green room facility.
4	**College of Agriculture, Hassan** **Sports Facility:** College has a ground and outdoor stadium used for outdoor games *viz.,* 400 m Athletics track, Ball Badminton, Basketball, Cricket, Football, Kabaddi, Kho-Kho, throw ball, Volleyball, well-furnished indoor hall is available for indoor games such as Badminton, Chess, TableTennis, Multi Gym,and Yoga Practices. The ground maintenance is done by two sports helpers. **Cultural Facility:** Well-furnished auditorium with good sound system and side wings and basic lighting. Different costumes and instruments for different stage events such as Tabala, Harmonium, Dollu set, kamsala costume, Kango, Gong, Chanda, Guitar, Tambur Trumpet, Dolak, Darbuka, Folk dance and Mime costumes are provided to facilitate students to take part in different cultural and literary events organized by different organizations at different places.



Multipurpose Sports Hall, CoA, GKVK



Swimming Pool Complex, CoA, GKVK



Outdoor Sports Complex Athletic Track, CoA, GKVK





Throwing Sectors, CoA, GKVK





Indoor Kabaddi Courts, CoA, GKVK





Outdoor Kabaddi Court, CoA, GKVK





Volleyball Court, CoA, GKVK



Kho-Kho Court, CoA, GKVK



Cricket Field, CoA, GKVK





Indoor Sports Complex, CoA, GKVK

Cultural:

Sufficient opportunities and facilities are provided to the students at each college to participate in Campus/ Inter Campus/ Inter University/ Inter Zone/ National level Cultural activities to improve their talents. Apart from sports, different clubs viz., Adventures, Fine arts, Science, Social Service and Literary are functioning at different Colleges of the University. The instruments like Tabala, Keyboard, Hand Gel, Dholak, Portable Speaker with Mic system are provided to the students to practice and participate in the cultural events.

Auditorium:

The College has two auditoriums in the premises, one at the north block and another at south block of the college to organize various events / programmes. Since the college is located in the main campus of the University, the faculty / students have an opportunity to organize and attend events at Dr. Babu Rajendra Prasad International Convention Centre. The details of the facility available are as follows:

Sl. No.	Name of the auditorium	Year of construction	Sitting capacity	Facilities available	Frequency of use for college functions (Programmes / yr.)
1	North Block Auditorium (North block)	1975	250	Mini Auditorium, Digital Projection	20-25

Sl. No.	Name of the auditorium	Year of construction	Sitting capacity	Facilities available	Frequency of use for college functions (Programmes / yr.)
2	Kuvempu Sabhangana (South block)	1995	400	LCD projection, Sound System, Green Rooms Rest Rooms.	15-20
3	Dr. Babu Rajendra Prasad Internationa Convention Centre	2016	2500	Main Auditorium has balcony and fully equipped with high end surround audio system and internet facility. Besides main auditorium, 6 conference halls each with 100 seating capacity having Projection facilities. Entire building is provided with centralized air-conditioning system	5-6



Kuvempu Auditorium, UAS, GKVK, Bangalore



International Convention Centre, UAS, GKVK, Bangalore





International Convention Centre, UAS, GKVK, Bangalore




Cultural events in the auditorium






Glimpses of cultural highlights of UAS, GKVK, Bangalore

College of Sericulture, Chintamani

Sports:

Sl. No.	Name of the facility		Capacity	Space (m^2)
1	Indoor sports facilities	Six station Gymnasium	01	660
		Table Tennis Boards	02	
		Indoor games (Carom & Chess)	02	
		Eight station Gymnasium	01	120
2	Outdoor sports facilities	Athletics (Track & Field) / Football / Cricket	01	20125
		Basketball Court with flood lights	01	1125
		Ball Badminton Court	01	600
		Kho-Kho Courts	02	1075 each
		Kabaddi Courts and Interlocking Kabaddi mat	02	780 750
		Volleyball	02	700 each
		Outdoor Open Gym facility at boys & girls Hostels	02	120 each

Cultural:

The College of Sericulture, Chintamani provides facilities such as an auditorium, multipurpose hall, and open-air theatre for student activities. It also offers various musical instruments and cultural materials, including tabla, harmonium, drums, keyboard, and costumes, to support regular practice and performances during college events and youth festivals.

Auditorium

The college conducts various programmes such as, cultural events, national festivals and other formal programmes in the auditorium '***CHANDRAKALASHA***'.

Sl. No.	Name of the auditorium	Year of construction	Sitting capacity	Facilities available	Frequency of use for college functions (Programmes / year)
1	Chandra Kalasha	2019	450	Stage area is 904 sq.ft.	25 programmes per year







Glimpses of auditorium Chandrakalasha at College of Sericulture, Chinthamani

College of Agriculture, V.C. Farm, Mandya

Sports

Sl. No.	Particulars	2021-22	2022-23	2023-24	2024-25	2025-26
1	Sports complex with rest room	01	01	01	01	01
2	Outdoor games with dimensions					
	Basketball court (420 sq.m.)	Available and adequate				
	Cricket practice net (61 sq.m.)					
	Kabaddi court (130 sq.m.)					
	Volleyball court (198 sq.m.)					
	Throwball court (223 sq.m.)					
	Football ground (7040 sq.m.)					
	Ball Badminton court (288 sq.m.)					
	Kho-Kho court (432 sq.m.)					
	400 M Athletic track					

3	Indoor games	
a	Chess	Available and adequate
b	Table tennis	
4	Day to Day Management	A separate area (2.40 ha.) for each outdoor games *viz.*, Basketball, Volleyball, Football, Ball Badminton, Kho-Kho, Kabaddi, Throwball *etc.*, and indoor games are available. All the sports arena is maintained by two sports Helpers, so that students can practice and play regularly. The facilities of equipments required for each game will be issued to the students and students are monitored and guided regularly by Physical Education Teachers during the practice session to enhance their performance and to improve their skills, techniques and tactics related to their respective games. Apart from this, 10 days of coaching camp is conducted for the improvement of their performance during Inter Collegiate competitions.



Sports Room



Table Tennis



Athletic Track (400 M)



Volleyball court



Football court



Basketball court

Auditoriums

Sl. No.	Name of the auditorium	Year of construction	Sitting capacity	Facilities available	Frequency of use for college function
1.	Nalvadi Krishnaraja	2021	300	Green room and fully equipped with music accessories	Monthly



Nalvadi Krishnaraja auditorium at College of Agriculture, Mandya

College of Agriculture, Karekere Campus, Hassan District

Sports:

Sl. No.	Name of the facility		Capacity (No.)	Space (m^2)
1	Indoor sports facility	Synthetic badminton courts	02	660
		Table tennis Boards	02	
		Indoor games (Carom & Chess)	02	
		8 station gymnasium	01	120
2	Outdoor sports facility	Athletics (Track & Field) / football / cricket	01	20125
		Basketball court with flood lights	01	1125

		Ball badminton court	01	600
		Kho-Kho courts	02	1075 each
		Kabaddi courts and Interlocking Kabaddi mat	02	780 750
		Volleyball / Throwball courts	02	700 each
		Outdoor open gym facility at boys & girls hostels	02	120 each

The sports facilities are well maintained by two dedicated sports helpers, ensuring that students have a clean and organized environment for regular practice and games. Necessary sports equipment is issued to students as required, making it easier for them to participate actively in various activities. During practice sessions, physical education teachers closely monitor and guide students, helping them improve their skills, techniques, and game strategies. Their continuous support plays an important role in enhancing students' overall performance. In addition to regular practice, the college also organizes 10-days coaching camps. These camps provide focused training and expert guidance, helping students prepare effectively and perform better in intercollegiate competitions.

Cultural:

The College of Agriculture, Hassan has a well-equipped auditorium that supports various cultural activities. It provides a range of musical instruments and materials such as tabla, harmonium, dollu (traditional drums), kamsala costume, kango, gong, chanda, guitar, trumpet, dolak, and darbuka. These facilities are available for both students and teachers to practice and perform during college day celebrations and intercollegiate youth festivals, where participation is enthusiastic and active.

The university also organizes intercollegiate youth festivals every year to showcase student talent and promote cultural exchange. Various cultural and literary events are conducted, and students receive training from professional artists to enhance their performance. Talented students are selected to represent the university at the National Level Agricultural Youth Festival. These activities encourage interaction among students and help them understand and appreciate the country's rich cultural heritage.

In addition, the college supports students in participating in cultural and literary events organized by other institutions at different locations. The available facilities include a well-furnished auditorium with a good sound system, proper lighting, side wings, stage properties, and a variety of musical instruments for different performances.

Auditoriums

Sl. No.	Name of the auditorium	Year of construction	Sitting capacity	Facilities available
1	Hasanamba Auditorium	2017	480	Sound systems, LCD Projector, VIP sofa, Dias & chairs

Sports & cultural activities conducted in all three colleges (Year wise)

SPORTS ACTIVITIES - 2021-22

Details and achievements of Inter-collegiate Tournaments 2021-22

2021-22	In the year 2021-22 due to Covid 19 Inter Collegiate sports tournaments were not conducted

South Zone / All India Inter-University Tournaments 2021-22

1. All India Inter-University Epee (W) events held at Guru Nanak Dev University, Amritsar held on 01.07.2022 secured 8th rank.
2. 2nd Khelo India University Games Epee (W) event held Jain University, Bangalore14th - 13th June 2022 secured bronze medal.

All India Inter-Agricultural University Sports and Games Meet 2021-22

Sl. No.	Type of Event	Name of the event	Event participated	Award/medals received in the events
2021-22				
1	All India Inter-University	Epee (W) event	Guru Nanak Dev University, Amritsar held on 1st July, 2022	8th rank
2	2nd Khelo India University Games	Epee (W) event	Jain University, Bangalore 14th - 13th June, 2022	Bronze medal

CULTURAL ACTIVITIES 2021-22

a) Inter-collegiate 'Virtual Elocution Competition' organized by the Directorate of Students' Welfare, UAS (B) collaboration with Rashtriya Chemicals and Fertilizers Limited (A GoI Undertaking) as part of the Azadi ka Amrit Mahotsav Commemoration on 27-09-2021

Medium: Kannada

Sl. No.	College & Campus	Results
1	COS, Chintamani	I place
2	COA (UG), GKVK	II place
3	PGS, GKVK	III place

Medium: English

Sl. No.	College & Campus	Results
1	COA, Mandya	I place
2	PGS, GKVK	II place
3	COS, Chintamani	III place

Medium: Hindi

Sl. No.	College & Campus	Results
1	COS, Chintamani	I place
2	COAE, GKVK	II place
3	COA, Mandya	III place

SPORTS ACTIVITIES – 2022-23

Details and achievements of Inter Collegiate Tournaments 2022-23

Sl. No.	Men or Women	2022-23				
		Cricket (Men) tournament was held at GKVK campus from 24th - 26th June, 2022 at CoA, UG, GKVK.				
		CoA, UG	**CoA, PGS**	**CoA, Mandya**	**CoS, Chintamani**	**CoA, Hassan**
			II	**I**		
1		**Kho - Kho (Men and Women)** tournament was held at GKVK campus from 1st-3rd July, 2022 at CoA, PGS, GKVK.				
	Men		**I**			**II**
	Women		**II**			**I**
2		**Table Tennis (Men and Women)** tournament was held at GKVK campus from1st -3rd July, 2022 at CoA, PGS, GKVK.				
	Men	**II**	**I**			
	Women	**I**		**II**		
3		**Kabaddi (Men and Women)** tournament was held at CoS, Chintamani, campus from 18th - 20th August, 2022				
	Men	**II**				**I**
	Women			**II**		**I**
4		**Basketball (Men and Women)** tournament was held at CoA, Hassan campus from 27th - 29th August, 2022				
	Men	**II**	**I**			
	Women	**II**	**I**			
5		**Ball Badminton (Men and Women)** tournament was held at CoA, Hassan campus from 27th - 29th August, 2022				
	Men	**I**	**II**			
	Women		**I**			**II**
6		**Volleyball (Men and Women)** tournament was held at GKVK campus from 9th - 11th September, 2022 at CoA, UG, GKVK.				
	Men	**I**			**II**	
	Women		**II**			**II**
7		**Badminton (Men and Women)** tournament was held at GKVK campus from 9th -11th September 2022 at CoA, UG, GKVK.				
	Men	**I**			**II**	
	Women	**II**				**I**
9		**Football (Men)** tournament was held at CoA, Mandya campus from 22nd - 24th September, 2022.				
			I			**II**
9		**Chess (Men and Women)** tournament was held at Chamarajanagara Campus from 29 September - 1st October, 2022				
	Men		**I**			**II**
	Women	**I**			**II**	

South Zone / All India Inter University Tournaments 2022-23

1. South Zone Inter University Badminton (W) tournament held at Jain University, Vaderahalli, Bangalore from 21st - 24th November, 2022.
2. South Zone Inter-University Badminton (M) tournament held at Jain University, Vaderahalli, Bangalore from 27th - 30th November 2022.
3. South Zone Inter University Kabaddi (M) held at Bangalore City University, Bangalore from 7th - 9th December, 2022
4. South Zone Inter University Chess (W) tournament REVA University, Bangalore
5. All India Inter University of Fencing (W) held at Jammu, Jammu from 20th – 23rd December, 2022
6. South Zone Inter-University Kabaddi (W) held at AMET University, East Coast Road, Kanathur, Chennai.
7. South Zone Inter-University Football (M) held at University of Calicut, Kerala from 21st – 24th December, 2022
8. South Zone Inter-University Volleyball (M) tournament held at SRM Institute of Science and Technology SRM Nagar, Kattankulathur, T.N., from 23rd - 27th December, 2022
9. South Zone Inter University Volleyball (W) tournament held at MG University, Kottayam, Kerala
10. South Zone Inter-University Basketball (M) tournament held at SRM Institute of Science and Technology SRM Nagar, Kattankulathur, T.N., from 27th – 31st December, 2022.
11. South Zone Inter University Basketball (W) tournament held at University of Madras, Chetpet, Chennai from 4th - 08th January, 2023
12. South Zone Inter-University Table Tennis (M) tournament held at CHRIST (Deemed to be University) Bengaluru 2nd -5th January, 2023
13. South Zone Inter-University Kho-Kho (M) tournament held at Jawaharlal Nehru Technology University, Kakinada (A.P.) from 9th -12th January, 2023
14. South Zone Inter University Ball Badminton (M) tournament held at Mangalore University, Mangalore from 13th -17th January, 2023
15. South Zone Inter University Kho-Kho (W) tournament held at Allinace University, Central Campus, Chikkahadge Cross, Chandrapura, Anekal Main Road, Bengaluru from 23rd - 26th January, 2023
16. South Zone Inter University Cricket (M) tournament held at REVA University, Bangalore from 20th February - 3rd March 2023
17. South Zone Inter University Chess (M) tournament held at SRM Institute of Science & Technology, SRM Nagar, Kattankulathur, T. N., from 10th - 12th March, 2023
18. All India Inter University Shooting (W) tournament held at Swami Vivekanand Subharti University, Meerut, Uttar Pradesh fom 5th - 9th April, 2023
19. Khelo India University Games Fencing (W) held at Lucknow, Uttar Pradesh from 25th May - 3rd June, 2023

All India Inter-Agricultural University Sports and Games Meet 2022-23

Sl. No.	Type of event	Name of the event	Event participated	Award / medals received in the events
2022-23				
03	ICAR Agri-sports and games meet	Volleyball (M)	XXI All India Inter-Agri Universities Sports and Games Meet held at CCHSAU, Hisar, Haryana from 20th - 24th Feb., 2023	7-Gold medals
		Basketball (W)		6-Gold medals
		Badminton (M)		3- Gold medals
		400 mtr. (W)		1-Gold medal
		4 x 100 mtr. Relay (W)		4-Silver medals
		4 x 400 mtr., mixed relay		4-Silver medals
		4 x 400 mtr., relay (W)		4-Bronze medals
		400 mtr., hurdles (W)		1-Bronze medal

CULTURAL ACTIVITIES 2022-23

A. INTER COLLEGIATE YOUTH FESTIVAL

a) Inter Collegiate Youth Festival (ICYF 2022-23: Kadiru) held at College of Sericulture, Chintamani on 22-12-2022 to 23-12-2022.

Sl. No.	College & Campus	Results
1	PG studies, GKVK	Overall winners (I place)
2	CoA (UG) GKVK	Overall 1st runner-up (II Place)
3	CoA, Hassan	Overall 2nd runner-up (III Place)



Music Team from PGS, GKVK



Music Team from CoA, Mandya



Music Team from CoA, Hassan



Music Team from CoS, Chintamani



Music Team from CoA, Chamarajanagara



Music Team from CoA (UG), GKVK



Skit performance by CoA, Mandya



Skit performance by CoA (UG), GKVK

b) Inter-collegiate Debate Competition held at Institute of Agri-Business Management, GKVK, Bengaluru.

UG Category: Kannada

Sl. No.	College & Campus	Results
1	CoS, Chintamani	I place
2	CoA, Mandya	II place
3	CoAE, GKVK	III place

Best Speakers: Mr. NAVEENKUMAR N, CoS, Chintamani and Mr. MANOJ P M, CoA, Mandya

UG Category: English

Sl. No	College & Campus	Results
1	CoS, Chintamani	I place
2	CoA, Mandya	II place
3	CoAE,GKVK	III place

Best Speakers: Mr. UDAY KIRAN G R, CoS, Chintamani and Ms. ANKITA VERMA, CoA, GKVK

PG / PhD Category: English

Sl. No	College & Campus	Results
1	PGS, GKVK	I Place

Best Speakers: Ms. LAVANYA N, PGS, GKVK and Ms. BHAVANA A, PGS, GKVK

B. ALL INDIA INTER AGRICULTURAL UNIVERSITY YOUTH FESTIVAL

The 21st All India Inter-Agricultural University Youth Festival 2022-23 (21st AGRI UNIFEST- 2023) held at University of Agricultural Sciences, Bangalore from 13-03-2023 to 17-03-2023.

Sl No	Event	Results
1.	Cultural procession	I- Prize
2.	On the spot painting	II- Prize (1 Silver medal)
3.	Extempore	II- Prize (1 Silver medal)
4.	Patriotic song (Indian)	III- Prize (6 Bronze medals)
5.	Debate	III- Prize (2 Bronze medals)
6.	Mime	III- Prize (6 Bronze medals)
7.	Overall championship	Overall championship- 2nd runner-up Literary champions - Winner



UAS Bangalore secured Overall Championship - 2nd runner-up and Literary Champions - Winner during 21st All India Inter-Agricultural University Youth Festival 2022-23 (21st AGRI UNIFEST-2023) held at University of Agricultural Sciences, Bangalore from 13-03-2023 to 17-03-2023.



UAS Bangalore secured Literary Champions – Winner during 21st All India Inter Agricultural University Youth Festival 2022-23 (21st AGRI UNIFEST- 2023) held at University of Agricultural Sciences, Bangalore from 13-03-2023 to 17-03-2023.



Mime by UAS Bangalore (secured 3rd prize) during 21st All India Inter Agricultural University Youth Festival 2022-23 (21st AGRI UNIFEST- 2023) held at University of Agricultural Sciences, Bangalore from 13-03-2023 to 17-03-2023.



Skit by UAS Bangalore during 21st All India Inter Agricultural University Youth Festival 2022-23 (21st AGRI UNIFEST- 2023) held at University of Agricultural Sciences, Bangalore from 13-03-2023 to 17-03-2023.





Folk Dance by UAS Bangalore during 21st All India Inter Agricultural University Youth Festival 2022-23 (21st AGRI UNIFEST- 2023) held at University of Agricultural Sciences, Bangalore from 13-03-2023 to 17-03-2023.

C. STATE LEVEL COMPETITION

a) State Level Debate Competition on Co-operation held at Bangalore University Jnana Bharathi, Bengaluru on 25-02-2023

Sl. No.	Event	Results
1.	Debate	II prize under PG / PhD category (1 trophy) consolation prize under Bachelors level / UG category (1 certificate)



UAS Bangalore (Ms. Bhavana) secured 2nd prize under PG/PhD category in the State Level Debate Competition on Co-operation held at Bangalore University Jnana Bharathi, Bengaluru on 25-02-2023



Literary Team of UAS Bangalore (Consolation Prize under Bachelors level/UG category) in the State Level Debate Competition on Co-operation held at Bangalore University Jnana Bharathi, Bengaluru on 25-02-2023



Literary Team of UAS Bangalore after the State Level Debate Competition on Co-operation held at Bangalore University Jnana Bharathi, Bengaluru on 25-02-2023 with Hon'ble Vice Chancellor and other officials

D. ZONAL YOUTH FESTIVAL AND OTHER COMPETITIONS

The AIU's 36th Inter University South-East Zone Youth Festival-2022-23 (Gulfest 2023) held at Gulbarga University, Jnana Ganga campus, Kalaburagi, Karnataka from 27-01-2023 to 31-01-2023

Sl. No.	Event	Results
1.	Folk / tribal dance	I-Prize (10 Gold medals)
2.	Debate	II- Prize (2 Silver medals)
3.	Skit	II- Prize (6 Silver medals)
4.	One act play	II- Prize (9 Silver medals)
5.	Poster making	III- Prize (1 Bronze medal)
6.	Group song - Indian (Patriotic and folk songs)	IV Place (1 Certificate)
7.	Classical dance (Solo)	V Place (1 Certificate)
8.	Classical instrumental (Non-percussion solo)	V Place (1 Certificate)

9.	Classical vocal (Solo)	V Place (1 Certificate)
10.	Cartooning	V Place (1 Certificate)
11.	Overall	Overall championship: 2nd Runner-up (Third position) Theatre Championship: Winners (First position) Dance Championship: 1st Runner-up (Second position) Literary Championship: 2nd Runner-up (Third position)





UAS Bangalore secured Overall Championship





UAS Bangalore secured Overall Championship: 2nd Runner-up (Third position) along with Theatre Championship: Winners (First position), Dance Championship: 1st Runner-up (Second position) and Literary Championship: 2nd Runner-up (Third position) during AIU's 36th Inter-University South-East Zone Youth Festival-2022-23 (Gulfest 2023) held at Gulbarga University, Jnana Ganga campus, Kalaburagi, Karnataka from 27-01-2023 to 31-01-2023

E. NATIONAL YOUTH FESTIVAL AND OTHER COMPETITIONS

The AIU's 36th Inter University National Youth Festival2022-23 (Jain Utsav 2023) held at Jain University, Jakkasandra, Ramanagara, Karnataka (India) from 24-02-2023 to 28-02-2023.

Sl. No.	Event	Results
1.	Folk / tribal dance	II- Prize (10 Gold medals)
2.	Skit	III- Prize (6 Silver medals)
3.	Poster making	III- Prize (1 Bronze medal)



UAS Bangalore secured 2nd prize in Folk / Tribal Dance, 3rd prize in Skit and Poster Making during AIU's 36th Inter University National Youth Festival-2022-23 (Jain Utsav 2023) held at Jain University, Jakkasandra, Ramanagara, Karnataka (India) from 24-02-2023 to 28-02-2023.

F. INTERNATIONAL YOUTH FESTIVAL AND OTHER COMPETITIONS

The 2nd AIU International Youth Festival – One World 2023 (2nd AIU IYF- One World 2023) held at Lovely Professional University, Phagwara, Punjab from 06-04-2023 to 08-04-2023.

Sl. No.	Event	Results
1.	Folk / Tribal dance	AIU Medals (13 Medals: Non-competitive)







Folk Dance team of UAS Bangalore during 2nd AIU International Youth Festival - One World 2023 (2nd AIU IYF- One World 2023) held at Lovely Professional University, Phagwara, Punjab from 06-04-2023 to 08-04-2023

SPORTS ACTIVITIES : 2023-24

Details and achievements of IntercCollegiate Tournaments 2023-24

Sl. No.		2023-24					
1		**Kabaddi (Men and Women)** tournament was held at CoA, GKVK campus from 28th-30th July, 2023					
		CoA, UG	**CoA, PGS**	**CoA, Mandya**	**CoS, Chintamani**	**CoA, Hassan**	**CoAE, GKVK**
	Men	**I**			**II**		
	Women			**II**	**I**		
2		**Table Tennis (Men and Women)** tournament was held at CoA, GKVK campus from 28th-30th July, 2023					
	Men	**II**	**I**				
	Women	**II**				**I**	
3		**Cricket** tournament was held at CoA, GKVK , Campus from 4th-6th August, 2023					
	Men		**I**	**II**			
4		**Badminton (Men and Women)** tournament was held at CoA, PGS, GKVK campus from 4th-6th August, 2023					
	Men	**I**			**II**		
	Women				**I**	**II**	
5		**Ball Badminton (Men and Women)** tournament was held at CoS, Chintamani campus from 011th-13th August, 2023					
	Men		**II**			**I**	
	Women	**II**				**I**	
6		**Football** tournament was held at CoS, Chintamani campus from 11th-13th August, 2023					
	Men		**II**		**I**		
7		**Volleyball (Men and Women)** tournament was held at CoA, Hassan campus from 2th-4th November, 2023					
	Men				**II**	**I**	
	Women		**I**		**II**		
8		**Kho-Kho (Men and Women)** tournament was held at CoA, UG, GKVK campus from 9th- 11th November, 2023					

	Men	**II**				**I**	
	Women				**II**	**I**	
9		**Basketball (Men and Women)** tournament was held at CoA, Mandya campus from 28th- 30th November, 2023					
	Men		**II**	**I**			
	Women		**I**			**II**	
10		**Chess (Men and Women)** tournament was held at CoA, Chamarajanagara campus from 10th - 12th Decemeber, 2023					
	Men	**II**				**I**	
	Women					**I**	**II**

South Zone / All India Inter University Tournaments 2023-24

1. South Zone Inter-University tournament Kabaddi (M) Jawaharlal Nehru Technological University Kakinada, Kakinada, Andhra Pradesh from 9th - 12th November, 2023.
2. South Zone Inter-University Basketball (M) University Kerala, G.V. Raja Pavilion, Thiruvananthapuram from 13th - 18th November, 2023
3. South Zone Inter University Kabaddi (W) Alagappa University, Karikudi Tamil Nadu from 22nd to 24th November, 2023
4. South Zone Inter University Football (M) YENEPOYA, (Deemed to be University) University Road, Deralakatte, Mangalore Karnataka from 11th - 15th December, 2023
5. Badminton (M) VIT, Vellore Campus, Tiruvalam Rd, Katpadi, Vellore, Tamil Nadu from19th - 24th December 2023
6. Volleyball (W) Sri Padmavathi Mahila Visvavidyalayam (Women University), Tirupati from 27th to 31st December, 2023
7. Chess (W) Tamil Nadu Dr. Ambedkar Law University, T.N. from 26th - 29th December, 2023
8. Kho-Kho (W) Central University of Tamil NaduThiruvanur from 26th - 30th December, 2023
9. Basketball (W) Jain (Deemed to be University), Jain Global Campus, Jakkasandra Post Kanakpura Taluk, Ramnagara District from 25th to 28th December, 2023
10. Kho-Kho (M) University of Calicut, Kerala from 26th - 30th December, 2023
11. Fencing (W) Guru Nanak Dev University, Amritsar, Punjab from 13th - 15th January, 2024
12. Chess (M) Bharathidasan University, Tiruchirappalli from 26th to 29th January, 2024

All India Inter Agricultural University Sports and Games Meet 2023-24

Sl. No.	Type of event	Name of the event	Event participated	Award/medals received in the events
2023-24				
1	AIU / South Zone Inter-University tournaments	Fencing (W)	MGM University, MGM campus, Aurangabad from 23rd - 26th December, 2023	Bronze medal-01 in Foil event. 23rd rank in Epee event.
		Volleyball (W)	Sri Padmavathi Mahila Visvavidyalayam (Women University), Tirupati from 27th - 31st Dec., 2023	28th Rank

		Fencing (W)	Guru Nanak Dev University, Amritsar, Punjab from 13th - 15th Jan., 2024	9th Rank in Foil event
		Basketball (M)	Bharathidasan University, Tiruchirappalli from 26th to 29th Jan., 2024	28th Rank

SPORTS ACTIVITIES - 2024-25

Details and achievements of IntercCollegiate Tournaments 2024-25

Sl. No.		2024-25					
1		**Football Men** tournament was held at CoA, PGS, GKVK campus from 27th - 29th August, 2024					
		CoA, UG	**CoA, PGS**	**CoA, Mandya**	**CoS, Chintamani**	**CoA, Hassan**	**CoAE, GKVK**
	Men	**II**	**I**				
2		**Ball Badminton (Men and Women)** tournament was held at CoA, PGS, GKVK campus from 27th - 29th August, 2024					
	Men		**II**			**I**	
	Women				**II**	**I**	
3		**Cricket Men** tournament was held at CoA, UG, GKVK campus from 28th - 30th September, 2024					
	Men		**I**			**II**	
4		**Badminton (Men and Women)** tournament was held at CoA, UG, GKVK campus from 28th - 30th September, 2024					
	Men	**I**					**II**
	Women	**I**				**II**	
5		**Volleyball (Men and Women)** tournament was held at CoS,Chintamani campus from 8th - 9th October, 2024					
	Men	**II**		**I**			
	Women				**II**	**I**	
6		**Kabaddi (Men and Women)** tournament was held at CoA, Mandya campus from 11th - 13th November, 2024					
	Men	**I**		**II**			
	Women	**I**					**II**
7		**Basketball (Men and Women)** tournament was held at CoAE, GKVK campus from 22th - 24th November, 2024					
	Men	**II**		**I**			
	Women		**I**			**II**	
8		**Chess (Men and Women)** tournament was held at CoAE, GKVK campus from 22th - 24th November, 2024					
	Men	**I**		**II**			
	Women					**II**	**I**
9		**Kho-Kho (Men and Women)** tournament was held at CoA, Hassancampus from 10th & 11th December, 2024					
	Men	**II**				**I**	
	Women				**II**	**I**	

10		**Table Tennis (Men and Women)** tournament was held at CoA, Hassan campus from 10th & 11th December, 2024					
	Men	**II**	**I**				
	Women	**II**				**I**	
11		**Athletics (Men and Women)** tournament was held at CoA, GKVK campus from 26th & 27th March, 2025					
	Men &Women	**I**		**II**			

South Zone / All India Inter University Tournaments 2024-25

1. South Zone Inter-University Badminton (M) tournament held at SRM Institute of Science and Technology SRM Nagar, Kattankulathur from 26th - 29th October, 2024
2. South Zone Inter University Kabaddi (M) tournament held at SRM Institute of Science and Technology SRM Nagar, Kattankulathur 30th October 2024 - 03rd November, 2024.
3. South Zone Inter-University Basketball (M) tournament held at Christ University, Bengaluru from 01st - 05th November, 2024
4. South Zone Inter-University Kabaddi (W) tournament held at Alagappa University Karikudi, Tamil Nadu from 29th November 2024 - 02nd December, 2024.
5. South Zone Inter-University Chess (W) tournament held at GITAM University from 05th - 08th December, 2024
6. South Zone Inter-University Volleyball (M) tournament held at University of Kerala, Thiruvanathapuram from 18th -22nd December, 2024
7. South Zone Inter University Table Tennis (W) held at AMET University, Kanathur, Chennai, Tamil Nadu from 3rd - 5th January, 2025
8. South Zone InterUniversity Chess (Men) tournament held at Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai, Tamil Nadu from 8th - 11th January, 2024
9. South Zone Inter-University Cricket (M) tournament held at University of Madras, Chennai, Tamil Nadu from 16th - 21st January, 2025

All India Inter Agricultural University Sports and Games Meet 2024-25

Sl. No.	Type of event	Name of the event	Event participated	Award / medals received in the events
2024-25				
1	ICAR Agri-Sports and Games Meet	4 x 100 mtr., relay (W)	XXII All India Inter-Agri. Universities Sports and Games Meet 2024-25 held at Acharya Narendra Dev University of Agriculture & Technology, Kumarganj, Uttar Pradesh from 2nd - 5th May, 2025	4-Gold medals
		Badminton (M)		3-Gold medals
		100 mtr. (W)		1-Gold medal
		High jump (W)		1-Gold medal
		Discuss throw (W)		1-Gold medal
		Long jump (W)		1-Gold medal
		400 mtr., hurdles (W)		1-Gold medal
		200 mtr. (W)		1-Gold medal
		Badminton (W)		2-Silver medals
		200 mtr. (W)		1-Silver medal
		400 Mtr., hurdles (W)		1-Silver medal

		800 Mtr. (W)		1-Silver medal
		800 Mtr. (W)		1-Bronze medal
		Long jump (W)		1 Bronze medal
		Long jump (W)		1 Bronze medal
		Badminton (W)		Winners
		Chess (M)		Winners
2	AIU / South Zone Inter- University tournaments	Volleyball (M)	XXII All India Inter-Agri. Universities Sports and Games Meet 2024-25 held at Acharya Narendra Dev University of Agriculture & Technology, Kumarganj, Uttar Pradesh from 2nd - 5th May, 2025	8-Gold medals
		Basketball (W)	XXII All India Inter-Agri. Universities Sports and Games Meet 2024-25 held at Acharya Narendra Dev University of Agriculture & Technology, Kumarganj, Uttar Pradesh from 2nd - 5th May, 2025	6-Gold medals
		4 x 400 mtr., mixed relay (M & W)	XXII All India Inter-Agri. Universities Sports and Games Meet 2024-25 held at Acharya Narendra Dev University of Agriculture & Technology, Kumarganj, Uttar Pradesh from 2nd - 5th May, 2025	4-Gold medals

SPORTS ACTIVITIES - 2025-26

Details and achievements of Inter-cCollegiate Tournaments 2025-26

Sl. No.		2025-26					
1		**Football Men** tournament was held at CoS, Chintamani campus from 18th - 20th August, 2025					
		CoA, UG	**CoA, PGS**	**CoA, Mandya**	**CoS, Chintamani**	**CoA, Hassan**	**CoAE, GKVK**
	Men	**II**			**I**		
2		**Ball Badminton (Men and Women)** tournament was held at CoS, Chintamani campus from 18th - 20th August, 2025					
	Men	**II**					**I**
	Women	**I**					**II**
3		**Volleyball (Men and Women)** tournament was held at CoA, GKVKcampus from 26th - 28th September, 2025					
	Men		**I**		**II**		
	Women	**I**			**II**		

4		**Table Tennis (Men and Women)** tournament was held at CoA, GKVK campus from 16th - 18th October, 2025					
	Men	**II**	**I**				
	Women	**I**	**II**				
5		**Cricket Men** tournament was held at CoA, GKVK campus from 16th - 18th October, 2025					
	Men		**I**		**II**		
6		**Kabaddi (Men and Women)** tournament was held at CoAE, GKVK campus from 30th & 31st October, 2025					
	Men	**II**					**I**
	Women	**I**			**II**		
7		**Badminton (Men and Women)** tournament was held at CoAE, GKVK campus from 30th & 31st October, 2025					
	Men	**II**	**I**				
	Women	**I**	**II**				
8		**Kho-Kho (Men and Women)** tournament was held at CoAE, GKVK campus from 5th & 6st December, 2025					
	Men	**II**			**I**		
	Women				**I**		**II**
9		**Chess (Men and Women)** tournament was held at CoA, A.C. Giri, campus from 16th and 17th December, 2025					
	Men	**I**			**II**		
	Women	**I**			**II**		
10		**Basketball (Men and Women)** tournament was held at CoA,UG, GKVK campus from 26th & 27th February, 2026					
	Men	**I**					**I**
	Women		**II**		**I**		
11		**Athletic (Men and Women)** tournament was held at CoS, Chintamani campus from 12th & 13th March, 2025					
	Men &Women	**I**			**II**		

South Zone / All India Inter University Tournaments2025-26

1. All India Inter-University Fencing (Men & Women) held at Guru Nanak Dev University, Amritsar from 02nd to 05th November, 2025.
2. South Zone Inter-University Cricket (Men) tournament held at JSS Science and Technology University, Mysuru from 27th January 2026 to 3rd February, 2026
3. South Zone Inter University Ball Badminton (Women) tournament held at PSNA College of Engineering and Technology, Dindigul, Tamil Nadu from 11th to 15th February, 2026
4. South Zone Inter University Chess (Women) tournament held at GITAM University, Gandhi Nagar, Rushikonda, Visakhapatnam, Andhra Pradesh from 21st to 23rd February, 2026
5. South Zone Inter University Chess (Men) tournament held at Bharathidasan University, Tiruchirapalli Tamil Nadu from 2nd to 6th March, 2026
6. South Zone Inter-University Kho-Kho (Men) tournament held at Davanagere University, Shivagangothri, Davanagare from 26th to 29th March 2026
7. South Zone Inter-University Kho-Kho (Women) tournament held at Davanagere University, Shivagangothri, Davanagare from 1st to 4th Apri,l 2026

All India Inter Agricultural University Sports and Games Meet 2025-26

The sports meets are not conducted yet

UNIVERSITY NSS ACTIVITIES

The University adopted the National Service Scheme. At the university level, it has NSS-Coordinator at University level including 11 NSS Programme Officers and 3 Programme Officers at each College level to organize the defined and identified mandated programmes, such as special camp and regular activities to nurture the patriotism and inculcate service moto among students. Following are the important achievements / activities under NSS including all the constituent colleges of the University.

2021-22

- Annual Free Health Check-up and voluntary Blood donation camp in the university from NSS Cell through Directorate of Student welfare
- Sent NSS volunteers to National, State Republic Parade and National Integration Camps as and when requested from State NSS Cell and Regional Directorate
- At the University level, there is a Coordinator and at each college there are Assistant Coordinators to organise the defined and identified mandated programmes, to nurture the patriotism and to inculcate service moto among the students. Following are the important achievements / activities under NSS including all the constituent colleges of the University.
- Fit India Freedom Run was organized by NSS Unit, UASB to make Indians to be fit and healthy and to overcome effect of mental health during covid on 18.09.2021in GKVK, Bangalore over 150 students participated and "Millet Marathon" was organized in GKVK on 20.12.2021 over 300 students participated.



Fit India Freedom Run was organized by NSS, Unit, UASB

- South Zone Pre- Republic Day Parade Camp 2021 began on 22nd October, 2021 at Kuvempu Kannada Sabhagana, UAS, Bangalore. Totally 160 students are participated in the camp from 22nd to 31st October 2021, along with their respective program officers from Tamil Nadu, Puducherry and Karnataka. Honorable Vice Chancellor Dr. S. Rajendra Prasad, The Chief Guest of the program, Dr. K.C. Narayanaswamy, Director of Education UAS, Bangalore, Shri. Ravikumar Sinha, Under Secretary, Ministry of Youth Affairs and Sports, GOI, Shri Prathap Lingaiah, State NSS Officer, Department of Youth Empowerment & Sports, GOK, Dr. Nataraj, State Director, Nehru Yuva Kendra, Karnataka, Dean of Student Welfare Dr. S. V. Suresha, Dr. Muthuraju. R,

NSS Coordinator & Organizing Secretary, UAS, Bangalore, Shri. K. V. Khadri Narasimhaiah, Regional Director, Regional Directorate of NSS, Government of India, Bengaluru, Shri. Y.M. Uppin the Camp officer. The programme was followed by launching of T- shirts by the Honorable Vice Chancellor and other dignitaries on the dais.




Launching of T- shirts by the Honorable Vice Chancellor and other dignitaries for South Zone Pre- Republic Day Parade Camp

- NSS Cell, University of Agricultural Sciences, Bangalore in association with College of Agriculture, GKVK has conducted Ekta Diwas on 31-10-2021, Sri. Saradar Vallabhbai Patel ji birth day as Ekta diwas. The programme had Ekta run by the NSS volunteers followed by pledge taking to work for the unity and integrity of the Nation. As part of the programme distribution of the plants to all the NSS volunteers was also done. Early in the morning the ekta run was organized from Farmers Training Institute to Kuvempu Kannada Sabhangana where the programme was held. Dean Student Welfare Dr. S.V Suresha presided over the function, Dr. Vasanta Shetty, Deputy Registrar, Rajiv Gandhi University of Health Status (RGUHS), Bangalore and Sri. Rajive Kumar Sinha, Under Secretary, Ministry of Youth Affairs, GoI were the chief guests. Sri. Khadri Narasimhaiah, Regional Director, Regional Directorate of NSS, Bangalore and Dr. Muthuraju R. NSS Coordinator, UAS, Bangalore was present.




- Organized Annual NSS Special camp for IV B.Sc. (Hons.) Agri., B.Sc. (Ag. MaCo.) and B.Tech., students from 18.11.2021 to 24.11.2021 at 18 villages for 432 students.

- Organized "Millet Marathon" at GKVK, Bangalore on 20.12.2021 in association with UASB, KVK, Hadonahalli and Dept. of Agriculture, GoK.







- The Second year UG Degree students totally 70 students have been deputed as volunteers for Pulse Polio Programme 2022 from 27.02.2022 to 02.03.2022 at Sahakaranagar Public Health Center under NSS Unit, CoA, UASB.
- Six students of Second and Final year UG Degree students have been deputed to participate in National Integration Camp (NIC) held at College for Women (Govt. Girls PU college), Malleshwaram, Bengaluru from 16.03.2022 to 22.03.2022 in which our students awarded as "Best Cultural Team".
- **"START UP" -** A team from college of Agriculture, Hassan has bagged the award with Second Place in Agri-Innovative entrepreneurship start-up Idea held on 29 th September 2021. Four teams were participated out of which a team from III B.Sc. (Hons.) Agri. (Poorvika R. Gowda, Ankith V, Gopalakrishna T, Kushalsagar R) with the Idea, of "Black Soldier Fly-Nutritive feed for livestock" has won the prize on the occasion of PG Science Week 2021, held at UAS GKVK Bangalore. The team was mentored by Dr. Raghavendra. S., Asst. Professor (For. & Env. Sci.)

- **"STREET PLAY" -** A team of student volunteers of College of Agriculture, has participated and performed a street play for creating awareness on Nature and wildlife held at Arasikere on 07 the October 2021. The event was organized in collaboration with Karnataka Forest Department, Arasikere sub-division to commemorate "International Wildlife Week". The program was co-ordinated by Dr.Vasudevan S.N. Dean (Agri.) CoA, Hassan and Dr. Raghavendra. S, Asst. Professor (For. & Env. Sci.)

2022-23

- Annual Free Health Check-up and voluntary Blood donation camp in the university from NSS Cell through Directorate of Student welfare
- Sent NSS volunteers to National, State Republic Parade and National Integration Camps as and when requested from State NSS Cell and Regional Directorate through Directorate of Student welfare





UAS Bangalore awarded with Best NSS cell and Best NSS Programme Coordinator (2022-23)



Mr.Yashwanth Gowda received best NSS Volunteer (Male) for the year 2022-23



Ms. Maheshwari received best NSS Volunteer (Female) for the year 2022-23

2023-24

- Annual Free Health Check-up and voluntary Blood donation camp in the university from NSS Cell through Directorate of Student Welfare
- Sent NSS volunteers to National, State Republic Parade and National Integration Camps as and when requested from State NSS Cell and Regional Directorate through Directorate of Student Welfare

2024-25

- Annual Free Health Check-up and voluntary Blood donation camp in the university from NSS Cell through Directorate of Student Welfare
- Sent NSS volunteers to National, State Republic Parade and National Integration Camps as and when requested from State NSS Cell and Regional Directorate through Directorate of Student Welfare

2025-26

- Annual Free Health Check-up and voluntary Blood donation camp in the university from NSS Cell through Directorate of Student Welfare
- Sent NSS volunteers to National, State Republic Parade and National Integration Camps as and when requested from State NSS Cell and Regional Directorate through Directorate of Student Welfare.
- World Youth Parliament was organised in UAS, GKVK, Bengaluru in association with NSS Cell, Department of Youth Affairs and Sports GoK from 24th to 26th March, 2026.The programme was inaugurated by Hon'ble Vice Chancellor Dr S V Suresha. NSS PC UAS GKVK Bangalore and Dr Prathap Lingaiah, SNO, GoK along with Dr. Muthuraj, R., Professor were also present in the inauguration programme. The programme had 400 NSS volunteers from India and other countries. The valedictory programme was conducted on 26/03/2026 in presence of Honble speaker of GoK, Shri. U. T. Khadar who emphasized the importance of youth in law making.

Glimpses of World Youth Parliament organized in GKVK, Bengaluru





Mr. Vachan G, II B.Tech. (Agril. Engi.) student represented UAS GKVK, Bangalore for the Republic Day Parade, New Delhi on 26th January, 2026

Activities in collaboration with Red Cross Society (Year wise)

1. University of Agricultural Sciences, Bangalore organized a "Volunteer Blood Donation Camp" in June, 2022 at UAS, GKVK. More than 250 students were participated and around 170 students donated the blood.
2. Youth Red Cross Society unit, College of Agriculture, Hassan in collaboration with IAT, Hassan chapter and Lions club Hassan Hoysala organized International Women's day programme at CoA, Hassan on 9th March, 2023 in the Hassanamba Auditorium.

2023-24

1. University of Agricultural Sciences, Bangalore organized a "Volunteer Blood Donation Camp" in June, 2023 at UAS, GKVK. 40 volunteers and teaching and non-teaching faulty.
2. University of Agricultural Sciences, Bangalore organized an "Awareness Programme on Breaking Barriers: An Interactive Session on Oncogynecology" in June, 2023 at UAS, GKVK. Around 150 members was attended the event
3. University of Agricultural Sciences, Bangalore organized an interactive session on "Beyond the Comfort Zone: Empowering Mid-20s Youth for Life's Challenges" in June, 2023 at UAS, GKVK. Around 200 students participated.
4. Youth Red Cross Society Unit, College of Agriculture, Hassan in collaboration with IIT, District health and Family welfare Department, Hassan organised Free "Blood pressure, diabetic and Dental health check-up camp" on 31-05-2023 at Hassanambha Auditorium, Agriculture college, karekere, Hassan district.
5. Red cross Unit and NSS Unit College of Agriculture, Hassan in association with HDFC Bank had conducted Blood donation camp held on 14-12-2023 at College of Agriculture, Hassan.

2024-25

1. University of Agricultural Sciences, Bangalore organized "World Health Day" in April, 2024 at UAS, GKVK. Nearly 200 students and Faculty was participated.

2. University of Agricultural Sciences, Bangalore organized "World Red Cross Day" in May, 2024 at the College of Agriculture, Chintamani. More than 150 students and Faculty were participated.
3. University of Agricultural Sciences, Bangalore organized "World Red Cross Day" in May, 2024 at Haradanahalli Farm, Chamarajanagara. More than 100 students and fulty was participated.
4. University of Agricultural Sciences, Bangalore organized "World Red Cross Day" in May, 2024 at the College of Agriculture, Mandya. More than 175 students and faculty were attended the programme.
5. University of Agricultural Sciences, Bangalore organized "World Red Cross Day" in May, 2024 at UAS, GKVK. Nearly 200 students and faculty were attended the programme.
6. College of Agriculture, Karekere, Hassan in Association with Indian Red Cross Society, Hassan has celebrated "**World Red Cross Day**" on 08.05.2024 at Hasanamba Auditorium, College of Agriculture, Karekere, Hassan.

2025-26

1. University of Agricultural Sciences, Bangalore organized student participation in the "Youth Icon Programme" in May, 2025 at Yenepoya University, Mangalore.
2. University of Agricultural Sciences, Bangalore organized a "Health and Blood Donation Camp" on 01-07-2025 at UAS, GKVK. More than 300 students was participated and around 150 students donated the blood.
3. University of Agricultural Sciences, Bangalore organized "Rural Health Awareness Campaigns" during September, 2025 across multiple RAWE villages
4. University of Agricultural Sciences, Bangalore organized a "Training Programme on First Aid and CPR to Youth Volunteers" in October, 2025 at UAS, GKVK. More than 150 Students and faculty were attended the training programme.
5. University of Agricultural Sciences, Bangalore organized a "Training Programme on First Aid and CPR" on 04-11-2025 at UAS, GKVK. Nearly 100 students and faculty were attended the programme.
6. University of Agricultural Sciences, Bangalore organized a "Training Programme on First
7. Aid and CPR" on 05-11-2025 at UAS, GKVK. More than 150 students and faculty were attended the programme.
8. University of Agricultural Sciences, Bangalore organized a "Training Programme on First Aid and CPR" on 06-11-2025 at UAS, GKVK. More than 120 students and faculty were attended the programme.
9. University of Agricultural Sciences, Bangalore organized an "Awareness Programme on Organ and Eye Donation" on 11-11-2025 at UAS, GKVK. More than 140 students and faculty were attended the programme.
10. University of Agricultural Sciences, Bangalore organized a "Health and Blood Donation Drive" during Krishimela, 2025 at UAS, GKVK. More than 200 students was participated and around 90 students donated the blood.
11. University of Agricultural Sciences, Bangalore organized student participation in the "Global Youth Summit 2025" at Yenepoya University, Mangalore.
12. University of Agricultural Sciences, Bangalore organized student participation in the "YRC Bengaluru Division Level Camp" in November, 2025 at Chitradurga.

13. University of Agricultural Sciences, Bangalore organized faculty participation in the "Workshop for YRC Program Officers and Volunteers" in December, 2025 at Bengaluru City University.
14. A free eye check-up camp was organized at College of Agriculture, Hassan on 14.05.2025 in collaboration with Youth Red Cross Unit, College of Agriculture, Hassan, Red Ribbon Club, Hassan and Vasan Eye Care Hospital, Hassan.
15. Red Cross Unit and NSS Unit College of Agriculture, Hassan in association with HDFC Bank conducted Blood donation camp on 29.11.2025 at College of Agriculture, Hassan.
16. The "International Women's Day" program was jointly organized by the University of Agricultural Sciences, Mandya; College of Agriculture, Karekere, Hassan; Red Cross and Red Ribbon, Hassan; and Rotary Club, Channarayapatna. The event was held on 26.03.2026 (Thursday) at the Hasanamba Auditorium of the College of Agriculture, Hassan

INTERNATIONAL CENTRE ACTIVITIES

The list of collaboration taken place during last five years with international agencies,/,universities,/,institutes for academic, research and others.

Sl. No.	Year	Name of the international organisation	Name of the agency /University / Institute	Type of collaboration (Academic / Research /Others)
1	2019-20	Western Sydney University, Australia	Western Sydney University, Australia	Academic
2	2021	North Carolina State University, USA	North Carolina State University, USA	Academic and Research
3	2023	University of Kassel, Germany	ERASMUS+ key with University of Kassel, Germany	Academic and Research
4	2019	University of Gottingen, Germany	Namaste+ with University of Gottingen, Germany	Academic and Research
5	2024	Louisiana State University, USA	Louisiana State University, USA	Academic
6	2022	University of Gent, Belgium	University of Ghent, Belgium	Academic
7	2022	University in Wageningen, Netherlands	University in Wageningen, Netherlands	Research
8	2021	Purdue University, USA	Purdue University, USA	Academic and Research
9	2021	Friedrich Schiller University Jena, Germany	Friedrich Schiller University Jena, Germany	Academic and Research
10	2023	University of Saskatchewan Saskatoon, Canada	University of Saskatchewan Saskatoon, Canada,	Research

NATIONAL LEVEL FESTIVALS

a) Republic and Independence Day Celebration

Every year 26th of January Republic Day and 15th of August, Independence Day is celebrated in the University Campus, GKVK Bangalore and other sub campuses. In the headquarter Hon'ble Vice-Chancellor used to garland the statues of renowned and late personalities and scientists such as Mahatma Gandhiji, Dr. Kuvempu, Dr. Puttarudraiah, Ragi Lakshmanaiah and Dr. K.C. Naik before hoisting the National flag, along with different cultural programmes (UG and PG). Hon'ble Board Members, Key officers, Faculty, Non-Teaching Staff and Students use to participate in the function. Similar programme was also celebrated in the sub-campuses by the respective Deans, faculty and students.





Glimpses of Republic and Independence Day celebrations at UAS, GKVK, Bangalore

b) International Yoga Day

Every year 21st of June, International Yoga Day is organized at Dr. Babu Rajendra Prasad International Convention Centre GKVK, Bangalore, in the chairmanship of Hon'ble Vice-Chancellor. Well-known yoga specialists are invited for the programme. Key officers, Teachers, Non-Teaching staff and students used to attend the function.

6.6.6.5. Student Counselling and Placement Cell

Student counselling at College of Agriculture, UAS, GKVK, Bengaluru

- Dedicated student counsellors are assigned at a ratio of 1:12 (one counsellor for every 12 students) to monitor students' academic progress.
- Counsellors periodically review the academic performance of students.
- Monthly counselling meetings are conducted to provide academic guidance and support.
- Counsellors offer emotional support and advise students on financial matters, scholarships, and career planning.
- One-to-one mentoring is provided when students approach the counsellor for additional support.
- Semester grade cards are distributed to students during counselling sessions to help them understand their academic performance.

- A separate counselling record is maintained for each student by the counsellor to monitor progress and provide timely guidance

Student counselling at College of Sericulture, Chintamani

Student counselling is an important support activity conducted for students at the College of Sericulture, Chintamani. The counselling programme aims to guide students academically, personally and professionally throughout their course of study. The counselling sessions are generally organized by faculty members who act as mentors to a group of students. These mentors monitor students' academic progress, attendance and overall behaviour. They also provide guidance on effective study habits, time management and career opportunities in agriculture and sericulture-related fields.

The main objectives of student counselling include:

- Helping students adjust to the college environment and academic system.
- Identifying students facing academic or personal difficulties.
- Providing guidance for improving academic performance.
- Offering career counselling and information about higher education and job opportunities.
- Encouraging personality development, communication skills, and leadership qualities.

During counselling sessions, students are encouraged to discuss their problems openly with faculty counsellors. Appropriate solutions, mentoring, and follow-up actions are provided to support their well-being and academic success. Counselling also plays an important role in reducing stress and motivating students to achieve their goals.

Student counselling at College of Agriculture Mandya

A well-structured student counselling system is in place in the college to promote the academic and personal development of students. During admission to the first-year degree programme, every student is allotted a faculty advisor who remains responsible for mentoring them throughout their period of study. Each counsellor generally guides a small group of six to eight students, enabling close interaction and individual attention. Students are encouraged to meet their counsellors regularly to discuss academic matters, participation in co-curricular and extracurricular activities, career planning, and other concerns. Through continuous interaction, counsellors assist students in making appropriate decisions and improving their academic performance. The counsellors also closely observe the progress of students, identify learning or adjustment issues at an early stage, and extend necessary guidance and support. In addition, they help students overcome personal difficulties, build confidence, and adapt comfortably to the institutional environment, thereby supporting their overall development and well-being.

Student counselling at College of Agriculture, Karekere, Hassan

Student counselling is effectively implemented in the college to support the overall development of students. At the time of admission to the first-year degree program, each student is assigned to a faculty member who serves as their counsellor throughout the course, with typically six to eight students under one counsellor to ensure personal attention. Students are encouraged to regularly interact with their counsellors regarding academic, co-curricular, and extra-curricular activities, which helps them make informed decisions and improve their performance. Counsellors continuously monitor the academic progress of students, identify any difficulties, and provide timely guidance and support. They also play an important

role in addressing personal concerns, motivating students, and helping them adjust to the college environment, thereby contributing to their overall growth and well-being.

Placement cell, College of Agriculture, GKVK, Bangalore

The Placement Cell functions under the guidance of the Dean (Student Welfare) and plays an important role in supporting the career development of students. It is established to facilitate strong Institute–Industry interaction by organizing career counselling programmes and assisting outgoing students in securing employment opportunities in organizations of their choice. To ensure timely communication, a dedicated WhatsApp group has been created to share information on job openings, recruitment drives, and internship opportunities. In addition, placement-related notifications are also uploaded on the university website for easy access. Hard copies of job notifications are circulated to all departments, the library, canteen, and hostels to ensure that students are well informed about available opportunities. During the last five years, nearly **402** students have secured employment through the Placement Cell. Many of these students have been placed in reputed public sector and private organizations such as commercial banks, seed companies, fertilizer companies, and various institutions. However, a large number of students prefer to pursue higher studies, and many of them later secure employment on their own without direct assistance from the Placement Cell.

Year	Number of students placed through campus selection			
	Public sector	Private sector	Banking sector	Total
2021-22	23	54	19	96
2022-23	18	105	4	127
2023-24	19	37	55	111
2024-25	0	45	2	47
2025-26	3	16	2	21
Total	**63**	**257**	**82**	**402**

List of the Public, Private and Banking sectors that visited the Campus in the past five years

Sl. No.	Companies approached	Notifications issued	No. of students appeared for interview / Date of Interview	No. of students selected
2021-22				
1	ITC Ltd.	10.07.2021	26/06.08.2021	03
2	Technical Consultancy of GOK	09.08.2021	17/10.08.2021	05
3	Tattva-Hical and Compounds Pvt. Ltd.	10.08.2021	05/13.08.2021	-
4	Viterra India pvt. Ltd.	02.09.2021	43/12th& 13th Nov. 2021	3
5	Rallis India Pvt. Ltd.	20.11.2021	27.11.2021 and 29.11.2021	1
6	Fraazo Pvt. Ltd.	14.12.2021		10
5	Arthanomics Research and Consultancy Service		19.01.2022.	6 Nos.

6	Fraazo Pvt. Ltd.		20.01.2022	08 Nos.
7	Sundaram finance	12.01.2022	04/16.02.2022	04
8	Waycool foods & products Pvt. Ltd.	25.02.2022	04/08.03.2022	02
2022-23				
1.	A B Eswer & co	07.04.2022		01
2.	Nafa	09.05.2022	23.05.2022	2
3.	Re Notification- Deejay Coconut farm Ltd	21.05.2022	02 students / 30th May	1
4.	Aadyah aerospace Pvt. Ltd.	21.05.2022	4 students	1
5.	Carbon master India Pvt. Ltd.,	04.05.2022	Interview was in May 2nd week	2
6.	Praakritik	01.06.2022	4 students 15.06.2022	1
7.	Chifu Agritech Pvt. Ltd. (interns)	08.09.2022	Online	01
8.	Iffco kisan (walk in interview)	13.09.2022	15.09.2022	16
9	Mind Sprite Solutions, ED-Tech Company (interns)	25.08.2022	27.09.2022	03
10	Reliance retail (collection center)	07.10.2022	30 Students 18.10.2022	03
11	Reliance retail (Quality Officer)	07.10.2022	23Students 18.10.2022	01
12	Ariant Veg Private Limited	12.10.2022	42 students 28.10.2022,10 students have been shortlisted yet processing	07 Diploma (Agri.) / 03 B.Sc. (Hons.) Agri.
13	Ung agros	07.11.2022	04 students 22.11.2022	01
14	Sundaram finance	07.11.2022	20 Students 24.11.2022	04
15	Project communications	07.11.2022	6 Students 16.11.2022	01
16	Rallis india Pvt. Ltd.	17.11.2022	38 students 02.12.2022	03
17	Swash yaksaz pragathi biotech solutions Pvt. Ltd.	13.12.2022	04 students 24.12.2022	01
18	Reliance retail Ltd.	03.12.2022	30 students 19.12.2022	03
19	Analytical wizards	15.11.2022	8 students 05.01.2023	1
20	Vtrike Pvt. Ltd. {internship}	02.01.2023	21 students 09.01.2023	2

21	Kelachandra coffee	12.01.2023	31.01.2023	3
22	M5 info solutions Pvt. Ltd.	28.01.2023	**(Walk in Interview)** 18 Students 31.01.2023	6
23	Synthite industries Pvt. Ltd.	28.01.2023	16 Students 15.02.2023	03
24	VST tillers tractors Pvt.Ltd. (Walk in Interview)	13.02.20232	24 Students 14.02.2023	04
25	Reitzel India (Walk in Interview)	16.02.2023	4 Students 17.02.2023	02
26	Esaf small finance bank	07.03.2023	21 students 23.03.2023	3
2023-24				
1.	Hi-field organics Inc (Internship)	05.05.2023/ MBA Marketing	25.05.2023 online	2
2.	Greenland fresco	09.05.2023 MBA (ABM)	5 students online 04.05.2023	1
3.	HDFC Bank	05.06.2023/ UG/PG Students	75 students online 15.06.2023	5
4.	Viyaat agro llp	07.07.2023 UG Students	25 students/ Online 19.07.2023	2- Male
5.	Federal bank	31.07.2023/ UG/PG Students	Online	2- Female
6.	Sundaram Finance Ltd.	04.09.2023UG/ Students	Walk in interview	5
7.	Esaf Small Finance Bank	04.11.2023	07.11.2023 Walk in interview	6 -Male
8.	Big basket	13.12.2023 UG Students / MBA	Online interview	1- Male
9.	Rallis India Ltd.	24.01.2024 M.Sc (Agri/Horti) / MBA (Agri Business)	31.01.2024 Online interview	2- male
10.	Big Basket (Internship)	05.02.2024 B. Sc. Agri./ Horticulture	22 Students / online	1- male 2- female
11.	Sarvagram (Walk In Interview)	05.02.2024/ UG / PG Students	08.02.2024	1- male 1- female
12.	Crescendo Finserve Private Limited	MBA (Agri-business Management) &	7 students 01.03.2024	4- male

		Bachelor's Degree in Agriculture or Agri.-allied field		
13.	VST tillers tractors Ltd.	07.03.2024 /B. Tech Agriculture Engineering	21 students Attended on 14.03.2024	3-Male 1- Female
14.	M5 Info Solutions Pvt. Ltd.	16.03.2024 BS.c (Agri) / Diploma in Agriculture /Agriculture Engineering	19 Students attended on 19.03.2024 on & 8 students Selected for which is in 26th march	4- Male 1- Female
15.	Syngenta	14.02.2024/ UG students	13 students Attended on 07.03.2024	3- Male 2- Female
16.	ITC Agri Business Division	19.02.2024 PG students	20Students Shortlisted 11.03.2024	1- Male 1-Female
2024-25				
1.	IDBI bank Ltd.	12.04.2024 B.Sc/ B.Tech (in Agri/Agri Engg./ diploma	648Students and 48 students shortlisted 24.04.2024 (online)	2-Male 3-Female
2.	Cargill India Private Limited	15.05.2024 / UG Degree	17 students Shortlisted interview 24.05.2024	3-Male 3-Female
3.	Amsha Next Gen Private Limited (Internship)	20.05.2024 / UG / PG Degree	20 students Shortlisted 24.05.2024 Online interview	3-Male 2-Female
4.	Nisarga Woods Pvt. Ltd.	11.07.2024 Bachelor's degree in Agriculture or related field	20 students attended / interview was held on 16.07.2024	8- Female 2- Male
5.	Stackedutech Pvt. Ltd.	12.04.2024 Any Graduates (UG & PG) students	42 students were selected online and interview was held on 25.07.2025	19- Female 5- Male
6.	Godrej Agrovet Ltd.	10.08.2024B.Sc. (Hons.) Agri./ ABM/ Agri. Engg./ Seri./ Food Tech./ Biotech. M.Sc. Agriculture in any discipline	38 students were shorted listed / Interview was on 28.08.2024	4- Female

7.	Trident Group	20.06.2024 / Final year UG students (2023-2024 outgoing)	20 students Shorted listed / online interview held on 31.08.2024	2- Male
8.	More Retail Pvt. Ltd.	08.01.2025 / B.Sc Agriculture Graduates / Diploma	10 students attended the interview on 30.01.2025	1- Male 1- Female
9.	IPL Biologicals Limited	15.01.2025 / MBA – ABM 2024 &2025out put Graduates M.Sc. (Agri)-2025 pass out	36 students attended the interview on 28.01.2025	2- Male
2025-26				
1.	Sujay Irrigations Pvt. Ltd.	B.Tech.(Agri. Engg.) / B.Sc. (Hons.) Agri. 30.05.2026	38 students Applied & 16 Students selected for interview on 20.06.2025	4- Male
2.	ITC Ltd (Agri Business Division)	M.Sc. Agriculture (Applicable only for current year pass out FY24-25.) 30.05.2025	410 students applied 84 students selected for interview on 24.06.2025	3- Male 3- Female
3.	Smart Agro Farm Solutions LLP (internship)	10.07.2025/ B.Sc / M.Sc. Agri	Online interview	2- Male
4.	VST tractors Pvt. Ltd.	10.02.2026.	Ofline	2- male 2- female

Placement cell, College of Agriculture, Mandya.

The Placement Cell functions under the guidance of the Dean (Student Welfare) to support the career development and employability of students. It promotes Institute–Industry interaction through career guidance programmes and placement activities, helping students secure suitable employment opportunities. Information regarding job openings, internships, and recruitment drives is communicated through a dedicated WhatsApp group, the university website, and printed notifications displayed in departments, hostels, the library, and other common areas.

During the last five years, nearly 163 students have secured employment through the Placement Cell in reputed public and private organizations, including banks, seed companies, fertilizer industries, and other

institutions. However, many students prefer to pursue higher studies and later obtain employment independently based on their qualifications and skills.

Sl. No.	Year	Name of the placement	Subject / Discipline	No. of students employed	Positions / Ranks achieved	Organisation employed
1	2021-22	ARS	GPB	2	Scientist	ASRB
2		National Exams	-	-	-	-
3		State Exams	Agriculture	4	Agriculture Officer, Assistant Agriculture Officer, Horticulture, Sericulture.	GoK
4		Bank Exams	Agriculture	6	Specialist Officer, Agriculture Officer, Rural Development Officer	IBPS
5		Private Companies	Agriculture	4	Seeds, Insecticides and fertilizer companies	Seeds and fertilizer companies
6		Any other	Agriculture	15	Assistant Professor, ATMA, NAREGA, Agro based Industries	University, Agriculture Departments, Projects, schemes
1	2022-23	ARS	-	-	-	-
2		National Exams	Agriculture	1	Field Officer, inspector, Subject Matter Specialist.	GOI
3		State Exams	Agriculture	3	Agriculture Officer, Assistant Agriculture Officer, Horticulture, Sericulture.	GOK
4		Bank Exams	Agriculture	16	Specialist Officer, Agriculture Officer, Rural Development Officer	IBPS
5		Private Companies	Agriculture	10	Seeds, Insecticides and fertilizer companies	Seeds and fertilizer companies
6		Any other	Agriculture	12	Assistant Professor, ATMA, NAREGA, Agro based Industries	University, Agriculture Departments, Projects, schemes
1	2023-24	ARS	-	-	-	-
2		National Exams	Agriculture	1	Field Officer	GOI

3		State Exams	Agriculture	2	Agriculture Officer, Assistant Agriculture Officer	GoK
4		Bank Exams	Agriculture	9	Specialist Officer, Agriculture Officer, Rural Development Officer	IBPS
5		Private Companies	Agriculture	18	Seeds, Insecticides and fertilizer companies	Seeds and fertilizer companies
6		Any other	Agriculture	5	Assistant Professor, ATMA, NAREGA, Agro based Industries	University, Agriculture Departments, Projects, Schemes
1	2024-25	UPSC	Agriculture	1	IAS	GOI
		UPSC	Agriculture	1	IPS	GOI
2		National Exams	Agriculture	5	Field Officer, Inspector, Subject Matter Specialist.	GOI
3		State Exams	Agriculture	1	Agriculture Officer	GoK
4		Bank Exams	Agriculture	8	Specialist Officer, Agriculture Officer, Rural Development Officer	IBPS
5		Private Companies	Agriculture	11	Seeds and fertilizer companies	Seeds and fertilizer companies
6		Any other	Agriculture	2	Assistant Professor, ATMA	University Agriculture Departments
1	2025-26	ARS	-	-	-	-
2		National Exams	Agriculture	1	Field Officer	GOI
3		State Exams	-	-	-	-
4		Bank Exams	Agriculture	4	Specialist Officer, Agriculture Officer	IBPS
5		Private Companies	Agriculture	18	Seeds, Insecticides and fertilizer companies	Seeds and fertilizer companies
6		Any other	Agriculture	2	ATMA, NAREGA	Agriculture Departments

Placement cell, College of Sericulture, Chintamani

The Student Placement Cellat the College of Sericulture, Chintamani plays an important role in helping students obtain employment and career opportunities after completing their degree. The main objective of the placement cell is to guide students about job opportunities in the public and private sectors

related to agriculture, sericulture, and allied industries. Regular meetings are organized by the placement cell coordinator to inform students about employment opportunities, competitive examinations, and higher education options.The placement cell also invites companies and organizations to conduct campus interviews. During these recruitment drives, students participate in interviews, group discussions, and aptitude tests conducted by recruiting companies. The cell also helps students participate in job fairs and career guidance programmes to improve their employability.

Details of placement of B.Sc. (Hons.) Sericulture students

Sl. No.	Year	College / University	Type of recruitment positions	Type of employer	No. of recruitment made	Mode and mechanism of counselling followed
1	**2021-22**	CoS, Chintamani	Sales executive	Private sector	09	Exam and interview
			Self-employment	-	02	-
2	**2022-23**		Assistant Manager	Bank sector	01	Exam and interview
			Sales executive	Private sector	09	Exam and interview
			Self-employment	-	04	-
3	**2023-24**		Assistant Manager	Bank sector	01	Exam and interview
			Sales executive	Private sector	04	Exam and interview
			Self-employment	-	03	-
			State exam	SEO's	27	Exam and interview
4	**2024-25**		Sales executive	Private sector	02	Exam and interview
			Self-employment	-	01	-
			National exam	Scientist (CSB)	19	Exam and interview
5	**2025-26**		Sales executive	Private sector	02	Exam and interview
			Self-employment	-	01	-

Details of placements of B.Sc. (Hons.) Agriculture students

Sl. No.	Year	College /University	Type of recruitment positions	Type of employer	No. of recruitment made	Mode and mechanism of counselling followed
1	**2021-22**	CoS, Chintamani	Assistant Manager	Bank sector	05	Exam and interview
			Sales executive	Private sector	29	Exam and interview
			Self-employment	-	05	-
2	**2022-23**		Assistant Manager	Bank sector	06	Exam and interview

			Sales executive	Private sector	35	Exam and interview
			Self-employment	-	06	-
3	**2023-24**		Assistant Manager	Bank sector	02	Exam and interview
			Sales executive	Private sector	37	Exam and interview
			Self-employment	-	04	-
4	**2024-25**		Assistant Manager	Bank sector	04	Exam and interview
			Sales executive	Private sector	22	Exam and interview
			Self-employment	-	01	-
5	**2025-26**		Sales executive	Private sector	05	Exam and interview
			Self-employment	-	01	-

Placement Cell at College of Agriculture, Hassan

The College has faculty for all the three-degree programs. A WhatsApp Group for Placement Cell has also been created to assist the students with information regarding job opportunities. Students are also informed about the job notifications received from the University Placement Cell, GKVK, Bangalore. However, very few on-campus recruitments have taken place and the details are furnished in table below.

Year	**Number of students placed through campus selection**			
	Public sector	**Private sector**	**Banking sector**	**Total**
2023-24	5	20	14	39
2024-25	-	25	-	25
2025-26	-	5	-	5
Total	**5**	**50**	**14**	**69**

List of the Public, Private and Banking sectors that visited the Campus in the past five years

Sl. No.	**Name of the Companies/Organization**	**Sl. No**	**Name of the Companies / Organization**
1	FCI	**6**	KrishikBharathi Corporation
2	Vidya Herbs, Chikmagaluru	**7**	Namdharis group, Bengaluru
3	HDFC bank, Bengaluru	**8**	Lactis India Pvt. Ltd
4	Dodla Dairy Ltd.	**9**	Coromandel International Pvt. Ltd.

5	food based industries - Dr. Jackfruit Pvt. India Ltd, Tumakuru	**10**	Different Food Industries.

6.6.6.6. Disabled Friendly Facilities

Disabled Friendly Facilities at GKVK Campus

Various facilities are provided for the disabled persons at the following areas of the Institute:

- Ramps are provided at major buildings of the University, including the South Block and North Block of the college, Administrative Block (Naik Bhavan), and the University Library.
- Lift facilities are available in both the South and North Blocks of the college where classes are conducted, as well as in the Administrative Block.
- Wheelchair facilities with assistance are available in all major buildings.
- Disabled-friendly washrooms and toilets have been created in hostels by modifying the existing facilities.
- A special room for writing examinations is available on the ground floor of the College of Agriculture.



Naik Bhavan



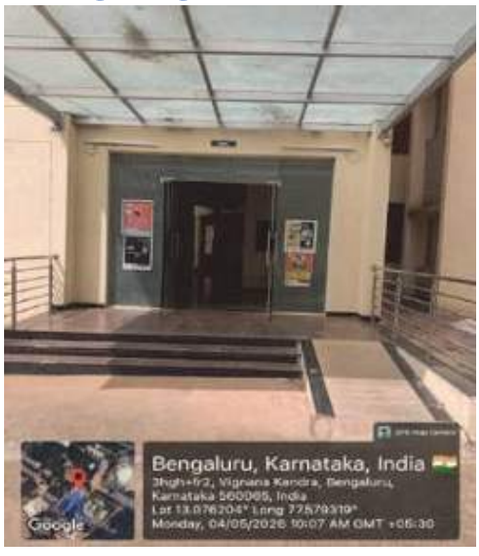
Library



College of Agriculture-South Block



BSH College-North Block



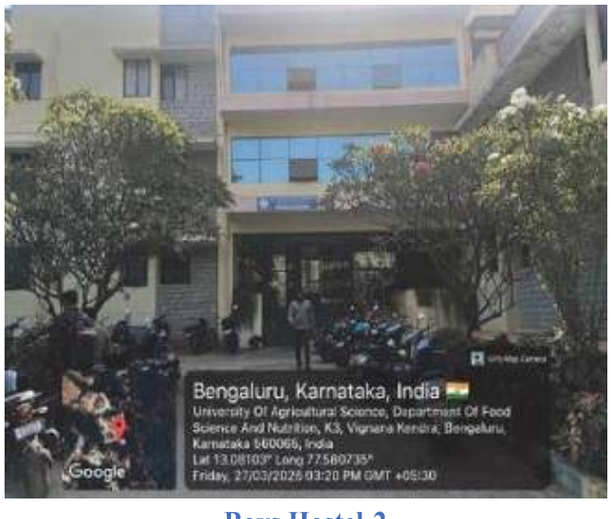
Girls Hostel-1



Girls Hostel-2



Boys Hostel-1



Boys Hostel-2



Boys Hostel-3



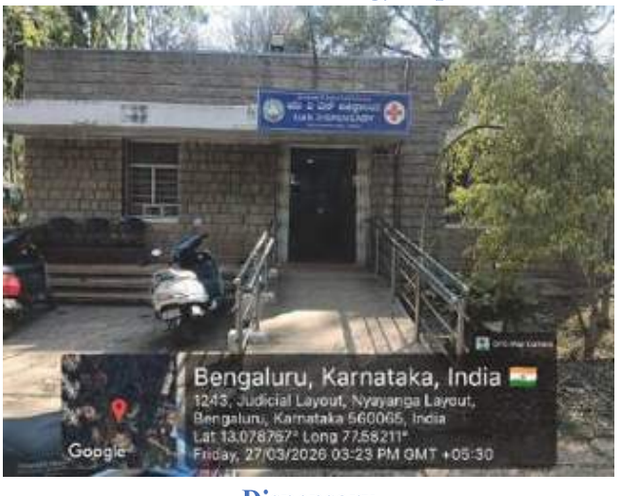
HAL-UAS(B) Honey Testing Lab



Plant Biotechnology Dept



Krishimela Toilet



Dispensary



Agricultural Museum



Agri Business Management



Institute of Baking Technology

Disabled Friendly Facilities at College of Sericulture, Chintamani

The College of Sericulture, Chintamani provides facilities to support students with disabilities and promote an inclusive learning environment. The campus includes ramps, accessible pathways, and restrooms to help physically challenged students move easily between classrooms, laboratories, and administrative buildings. Two wheelchairs are available on campus, and an anti-slip concrete ramp has been constructed at the auditorium to ensure safe mobility and assist during medical emergencies.



Ramp



Wheel chair for assistance

Disabled Friendly Facilities at Mandya Campus

The College of Agriculture, Mandya provides necessary facilities to support students with disabilities and ensure an inclusive and accessible campus environment. The institution has developed ramps, accessible pathways, and specially designed staircases at the entrances of the college and classrooms to facilitate easy movement for differently abled students. Wheelchairs are also available on campus, and

anti-slip concrete ramps have been constructed in important areas such as the auditorium to ensure safety, convenience, and support during emergencies.



College building



Library



Boys hostel



Girls hostel

Disabled Friendly Facilities at College of Agriculture, Karekere, Hassan

Wheel chairs in all three the college buildings including library are provided. Separate platform for wheelchair (Wheel chair Ramp) in all three the building including library. Special room facility for writing exams at the Ground floor. In library for the benefit of disabled students all reference books made available in Ground floor.



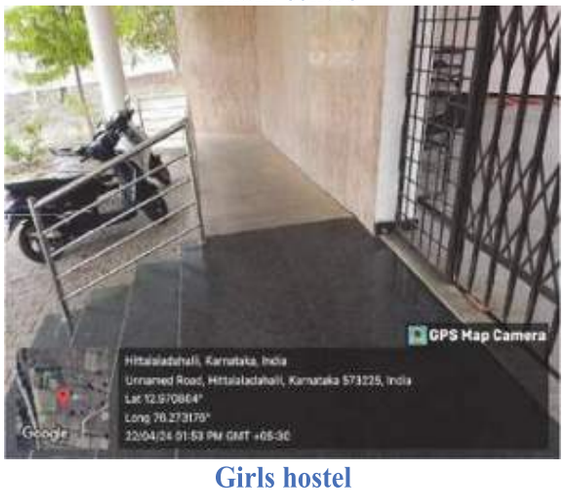
College building



Exam centre



Boys hostel



Girls hostel

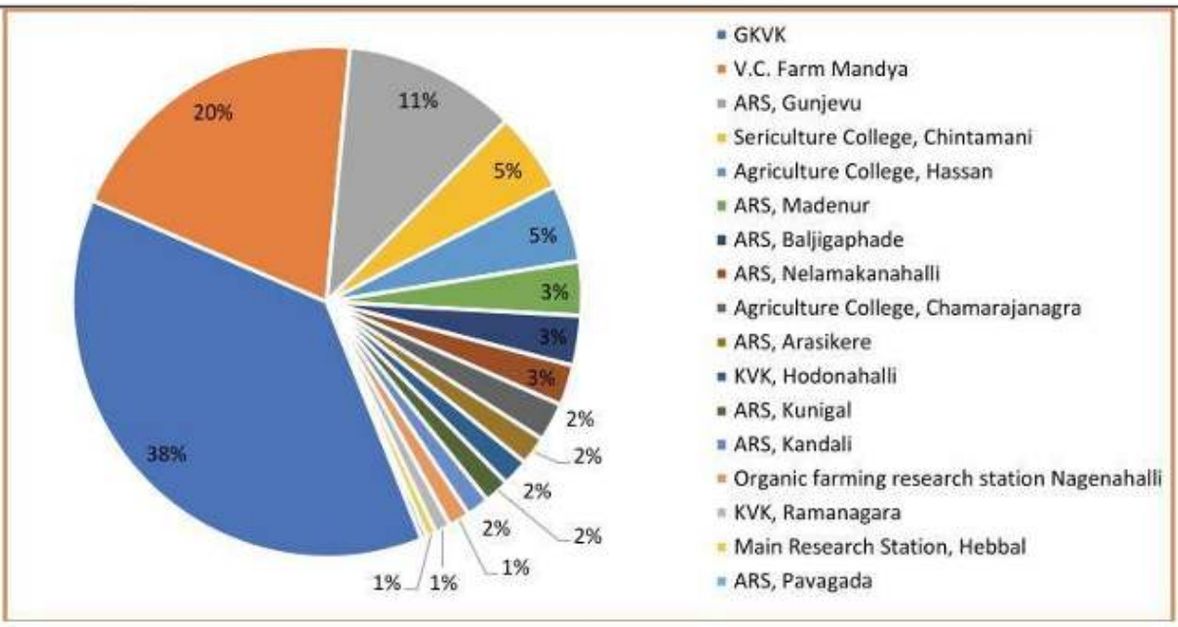
6.6.7. Infrastructure

6.6.7.1 Physical facilities including administrative building and lands

The University possesses a total land holding of 3206.62 acres distributed across its campuses, research stations, residential facilities, and Krishi Vigyan Kendra's (KVKs). The GKVK main campus forms the core with 1205.18 acres (37.58%) while V.C. Farm, Mandya holds 19.97 per cent with teaching, research and extension units. These campuses are complemented by sub-stations mainly concentrated on research or extension activities. Agriculture Research Stations collectively account for 25.35 per cent of the total area, forming the second largest share. Among colleges, College of Sericulture, Chintamani and College of Agriculture, Hassan contributed nearly 5 per cent each, while Chamarajanagar has a smaller share. Krishi Vignana Kendra's together occupy about 2.60 per cent of the land. Together, these colleges, research stations and extension units support agricultural education, research, and outreach across its jurisdiction. Locations and area of these campuses are enlisted in the table, and share (%) of land under Colleges, KVKs and Research stations of UASB are depicted in graph below.

Area spread details of different campuses of UASB

Sl. No.	Location	Area (in acres)	Per cent share of land
1.	Gandhi Krishi Vignana Kendra (GKVK)	1205.18	37.58
2.	V.C. Farm, Mandya	640.30	19.97
3.	Agriculture Research Station, Gunjevu	352.00	10.98
4.	Sericulture College, Chintamani	163.18	5.09
5.	Agriculture College, Hassan	160.11	4.99
6.	Agriculture Research Station, Madenur	108.23	3.38
7.	Agriculture Research Station, Baljigaphade	100.00	3.12
8.	Agriculture Research Station, Nelamakanahalli	84.10	2.62
9.	Agriculture College, Chamarajanagra	77.20	2.41
10.	Agriculture Research Station, Arasikere	59.60	1.86
11.	Krishi Vignana Kendra, Hodonahalli	53.21	1.66
12.	Agriculture Research Station, Kunigal	50.00	1.56
13.	Agriculture Research Station, Kandali	49.00	1.53
14.	Organic Farming Research Station, Nagenahalli	44.30	1.38
15.	Krishi Vignana Kendra, Ramanagara	30.21	0.94
16.	Main Research Station, Hebbal	20.00	0.62
17.	Agriculture Research Station, Pavagada	10.00	0.31
	Total Area (acres)	**3206.62**	**100.00**



Share (%) of land under Colleges, KVKs and Research stations of UASB

Physical facilities available at the University

The University is equipped with comprehensive physical facilities to support academic, research, and administrative functions. These include administrative and academic buildings, well-equipped laboratories, central library, classrooms and seminar halls, auditoria, hostels, staff quarters, guest house, health centre, sports and recreational facilities, and ICT-enabled infrastructure. The campus also houses research farms, experimental plots, greenhouses, animal husbandry facilities, workshops, roads, water supply, power systems, and other essential utilities, creating a self-contained academic and research ecosystem.

GKVK Campus

The campus possesses well-developed administrative infrastructure that supports efficient governance and institutional management. It has extensive academic blocks designed to facilitate multidisciplinary teaching and learning. Dedicated departmental buildings provide specialized spaces for different disciplines. The institution houses well-established research units that promote advanced scientific studies. A wide network of laboratories supports both teaching and research activities across departments. Modern laboratories equipped with advanced technologies strengthen biotechnology and molecular research. Practical learning is enhanced through well-maintained instructional farms. Various research schemes contribute to crop improvement and farming system studies. The campus includes several common facilities such as a library, and convention centre for academic and extension activities. Additional infrastructure supports training, outreach, and student engagement programmes. Recreational facilities including sports grounds, and green spaces promote overall well-being. The presence of a botanical garden enriches academic learning and biodiversity conservation. Student accommodation is ensured through multiple hostel facilities for different categories of students. Residential quarters are available for staff, ensuring convenient campus living. The institution has adopted renewable energy through solar power installations. Water conservation is supported by farm ponds and efficient harvesting systems. Livestock units provide hands-on training in animal husbandry. nurseries, laboratories and protected cultivation units support horticultural education and research. Seed production and processing units strengthen quality seed supply systems. Overall, the campus infrastructure comprehensively supports teaching, research, extension, and sustainable development activities.

The campus infrastructure comprises 2 administrative buildings (4359 m^2; 344.73 m^2) and 14+ academic blocks and departments (331 m^2 to 9470 m^2), along with 4 research units (330 m^2 to 3392.22 m^2). It includes 30+ instructional farm units (~0.008 to 50 ha; total ~100+ ha) and 100+ laboratories

(capacity ~50 students each; specialized labs up to 1704.57 m²). In addition, there are 20+ common facilities including library, convention centre, and amenities (63 m² to 8846.19 m²; botanical garden 25 ha; sports ground 5.6 ha) and 7 solar installations (3 KW to 250 KW). Residential infrastructure consists of 14+ hostel blocks (1132 m² to 32,242.34 m²) and 150+ staff quarters (35 m² to 306.56 m²). The campus is further supported by 4 major workshops (234 m² to 505 m²) and 50+ farm-related facilities including livestock units, seed units, nurseries, and water harvesting structures (10m² to 5445m²; pond capacity up to 452 lakh litres; hydroponics 2045 m²).

Details of physical facilities available at the University Head Quarters

Type of Infrastructure	Capacity / Area / No.	Year of Establishment
a) Administrative Building		
Naik Bhavan	4359.00 m²	1974-75
Examination centre	344.73 m²	1974-75
b) Academic blocks		
College of Agriculture (BSH) (North block)	9470.00 m²	1974-75
College of Agriculture (South block)	8185.30 m²	1974-75
Laboratory building for Soil Science	1050.00 m²	2016-17
Laboratory building for Entomology	816.00 m²	2018-19
Dept. of Sericulture	1236.00 m²	1984-85
Dept. of Agricultural Economics	472.68 m²	2017-18
Dept. of Horticulture	1936.00 m²	1981-82
College of Agricultural Engineering (Block I, Block II, main building)	1802.00 m²	1995-96
Agricultural Engineering Class Room and Workshop	331.00 m²	2009-10
Agricultural Engineering- FF (Examination hall)	135.00 m²	2013-14
Agricultural Engineering FF (Class room)	183.00 m²	2016-17
Dept. of Agriculture Marketing	2292.26 m²	2009-10
Agriculture Examination Hall	408.30 m²	2018-19
Dept. of Agriculture Class Room Building	1074.00 m²	2019-20
c) Colleges research units		
Dept. of Bio technology	3392.22 m²	2009-10
Dept. of Organic Farming	1148.90 m²	2009-10
Dept. of Bio Fuel	330.00 m²	2018-19
Dept. of Genetics & Plant Breeding (K block)	203.00 m²	2019-20
d) Instructional Farms		
Departments		
Agronomy	20.10 ha	
Agricultural Engineering	1.60 ha	
Apiculture	0.0082 ha	
Soil science and Agricultural Chemistry	3.00 ha	
Crop Physiology	3.75 ha	
Forestry & Environmental Sciences	6.20 ha	
Genetics & Plant Breeding	8.41 ha	
Horticulture	62.00 ha	
Plant Pathology	0.40 ha	
Sericulture	1.36 ha	
Seed Science and Technology	1.50 ha	
Schemes		
AICRP on Small Millets	2.00 ha	
AICRP on Pigeonpea	5.50 ha	

AICRP on Agroforestry	1.65 ha	
AICRP on PHET	Dry Lab - 1534 ft^2	
	Wet Lab - 1534 ft^2	
AICRP on Sunflower	2.00 ha	
AICRP for Dryland Agriculture	2.00 ha	
AICRP on Weed Management	1.25 ha	
AICRP on Potential Crops	1.00 ha	
Inland Fishery Unit	1.00 ha	
RIOF	1.00 ha	
AICRP on LTFE	1.00 ha	
AICRP on Arid Legumes	1.00 ha	
AICRP on IFS	1.00 ha	
AICRP on STCR	1.00 ha	
AICRP on Agrometeorology	1.00 ha	
AICRP on Castor, Sesame and Niger	1.00 ha	
AICRP on Vertebrate Pest Management	0.40 ha	
AICRP on Honeybees and Pollinators	0.40 ha	
AICRP on Acarology	0.40 ha	
AICRP on Soybean	0.50 ha	
AICRP on Arthropod Pests	0.10 ha	
e) Laboratories		
I. Labs at Dept. of Agricultural Entomology (South block)		
1. Soil Biology Lab (ICAR)	4 Nos.: / 50 Students each	1966-67
2. Insect Molecular Biology Lab (DBT)		
3. Niche Area of Excellence for Taxonomy of Insects and Mites Lab (ICAR)		
4. Insect Chemical Ecology Lab (DST-FIST)		
II. Labs at College of Agricultural Engineering		
1. Food Processing Lab (UASB)-UG & PG	6 Nos.: / 50 students each	1996-97
2. Soil and Water Conservation Lab (UASB)- UG & PG		
3. Computer Lab (UASB)- UG & PG		
4. Pilot Plant (MFPI)- UG		
5. Engine Lab-UG		
6. Engineering Physics Lab-UG		
III. Labs at Dept. of Agricultural Microbiology (North block)		
1. Bio-control Lab (DBT- DST Hub)	6 Nos.: / 50 students each	1966-67
2. Food Processing & Value addition Lab (RKVY)		
3. Mushroom Lab (RKVY)		
4. Bio-fertilizers mass production and quality control lab (GoK-Revolving fund)		
5. DST Hub Laboratory		
6. Molecular Biology Lab (DST-FIST)		
IV. Labs at Dept. of Apiculture (South block)		
1. Honey processing-cum-Testing Lab	1 No./50 students each	1996-97
2. Honey Testing Lab and Holistic Entrepreneurial Skilled Development Centre in Bee Keeping	1368.34 m^2	2023-24
3. Nuclear Magnetic Resonance (NMR) Honey Testing Laboratory	1704.57 m^2	2024-25
V. Labs at Dept. of Agronomy (South block)		
1. Water Management Lab		2016-17

2. Soil Testing Lab	3 Nos/ 50 students each	1974-75
3. Plant analysis Lab		
VI. Labs at Dept. of Plant Biotechnology		
1. Laboratories for Biotechnology Studies- UG & PG	4 Nos.: / 50 Students each	2009-10
2. Bio Chemistry Lab - UG & PG		
3. Tissue culture Lab - UG & PG		
4. Computer lab – PG, 25 systems		
VII. Labs at Dept. of Crop Physiology (North block)		
1. Tissue Culture Lab - PG	4 Nos.: / 50 Each	1976-77
2. Plant Physiology (Markers) Lab - PG		
3. Plant Molecular Biology Lab		
4. Stress Physiology Lab- PG		
VIII. Labs at Dept. of Food Science &Nutrition (North block)		
1. Food Processing Lab - UG	2 Nos.: / 50 Each	2002-2003
2. Food Science Chemistry Lab –PG		
IX. Labs at Dept. of Forestry & Environmental Sciences (North block)		
1. Bio-Fuel Lab (GoK) - PG	2 Nos.: / 50 Each	1973-74
2. Tissue culture Lab (GoK)- PG		
3. Biochar Production Unit	15 mt^2	2025
3. Biochar Shed – Pyrolysis Unit	17.5 mt^2	2025
IX. Labs at Dept. of Genetics & Plant Breeding (South block)		
1. Marker Assisted Lab (Rock Feller Foundation) - PG	5 Nos/ 50 students each	1974-75
2. Kirk House Trust Lab – PG		
3. Tissue Culture Lab - UG		
4. Molecular Biology Lab- PG		
5. Common MAS Lab – PG		
X. Labs at Dept. of Horticulture		
1. Tissue Culture Lab	3 Nos/50 students each	2007-08
2. Quality Analytical Laboratory for Medicinal and Aromatic Plants		1985-86
3. Molecular Lab		
4. General Lab - UG	1 No./50 students each	
5. General Lab - PG	1 No./50 students each	
XI. Labs at Dept. of Agricultural Statistics Applied Mathematics & Computer Science (North Block)	1 No./77 students	1974-75
XII. Labs at Dept. of Plant Pathology (South block)		
1. Mycology Lab (DST-FIST)	3 Nos.: / 50 students each	1974-75
2. Bacteriology Lab (RKVY)		
3. Virology Lab (RKVY)		
XIII. Labs at Dept. of Sericulture		
1. Silk Technology Lab (World Bank) – UG & PG	4 Nos./ 50 students each	1980-81
2. Silk Worm Pathology Lab (World Bank)-PG		
3. Rearing Lab (World Bank)		
4. Genera Lab – PG		
XIV. Labs at Dept. of Soil Science & Agricultural Chemistry (South block)	1 No./50 students each	1971-72
XV. Labs at Dept. of Agricultural Economics	1 No./ 19 students each	1970-71

XVI. Labs at Dept. of Animal Science (South block)		1 No./50 students each	1971-72
XVII. Labs at Dept. of Seed Science and Technology (South block)		1 Nos.: /50 students each	1985-86
XVIII. Labs at Schemes			
Small millets, GKVK	Molecular lab	56 m^2	1986
	Pathology lab	56 m^2	
	Entomology lab	56 m^2	
Pigeonpea	Pathology lab	75 m^2	2001
	Entomology lab	56 m^2	
Sunflower	Molecular lab	74 m^2	1972
	NMR Lab	9m^2	
Arid Legumes	Dolichols lab	37 m^2	1995
Castor	Poly-house for field disease screening	74 m^2	2018
Soybean	Field / germplasm collection lab	37m^2	1972
Potential Crops	Field / germplasm collection lab	9 m^2	1986
Seed Technology Research Unit	Seed testing laboratory	78 m^2	1981
Dryland Agriculture	Soil laboratory	450 m^2	
Agro -Meteorology	Surface observatory /Meteorological observatory	2006 m^2	1984
Agro-Forestry	Nutrient analysis lab	37 m^2	2015
Long Term Fertilizer Experiments		89 m^2	1972
Vertebrate Pest Management	Animal house and laboratory	1120 m^2	1982
Soil Arthropods Pests	Biocontrol laboratory	90 m^2	1980
	Taxonomy & Molecular laboratory	57 m^2	
AICRP on Nematodes Laboratory	Plant Parasitic nematodes	78 m^2	1988
Acarology & PC Unit	Molecular lab	80 m^2	1987
	Mite rearing lab	80 m^2	
AICRP on Honey Bees and Pollinators Laboratory	Honeybees & Pollinators		2009
Women in Agriculture	Food Processing and analytical laboratory		1981
Research Institute on organic farming	Soil testing lab	83 m^2	2008
	Microbiology lab	28 m^2	
Biofertilizer Production Unit	Biofertilizer lab	74 m^2	1975
f) Others			
UAS Campus School		572.00 m^2	1973
UAS Alumni Association Building		884.00 m^2	1989
Library Building		4030.00 m^2	1976-77
Farm Superintendent Office Building		265.00 m^2	1977-78
Post Office		63.00 m^2	1978-79
Bank (with ATM counter)		1 No/223.75 m^2	-

Dispensary	241.00 m^2	1981-82
UAS Canteen	492.87 m^2	2008-09
Farmer's Hostel	1500.00 m^2	2008-09
Store Purchase Office	103.00 m^2	2009-10
Indoor Games Hall	700.00 m^2	2010-11
ATIC	557.00 m^2	2010-11
Museum Building	923.50 m^2	2011-12
Bio-gas Based Power Generation Unit	54.00 m^2	2011-12
Samethi Building (GF)	364.00 m^2	2014-15
Samethi Building (FF)	403.24 m^2	2022-23
Dr. Babu Rajendra prasad International Convention Centre	8846.19 m^2 (2000 members capacity)	2014-15
STP of 150 KLD (Utilize treated water for irrigation)	98.00 m^2	2011-12
Suvarna Raitha Bhavan	GF-2155.36 m^2 FF-1110.00 m^2	GF-2016-17 FF-2018-19
Sports Pavilion	371.25 m^2	2018-19
Record Room	230.49 m^2	2021-22
Quality Testing Laboratory for Micro-irrigation Components (PFDC)	481.51 m^2	2022-23
Gene Bank	676.40 m^2	2022-23
Skill Development Centre (FF)	553.23 m^2	2022-23
Swimming pool	975.37 m^2	2023-24
Kabadi Court Roof Structure	976.67 m^2	2023-24
Mushroom Production Technologies at Dept. of Microbiology	246.57 m^2	2023-24
Bakery Training Unit	1419.74 m^2	2023-24
Sports Ground	5.60 ha	-
Botanical Garden	25.00 ha	-
Krishimela Field	7.28 ha	2007-08
Crop/ Technology Demonstration Plots	5.2 ha	2007-08
Krishimela Stage	1635.09 m^2	2016-17
VC Residence, Hebbal	343.60 m^2	2006-07
g) Solar panels		
1. Bio Technology Building	100 KWP	2008-09
2. Old International Students Hostel	10 KW	2018-19
3. New International Students Hostel	10 KW	2018-19
4. UG Girls Hostel	3 KW	2018-19
5. PG Girls Hostel	3 KW	2018-19
6. Agri. Engg. College Building	5 KW	2022-23
7. Agri. College (South block) Building	250 KW	2023-24
h) Hostels		
1. PhD Hostel – Boys 102 Rooms (204 Members) G+2	Phase I: 2587.35 m^2	2013-14
	Phase II: 1876.56 m^2	2017-18
	Phase III: 695.11 m^2	2018-19
2. PG Boys Hostel 68 Rooms (204 Members) G+2	2745.99 m^2	1974-75
3. UG Hostel Boys Block-1, 68 Rooms (204 Members) G+2	2745.97 m^2	1974-75
4. UG Hostel Boys Block 2, 68 Rooms (204 Members) G+2	2745.91 m^2	1974-75
5. UG Girls Hostel Block-1, 40 Rooms (200 Members) G+3	1885.96 m^2	2007-08
6. UG Girls Hostel Block 2, 28 Rooms (140 Members) G+2	1499.34 m^2	2008-09

7. UG Girls Hostel Block 3, 36 Rooms (144 Members) G+2	2239.8 m^2	2008-09
8. PhD Girls Hostel, 85 Rooms (170 Members) G+4	1132.00 m^2 1641.00 m^2	2009-10 2nd to 4th Floor: 2017-18
9. PG Girls Hostel (old) 55 Rooms (222 Members)	3800.0 m^2	1984-95
10. International Students Hostel (Old Block) Ground Floor: 6 Rooms, Total 12 members	410.00 m^2 410.00 m^2	2000-01 2003-04
11. International Student Hostel (New Block) 44 Rooms, 44 members	1880.00 m^2	2010-11
12. Working Women's Hostel 33 Rooms (99 members)	2496.00 m^2	2018-19
13. Girls Hostel (New) (G+2)	32242.34 m^2	2023-24
14. Boys Hostel (new)	3285.08 m^2	2025-26
i) Quarters (GKVK)		
C Type (6 Nos.)	2 Nos.: 80.00 m^2	1978-79
	2 Nos.: (GF): 230 m^2	2007-08
	2 Nos.: (FF): 231 m^2	2009-10
D Type (28 Nos.)	D1 to D-6: 57 m^2 each	1978-79
	D7 to D-24 1800 m^2	1978-79
E Type (14 Nos.)	E-1 to E-6 57.00 m^2 each	1978-79
	4 Nos.: 262.00 m^2	2007-08
	4 Nos.: 222.48 m^2	2009-10
F Type (14 Nos.)	6 Nos.: 35.00 m^2 each 4 Nos.: 180.00 $m^2$4 Nos.: 223.00 m^2	1978-79 2007-08 2009-10
G Type (26 Nos.)	4 Nos.: 290.00 m^2 8 Nos.: (2 units of each 4 Nos.): 306.6 m^2	2007-08 2009-10
NSP Quarters	3 Nos.: 168.00 m^2 each	1983-84
j) Quarters (Hebbal)		
A Type (10 Nos)	242.37 m^2 each	1971-72
B Type (20 Nos)	186.80 m^2 each	1971-72
C Type (40 Nos)	136.98 m^2 each	1971-72
F type (4 Nos)	205.42 m^2	2007-08
Kaveri Guest House, Hebbal: Old Building	442.97 m^2	1971-72
Kaveri Guest House, Hebbal: New Building (4 rows)	471.28 m^2	2006-07
K) Workshops		
Farm Machinery Workshop FMTC (Tractor and Farm Machinery Operation and Maintenance)	505 m^2	1993
Farm Machinery: Machine shop	505 m^2	
Farm Machinery: Engine lab	410 m^2	
PHET (Machine fabrication related to project activities)	234 m^2	1972
l) Farm facilities		
Livestock Unit		
1. ZARS, GKVK		
Dairy Unit	800 m^2	1973-1975
Sheep Unit	180 m^2	1973-1975
Poultry Unit	48 m^2	1973-1975
Goat Unit	100 m^2	1973-1975

Sheet & Goat Unit	216 m^2	1973-1975
Bullock Shed	180 m^2	1973-1975
Piggery Unit	72 m^2	1973-1975
	180 m^2	1973-1975
2. ARS, Balajigapade		
Cattle Sheds	44.64 m^2, 64 m^2, 63.75 m^2	1991
Sheep Unit	30.88 m^2	1991
3. ARS, Nelamakanahalli		
Sheep & Goat Unit	183 m^2	2021
4. ARS, Kunigal		
Dairy Unit	97 m^2	2018
Sheep Unit	92 m^2	2019
Threshing yard	7764 m^2	1995-96
Water Harvesting Structures/ Farm Pond		
1. ZARS, GKVK	4410 m^3	2010
	4560 m^3 128 m^3	
J Block (1 No)	300 lakhs litres capacity	2020-21
Near Horticulture Dept., Quarters, Pump house, (3 Nos)	451.6 lakhs litre capacity	-
2. ARS, Balajigapade	2120 m^3	2019
	15264 m^3	2019
3. ARS, Nelamakanahalli	1166.88 m^3	2015
	2310 m^3	2015
4. ARS, Kunigal	6000 m^3	2018
Meteorology Unit		
1. ZARS, GKVK	3600 m^2	1990
2. ARS, Pavagada	25 m^2	2010
3. ARS, Balajigapade	64 m^2	2008
4. ARS, Kunigal	25 m^2	2018
Green House/Nursery		
1. ZARS, GKVK	480 m^2, 112 m^2 256 m^2	1990
2. Horticulture: 14 Nos.	3418.87 m^2	2010
3. NSP, GKVK	120 m^2	1990
Seed Processing Unit		
1.National Seed Project (NSP)		
Seed processing plant 1	615.00 m^2	1984-85
Seed Technology Building	106.00 m^2	1984-85
2. ARS, Kunigal	624 m^2	2018
3. ARS, Nelamakanahalli	226 m^2	2019
Seed Storage Units/ Godowns		
1.National Seed Project (NSP)		
Storage Godown	33 m^2	1984-85
Storage Godown (Extn.)	225.30 m^2	2022-23
Seed Storage	250 m^2	1999-2000
Seed Godown and Work space	612.85 m^2	2010-11
Drying yard	224 m^2	2020-21
2. ARS, Pavagada	100 m^2	2010
3. ARS, Balajigapade	286 m^2	2008
4. ARS, Kunigal	624 m^2	2018
Bio-fuel		

1. BRQAL	656 m^2	2017-18
2. BRIDC	140 m^2	2011-12
Vermicompost/ Vermi-wash production		
1. ZARS, GKVK	72 m^2 300 m^2	1990-91
2. ARS, Balajigapade	46.75 m^2	2012
3. ARS, Kunigal	300 m^2	2020
4. ARS, Pavagada	10 m^2	2026
Bio-Digester/Bio Fertilizers		
1. ZARS, GKVK- Biodigester unit	1,75,000 lit	1990-91
2. ARS, Balajigapade	120 m^2	2010
Polyhouse Unit		
1.ZARS, GKVK	96 m^2	1990
2. NSP, GKVK	120 m^2	1990
3. ARS, Balajigapade	208.64 m^2	2021
4. ARS, Kunigal	200 m^2	2020
Shade Net		
1. Horticulture, GKVK (6 Nos.)	2562 m^2	2010
2. ARS, Balajigapade	330.89 m^2	2021
3. ARS, Kunigal	320 m^2	2020
Hydroponic unit		
1. NSP, GKVK	2045 m^2	2022
Vehicles		
Parking area	780 m^2	2007
Car	7 No.	-
Jeep/Car staff	12 No.	-
Bus	5 No.	-
Pickup van/Buggy	4 No.	-
Motor Bikes	9 No.	-
Minibus	2 No.	-
Tractors	7 No.	-



Naik Bhavan - Administrative block



Examination centre



College of Agriculture (South block)



Dept. of Entomology



Dept. of Sericulture



Dept. of Agricultural Economics



Dept. of Horticulture



College of Agricultural Engineering



Agricultural Engineering Class room and work shop



Agricultural Engineering- FF (Examination hall)



Agricultural Engineering FF (Class room)



Dept. of Agriculture Marketing



Agriculture Examination Hall



Dept. of Agriculture Class Room Building



Research Institute on Organic Farming



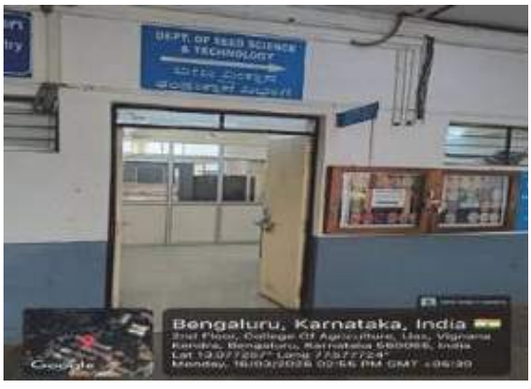
Advance Center on Bioenergy Research



Dept. of Genetics & Plant Breeding



Dept. of Agronomy



Dept. of Seed Science and Technology



Agricultural Engineering



Dept. of Apiculture



Dept. of Soil Science and Agricultural Chemistry



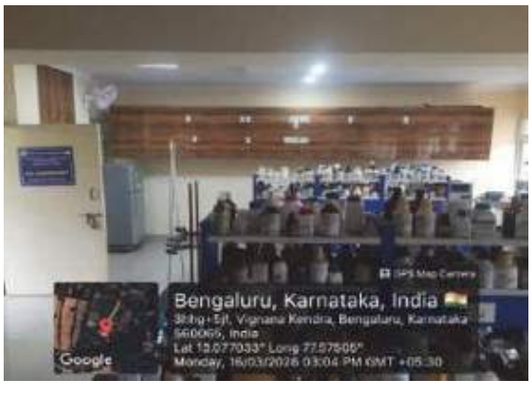
Dept. of Genetics & Plant Breeding



Dept. of Horticulture



Dept. of Plant Pathology



Dept. of Sericulture



Institute of Baking Technology and Value Addition



Advanced Centre for Skill Development in Mushroom Production Technology



Krishimela Exhibition stalls



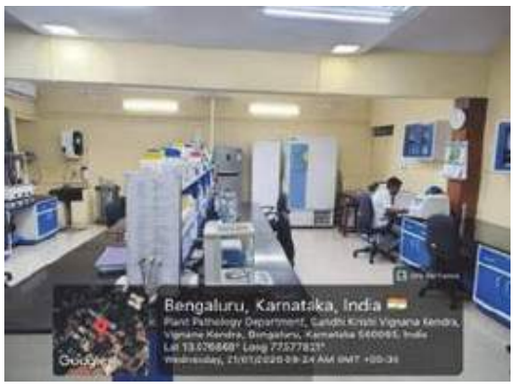
Krishimela Stage



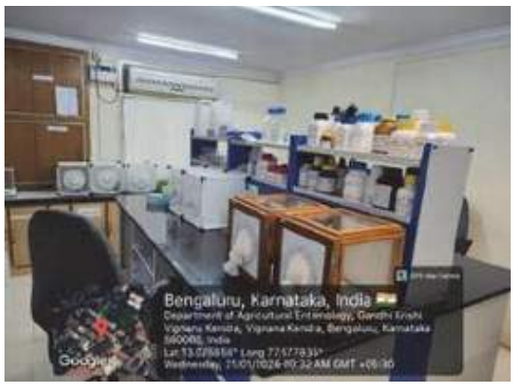
J Block (1 No)



Pump House near Horticulture Dept.



Soil Biology Lab (ICAR)



Niche Area of Excellence for Taxonomy of Insects and Mites Lab (ICAR)



Food Processing Lab (UASB) - UG & PG



Engineering Physics Lab - UG



Bio-control Lab (DBT- DST Hub)



Food Processing & Value Addition Lab (RKVY)



Mushroom Lab (RKVY)



Bio-fertilizers Mass Production and Quality Control Lab (GoK-Revolving fund)



Honey Processing cum Testing Lab (NAIP)



Honey Testing Lab and Holistic Entrepreneurial Skill Development Centre in Bee Keeping



Preparation of Honey Besan Ladoo



Preparation of Honey Dates Bite



UG labarotary of Dept. of Apiculture



UASB Next Generation Biofertilizer Unit



Laboratories for Biotechnology Studies

- UG & PG



Tissue Culture Lab - UG & PG



Computer Lab – PG



Tissue Culture Lab - PG



Plant Molecular Biology Lab



Food Processing Lab - UG



Food Science Chemistry Lab – PG



Tissue Culture Transfer Room (Horticulture)



Quality Analytical Lab for Medicinal & Aromatic Plants



Computer Lab - 1



Computer Lab - 2



Silk Technology Lab – UG & PG



Silk Worm Pathology Lab - PG

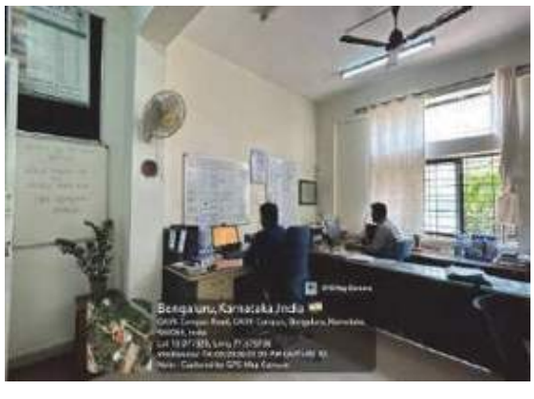


Seed Testing Lab



NABL - ILAC MRA Accredited Plant Disease Diagnostic Lab





Cost of Cultivation and Market Intelligence Cell (2015-16)



GIS Lab at Centre of Excellence - Water Management (2023-24)



Genomics and Gene Editing Lab (Genetics & Plant Breeding)



High Throughput Testing Laboratory for Plant Viruses, Phytoplasma and Viroids



DBT Accredited National Certification System for Tissue Culture Raised Plants



Bioenergy Research and Quality Assurance Lab



Bioenergy Research, Information and Demonstration Centre



Food Quality Analysis Lab



Processing Plant - Wet



Biochar Production Unit



Biochar Pyrolysis Unit



UAS Campus School



UAS Alumni Association



Faculty House



Agriculture Museum Building



Dr. Babu Rajendra Prasad International Convention Centre



North Block Auditorium



Media Laboratory / Studios (2025)



Record Room



Botanical Garden



PhD Boys Hostel (102 rooms)



PG Boys Hostel (68 rooms)



UG Hostel Boys Block-1 (68 rooms)



UG Girls Hostel Block-1 (40 rooms)



PG Girls Hostel (old) 55 Rooms



International Student Hostel (Old Block) Ground Floor: 6 Rooms Total 12 members



International Student Hostel (New Block)



Working Women's Hostel



Girls Hostel (New) (G+2)



Boys Hostel (New)



Quarters: C Type (6 Nos.)



Quarters: D Type (28 Nos.)



Quarters: E Type (14 Nos.)



Quarters: F Type (14 Nos.)



Quarters: G Type (26 Nos.)



NSP Quarters



A Block



C Block



G Block



I Block



J Block



Nursery



ZARS Dairy

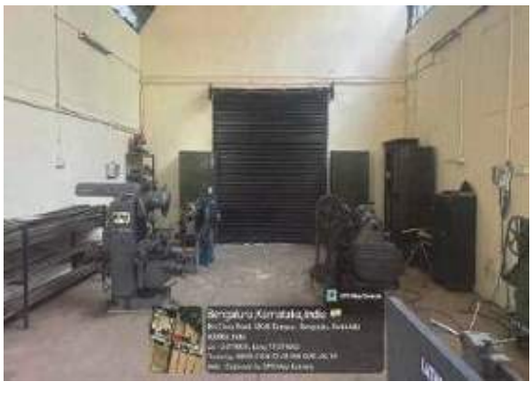


Senior Farm Superintendent Office





AICRP on Dryland Agriculture - Workshop



Machine Shop



Engine Lab



CoE Workshop



Machine Fabrication Unit (PHET) - 2011



Seed Processing Plant 1



Seed Technology Building



Storage Godown



Seed Godown and work space



Seed Treatment Unit



Seed Godown





Seed Processing Unit



Bio-gas based power generation unit



Roof Top Rain Water Harvesting



Dairy Unit



Goat Shed



Sheep Unit



Poultry Unit



Sheep and Goat Unit



Farm pond



Rain Water Harvesting Pond



Vermicompost Unit



Poly House



Mist chamber



Shade Net



Green House



Mango (Totapuri) Nursery



Jamun (Chintamani Selection-1) - Nursery



Hypophonic Unit-1



Hypophonic Unit-2



Parking shed



Threshing yard



Tractor



Bus

Chintamani Campus

The campus possesses well-established academic infrastructure including the college building and additional blocks that support teaching and academic activities. It also houses research units, experimental plots, and seed production facilities that strengthen research and technology development. The institution maintains instructional facilities such as horticultural demonstration units, nursery units, bio-craft units, and chawki rearing centres to provide practical training to students and farmers. A number of specialized laboratories across disciplines support experimental learning and scientific research. Supporting amenities such as the library, auditorium, KVK administrative building, dispensary, farmer's hostel, and sports facilities enhance academic and extension services. Additionally, farm ponds, student hostels, and staff quarters ensure adequate residential and resource management facilities on the campus.

The campus infrastructure includes academic blocks (3 units; ~3,455 m²) supporting teaching activities, along with research units (2 units; ~8,124 m²). Experiential learning is facilitated through instructional farm facilities (3 units; ~1,046 m²) and a seed production unit (1 unit; 2.5 ha). It houses laboratory facilities (8+ labs; ~105 m² each, capacity ~70 students) catering to multidisciplinary practical learning. Support infrastructure comprises 8+ common facilities (28 m² to 550 m²; sports ground 2.81 ha) including library, dispensary, hostel, and administrative buildings. Residential facilities include hostels (2 units with multiple phases; ~6,878 m²) and staff quarters (17 units; ~41–600 m²) developed over multiple phases. Additional farm-related infrastructure includes livestock units, nursery (2322 m²), greenhouse (5445 m²), farm ponds (6 units; ~134.73 lakh litres capacity), and units for vermicomposting and polyhouse cultivation.

Details of physical facilities available at Chintamani Campus

Type of Infrastructure	Capacity / Area / no.	Year of Establishment
a) Academic blocks		
College building (GF)	1800.00 m²	1995-96
Rear side building (FF)	990.00 m²	2009-10
Balance front portion (FF)	665.00 m²	2018-19
b) Colleges research units		
Bio-fuel unit	124.00 m²	2010-11
Experimental technique plot	8000.00 m²	2009-10
c) Instructional farms		
Demonstration of horticultural crops & Nursery unit	777.00 m²	2007-08
Bio-craft	1No/140.00 m²	2006-07
Chawki rearing centre	1No/129.00 m²	2007-08
d) Seed production units	1 No, 2.5 ha	2009-10
e) Laboratories		
I. Laboratories in ground floor		
Grainage lab	105.00 m² each/70 students each/4 Nos	1994-1995
Micro biology lab		
Agricultural engineering lab		
Soil science lab		
II. Laboratories in First floor		
Grainage lab	105.00 m² each/70 students each/4 Nos	2006-07
Micro biology lab		2006-07
Agricultural engineering lab		2006-07
Soil science lab		2017-18
f) Others		

1. RKVY	1 No. = 336 m^2	2009-10
2. Dispensary	28.00 m^2	2004-05
3. Library building	371.00 m^2	2005-06
4. Canteen	1 No.	2006-07
5. Farmer's Hostel	350.00 m^2	2010-11
6. KVK administrative building	550.00 m^2	2010-11
7. Auditorium	540.00 m^2 103 members	2020-21
8. Sports Ground	2.81 ha	-
9. Threshing yard	1200 m^2	-
g) Hostels		
1. Boys hostel	Phase I = 2481.00 m^2	1994-95
	Phase II = 1488.00 m^2	2016-17
2. Girls hostel	Phase I = 966.00 m^2 Phase II = 716.65 m^2 Phase III = 1226.67 m^2	2010-11 2010-11 2016-17
h) Quarters		
A Type (1 No.)	125.00 m^2	1995-96
B Type (1 No.)	123.00 m^2	1991-92
C Type (2 Nos.)	80.00 m^2 each/ 2 Nos	1991-92
D Type (9 Nos.)	1no. = 225.00 m^2 6nos. = 600.00 m^2 2nos. = 200.00 m^2	1no. = 1983-94 6Nos. = 1994-95 2Nos. = 1995-96
E Type (2 Nos.)	41.25 m^2 each	1977-78
F Type (2 Nos.)	42.00 m^2 each	1983-84
i) Others		
Cow unit	93 m^2	1995-96
Sheep unit		1995-96
Goat unit		1995-96
Farm pond	6 Nos. (134.73 lakhs litre capacity)	
Nursery	2322 m^2	1995-96
Green house	5445 m^2	1995-96
Vermicompost/ Vermiwash production	82.15 m^2	1995-96
Polyhouse Unit	158.79 m^2	1995-96
Vehicles		
Parking area	284 m^2	2017
Car	1 No.	-
Jeep/Car staff	1 No.	-
Bus	1 No.	-
Pickup van/Buggy	2 No.	-
Motor Bikes	-	-
Minibus	1 No.	-
Tractors	1 No.	-



Dean's office



Meeting hall



Asst. Administrative Office



Asst. Registrar Office



Asst. Comptroller Office



Administrative block



College building (GF)



Rear side College building



Balance front portion building



Bio-fuel unit



Experimental Technique Plot



Central Instrumentation lab



Seed Science & Technology & Horticulture Integrated Lab



Sericulture lab



Microbiology lab



Agricultural Engineering Lab



Soil Science Lab



Computer Lab



Entomology Lab



Plant Pathology Lab



Genetics & Plant Breeding Lab



Library building



Dispensary



RKVY unit



Staff quarters



Farmer's hostel



Canteen



Boys hostel



Girls Hostel Block -1



Girls Hostel Block -2



Nursery



Demonstration of horticultural crops



Dairy unit



Goat unit



Farm Pond



Vermicompost Unit



Shade net house



Poly house



Water tanks



Parking shed

Mandya Campus

The campus has extensive infrastructure comprising administrative and academic buildings, including the Agriculture College Building (2835.50 m²), multiple examination halls (493.72 m² and 634.56 m²), diploma administrative blocks (989.00 m² and 2363.50 m²), KVK building (549.99 m²), and PG laboratory (456.00 m²). A major research facility, the Zonal Agricultural Research Station (553.50 acres), along with instructional farm units such as wetland blocks (10 acres) and experimental plots (2 acres), supports field-based activities. Laboratory infrastructure is well established across departments, including Agronomy (77.74 m² each), Plant Pathology (up to 171.00 m²), Genetics and Biotechnology labs (up to 171.00 m²), Entomology labs and Polyhouse (241.31 m²), and Soil Science facilities with multiple units and a Water Technology Centre (539.99 m²). Supporting amenities include libraries (411.26 m² each floor), auditorium (531.36 m²), Raitha Bhavan (1141.80 m²), guest houses, sports ground (5.5 acres), and a pilot jaggery plant (1319.00 m²). The campus is strengthened with resource management systems such as farm ponds (1213 lakh litres, 14 units) and solar power installations (95 kW, 3 units). Residential facilities include boys' and girls' hostels (up to 2823.60 m²) and staff quarters of various types and capacities. Overall, the infrastructure demonstrates a comprehensive setup integrating education, research, extension, and residential needs.

Details of physical facilities available at Mandya Campus

Type of Infrastructure	Capacity / Area / No.	Year of Establishment
a) Administrative Building/ Academic blocks		
Agriculture College Building	2835.50 m²	1993-94
Plant Health Clinic, AV Hall, Examination Hall (First Floor)	493.72 m²	2007-08
Examination Hall (Second Floor)	634.56 m²	2021-22
Engineering Section (Second Floor)	77.04 m²	2010-11
Diploma Administrative Building (Phase I)	989.00 m²	2012-13
Diploma Administrative Building (Phase II)	2363.50 m²	2017-18
KVK Administrative Building	549.99 m²	2011-12
P G Laboratory	456.00 m²	2024-25
b) Colleges research units		
Zonal Agricultural Research Station	553.50 acres	
c) Instructional Farms		
Wet Land Crop Production B Block	10 acres	
Experimental Technique Plots A Block	2 acres	
Plant Pathology Experimental Plots	0.05 acre	
Department of Genetics and Plant Pathology	2.50 acres	
Department of Soil Science	2 acres	
Seed Production Unit	481.06 m²	2009-10
d) Laboratories		
I. Department of Agronomy		
Post graduate Laboratory	77.74 m²	1993-94
Undergraduate Laboratory	77.74 m²	1993-94
II. Department of Plant Pathology		
Post graduate Laboratory	77.74 m²	2018-19
Undergraduate Laboratory	171.00 m²	1993-94
III. Department of Genetics and Plant Breeding		
Post graduate Laboratory	51.10 m²	1993-94

Undergraduate Laboratory	171.00 m^2	2013-14
Plant Biotechnology Laboratory	77.74 m^2	2018-19
IV. Department of Entomology		
Post graduate Laboratory	123.50 m^2	2018-19
Undergraduate Laboratory	171.00 m^2	2013-14
Poly house	241.31 m^2	2015-16
V. Department of Soil Science		
Post graduate Laboratory	105.12 m^2 (5 No's)	2013-14
Undergraduate Laboratory	78.47 m^2 (53 No's)	1993-94
Central Instrumentation Lab	78.47 m^2 (5 No's)	2013-14
Water Technology Centre	539.99 m^2	2014-15
e) Others		
Guest House -1	287.99 m^2	1972-73
Guest House -2	13.20 m^2	2010-11
Library (Ground Floor)	411.26 m^2	1996-97
Library (First Floor)	411.26 m^2	2018-19
Farm Pond	1213 lakhs litre (14 No's)	-
Sports Ground	5.5 acres	1993-94
Bank building	108.51 m^2	1935-36
Post Office	1 Nos	-
Dispensary	61.93 m^2	1996-97
Trainees Hostel and Training Hall	241.81 m^2	1993-94
College Teachers Hostel	198.15 m^2	1996-97
Pilot Plant for Jaggery park	1319.00 m^2	2010-11
Biogas based power generation plant	123.28 m^2	2011-12
Canteen building	75.96 m^2	2013-14
Water Technology Museum	540.00 m^2	2014-15
Auditorium	531.36 m^2	2019-20
Raitha Bhavan	1141.80 m^2	2022-23
Threshing yard		
f) Solar panels		
Grid solar power system	95Kw (3 No's)	2019-20
g) Hostels		
Kuvempu Boys Hostel	36 rooms-2009.8 m^2	1994-95
Negilayogi Boys hostel (Diploma boys hostel) - 45 rooms	Phase I=502.00 m^2	2014-15
	Phase II=2228.28 m^2	2016-17
	Phase III=832.00 m^2	2021-22
Girls Hostel-1: 52 rooms	Phase I=2210.07 m^2	2010-11
	Phase II=720.00 m^2	2013-14
	Phase III=397.00 m^2	2016-17
Girls Hostel-2: 50 rooms	2823.60 m^2	2021-22
h) Quarters (GKVK)		
A type Quarters (2 No's,1 dispensary)	3 Nos.= 185.80 m^2 each	2 in 1971-72
		1 in 2005-06
B type Quarters (7 No's)	7 Nos.= 153.29 m^2 each	4 in 1972-73
		3 in 2005-06

E Type Quarters (14 No's)	176.51 m^2	1935-36
	108.51 m^2	1935-36
	4 No's each 102.19 m^2	1963-64
D type Quarters (20 No's)	74.32.00 m^2 each	1963-65
E type Quarters (19 No's)	71.99 m^2 each	1963-65
F type Quarters (40 No's)	35.30 m^2 each	1939-65
G type Quarters (44 No's)	17.18 m^2 each	1939-40
Vehicles		
Parking area	2736 m^2	2016
Car	6 No.	-
Jeep/Car staff	4 No.	-
Bus	2 No.	-
Pickup van/Buggy	2 No.	-
Motor Bikes	3 No.	-
Minibus	1 No.	-
Tractors	4 No.	-



Agri. College building



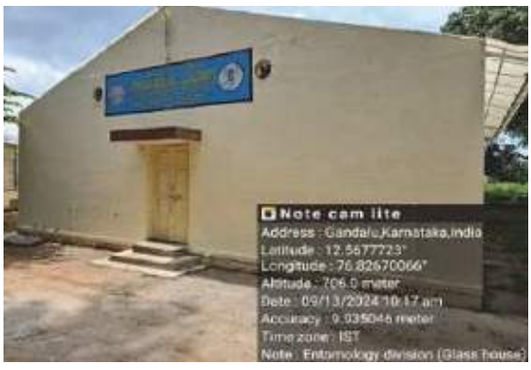
Agri. College North Block building



AICRP on Maize



Seed Health Purity Lab



Glasshouse, Entomology Dept



Food Grain Processing Unit



Jaggery Park



Hybrid Rice Store



Inland Fisheries Unit



Raitha Bhavan



Sr. Farm Superintendent Office



Agri. Implement Shed



Water Technology Centre



Weigh Bridge



Smart Class Room



Library



Parking shed

Hassan Campus

The institution has well-developed infrastructure with major academic and administrative buildings including the College of Agriculture (5342 m²), Food Technology Unit (2211 m²), Biotechnology Unit (2211 m²), and Classroom Building (537 m²). It is supported by research and field units such as research area (1.5 ha), instructional farms (8 ha), seed production units (15 ha), and biofuel park building (1855.81 m²). Laboratory facilities are extensive, comprising agriculture laboratories (12 No's; 60 students), biotechnology and biochemistry labs (2 No's; 60 students), plant tissue culture labs

(2 No's; 40 students), genetic engineering and molecular marker labs (30 students each), bioinformatics lab (60 students), and food science laboratories (8 No's; 240 students). Supporting amenities include library (720.05 m²), guest house (755 m²; 20 members), dispensary (355.00 m²), sports pavilion (520 m²; 300 students), indoor games block (3997 m²; 600 students), auditorium (3000 m²; 500 students), shopping complex (955 m²), and food processing unit (672.73 m²), along with sewage treatment plant (150 KLD) and sports ground (4.44 acres). Renewable energy infrastructure includes solar installations across buildings (100 KW, 10 KW, 5 KW, 3 KW, and 250 KW units). Residential facilities include boys' hostels (3162.00 m²; 48 rooms; 138 members and 2439.61 m²; 30 rooms; 90 members) and girls' hostels (846.67 m² floors; 38 rooms; 114 members, 2158.00 m² + 1100.00 m²; 41 rooms; 123 members, and 2782.60 m²; 50 rooms; 100 members). Staff quarters range across types (4–8 units each; 101.50–363.40 m² per unit). Water resource management is supported by farm ponds (4 No's; 2.5 lakh litres each). Overall, the infrastructure reflects a comprehensive system integrating academic, research, residential, and sustainability components.

Details of physical facilities available at Hassan Campus

Type of Infrastructure	Capacity / Area / No's)	Year of Establishment
a) Administrative Building/Academic blocks		
College of Agriculture, Hassan	5342.00 m²	2006-07
Food Technology Unit	2211.00 m²	2009-10
Agriculture Biotechnology unit	2211.00 m²	2009-10
Classroom Building	537.00 m²	2024-25
b) Colleges Research Units	1.5 ha	2006-07
c) Instructional Farms	8 ha	2006-07
d) Seed Production Units	15 ha	2006-07
Bio fuel park Building	1855.81 m²	2008-09
e) Laboratories		
Agriculture Laboratories - 12 No's	60 students	2006-07
Biotech and Biochemistry Laboratory - 2 No's	60 students	2009-10
Plant Tissue Culture Laboratory - 2 No's	40 students	
Genetic Engineering Laboratory	30 students	
Molecular Marker Laboratory	30 students	
Bioinformatics Laboratory	60 students	
Food Science Laboratory - 8 No's	240 students	2009-10
f) Others		
Guest House - 20 members	755.00 m²	2009-10
Library Building	720.05 m²	2009-10
Dispensary	355.00 m²	2009-10
Sports Pavilion - 300 students	520.00 m²	2009-10
Bank (with ATM Counter)	1	2009-10
Post Office	1	2009-10
Canteen	1	2009-10
Outdoor Pavilion Block	520.00 m²	2009-10
Indoor Games Block - 600 students	3997.00 m²	2009-10
Auditorium - 500 students	3000.00 m²	2009-10
Shopping Complex Building	955.00 m²	2010-11
Food Processing Unit	672.73 m²	2023-24

Sewage Treatment Plant	150 KLD	2015-16
Sports Ground	4.44 acres	-
Threshing yard	512 m^2	2009
g) Solar panels		
Bio Technology building	100 KWP	2008-09
Old International Students Hostel	10 KW	2018-19
New International Students Hostel	10 KW	2018-19
UG girls Hostel	3 KW	2018-19
Girls Hostel	3 KW	2018-19
Agri. Engg. College building	5 KW	2022-23
Agri. College (South block) building	250 KW	2023-24
h) Hostels		
Boys Hostel		
Ist block (Ground Floor + 2 Buildings)	3162.00 m^2 - 48 Rooms (138 members)	2006-07
2nd block (Ground Floor +1 Building)	2439.61 m^2 - 30 Rooms (90 members)	2018-19
Girls Hostel		
Ist block (Ground Floor + 1 Building) - 38 Rooms (114 members)	GF=846.67 m^2 FF=846.67 m^2	2006-07 2009-10
2nd block (Ground Floor + 2 Building) - 41 Rooms (123 members)	GF, FF =2158.00 m^2 SF=1100.00 m^2	2010-11 2015-16
New Hostel block (100 members) - 50 Rooms	2782.60 m^2	2021-22
i) Quarters (Hebbal)		
A type Quarters: 4 Nos.	219.76 m^2 each	2009-10
B type Quarters: 4 Nos.	155.87 m^2 each	2009-10
C type Quarters: 6 Nos.	115.00 m^2 each	2009-10
D type Quarters: 8 Nos.	363.40 m^2 each	2009-10
E type Quarters: 8 Nos.	145.31 m^2 each	2009-10
F type Quarters: 8 Nos.	138.42 m^2 each	2009-10
G type Quarters: 4 Nos.	101.50 m^2 each	2009-10
j) Farm Pond	4 No's of farm pond of 2.50 lakhs lit capacity	-
Vehicles		
Parking area	300 m^2	2005
Car	1 No.	-
Jeep/Car staff	1 No.	-
Bus	2 No.	-
Pickup van/Buggy	2 No.	-
Motor Bikes	1 No.	-
Minibus	1 No.	-
Tractors	2 No.	-



Administrative Building



Farm Office



Store Room



Auditorium



Piggery Unit



Dairy Unit



Silkworm Rearing unit



Trainees Hostel

6.6.7.2. IT Infrastructure

The University of Agricultural Sciences, Bangalore has established a robust IT infrastructure to effectively support its teaching, research, and extension activities. The system is managed by the Agricultural Knowledge Management Unit (AKMU) and is supported by an extensive fibre-optic network across the campus, ensuring reliable and high-speed connectivity for faculty, students, and researchers. To ensure secure digital operations, the university has deployed a Unified Threat Management system (Sophos XG 430 appliances) that provides advanced security features such as packet filtering, malware protection, intrusion detection and prevention, and application control. The university network infrastructure has been upgraded to Layer 3 (L3) technology to enhance LAN management. By replacing unmanaged switches with managed L2 switches, the university can now monitor traffic more effectively and quickly resolve technical issues. This integrated setup ensures a safe and efficient environment for academic collaboration, research activities, and secure data exchange. They also facilitate transferring cutting-edge agricultural technologies, enhanced farming methods, and government initiatives designed to support farmers

GKVK Campus: The GKVK campus LAN connects all academic divisions, administrative buildings, hostels, and student accommodations, enabling seamless communication and data sharing. A campus-wide Wi-Fi network supported by D-Link and Aruba access points provides reliable wireless connectivity across academic blocks and hostels. Major Wi-Fi infrastructure upgrades in 2022 and early 2024 improved internet coverage, especially in undergraduate and postgraduate hostels. The campus is connected to the 1 Gbps National Knowledge Network (NKN) with 120 Mbps internet bandwidth, enabling high-speed internet for research collaboration, video conferencing, and digital resource access. Core networking devices including switches, Sophos firewall, and a Juniper M10i router systems ensure secure and efficient connectivity throughout the campus.

Chintamani Campus: Chintamani campus has **campus-wide internet connectivity** covering all departments, computer labs, hostels, and library with Wi-Fi access. Internet bandwidth has been progressively upgraded 300 Mbps allowing assignments, research, presentations and lecture uploads. Hostels and library computers provide seamless internet access for students and staff.

Hassan Campus: Hassan campus has **campus-wide internet connectivity** covering all departments, computer labs, hostels, and library with Wi-Fi access. Internet bandwidth has been progressively upgraded 100 Mbps allowing assignments, research, presentations and lecture uploads. Further, hostels and library computers provide seamless internet access for students and staff.

Mandya Campus: Mandya campus has **campus-wide internet connectivity** covering Administrative Block with 100 Mbps lease line. Other all departments, computer labs, hostels, and library are connected with Wi-Fi access. Internet bandwidth has been progressively upgraded 50 Mbps allowing assignments, research, presentations and lecture uploads. Hostels and library computers provide seamless internet access for students and staff.

Chamarajanagara Campus: Chamarajanagara campus has **campus-wide internet connectivity** covering all departments, computer labs and library. It has broadband connectivity up to 300 mbps.

Internet Facilities with Bandwidth at Different Campuses

Sl.No.	Unit	Bandwidth
1	Head Office	1 Gbps
2	Dean Post Graduates studies	1 Gbps
3	College of Agriculture, UAS, GKVK, Bangalore	
	College and Dean's Office	1 Gbps
	Library	1 Gbps

Sl.No.	Unit	Bandwidth
	PhD Boys Hostel	1 Gbps
	PhD Girls Hostel	1 Gbps
	PG Boys Hostel	1 Gbps
	PG Girls Hostel: Block I	1 Gbps
	PG Girls Hostel: Block II	1 Gbps
	UG Boys Hostel: Block I	1 Gbps
	UG Boys Hostel: Block II	1 Gbps
	UG Boys Hostel: Block III	1 Gbps
	UG Girls Hostel: Block I	1 Gbps
	UG Girls Hostel: Block II	1 Gbps
	UG Girls Hostel: Block III	1 Gbps
	UG Girls Hostel: Block IV	1 Gbps
	UG Girls Hostel: Block V	1 Gbps
	International Students Hostel Block I	1 Gbps
	Institute of Agri-Business Management	1 Gbps
	Dept. of Sericulture	1 Gbps
	Staff Training Unit	1 Gbps
	ZARS	1 Gbps
	Dept. of Horticulture	1 Gbps
	AICRP on Dryland Agriculture	1 Gbps
	AICRP on Agro-Forestry	1 Gbps
	National Seed Project Unit (NSP)	1 Gbps
	Bio-Fuel	1 Gbps
	Organic Building	1 Gbps
	Plant Bio-Technology	1 Gbps
	Dept. of Economics	1 Gbps
	Communication centre	1 Gbps
	Farmers Training Institute	1 Gbps
	CoE Watershed	1 Gbps
	Botanical garden	1 Gbps
4	College of Agri. Engineering	1 Gbps
5	University Examination Centre	p2p network with 4Mbps
6	Krishi Vigyan Kendra, Hadonahalli, Bengaluru Rural Dist.	Broadband
7	Krishi Vigyan Kendra, Chandurayanahalli, Ramanagara Dist.	Broadband
8	College of Sericulture	Lease Line 300Mbps
9	Agricultural Research Station, Chintamani	Broadband
10	Krishi Vigyan Kendra, Chintamani	Broadband
11	Agricultural Research Station, Balajigapade	Broadband

Sl.No.	Unit	Bandwidth
12	Agricultural Research Station, Nelamakanahalli	Broadband
13	Agricultural Research Station, Kunigal	Broadband
14	Agricultural Research Station, Pavagada	Broadband
15	Krishi Vigyan Kendra, Konehalli, Tiptur	Broadband
16	Administrative Block, UAS Mandya	Lease Line 100Mbps
17	College of Agriculture, VC Farm, Mandya	Lease Line 50Mbps
18	Krishi Vigyan Kendra, VC Farm, Mandya	Lease Line 50Mbps
19	Zonal Agricultural Research Station, VC Farm, Mandya	Lease Line 50Mbps
20	College of Agriculture, Hassan	Lease Line 100Mbps
21	Agricultural Research Station, Arasikere, Hassan	Broadband
22	Agricultural Research Station, Gunjevu, Hassan	Broadband
23	Agricultural Research Station, Madenur, Hassan	Broadband
24	Krishi Vigyan Kendra, Kandali, Hassan	Broadband
25	College of Agriculture, Chamarajanagara	Broadband
26	Krishi Vigyan Kendra, Haradanahalli, Chamarajanagara Dist.	Broadband
27	Extension Education Unit, Naganahalli, Mysuru	Broadband

University Examination Center (UEC)

The **UEC** of the University of Agricultural Sciences, Bangalore (UASB) is the central authority responsible for conducting common examinations across the university's constituent colleges

- **Responsibility**: Conducting centralized common examinations and undergraduate academic management for all constituent colleges.
- **Constituent Colleges Covered**:
  - College of Agriculture, GKVK, Bengaluru
  - College of Agriculture, Mandya
  - College of Agriculture, Hassan
  - College of Sericulture, Chintamani
  - College of Agriculture, Chamarajanagara

Facilities and Features

- Technology: Uses the UGAM app for paperless semester registration and online fee payments.
- Security: Equipped with CCTV cameras to prevent malpractice and uses bar coding for accurate result processing.
- Other Centers: The External Examination Cell at the Mandya campus also conducts final external examinations and KCET practical exams for the agriculture quota.

UGAM app

The Undergraduate Academic Management (UGAM) app is an innovative software tool developed by the UASB to digitize and manage the entire academic lifecycle of students, from admission to graduation.

Key Features for Students

- **Paperless Semester Registration**: Facilitates digital registration for each semester, eliminating physical paperwork.

- **Online Fee Payment**: Students and parents can pay all university fees (admission, exam, etc.) 24/7 via debit card, credit card, or net banking through a secure gateway provided by HDFC Bank.
- **Profile Management**: Allows students to update their personal profiles and academic information at any time.
- **Academic Tracking**: Integration with a course indexing system to track examination events for all UG degree programs.
- **Digital Evaluation & Results**: Supports decentralized digital evaluation, enabling faster result announcements that can be viewed by both students and parents on the web.

App Availability & Access

- **Platforms**: Available on the Google Play Store for Android devices.
- **Expanded Scope**: While originally for undergraduates, the system has been upgraded to support Postgraduate (PG) programs as well.

CCTV Surveillance

CCTV surveillance at the University of Agricultural Sciences, Bangalore (UASB) is a key part of its security and academic infrastructure, focused on campus safety, resource protection, and examination integrity. The University Examination Centre (UEC) uses high-definition CCTV in all exam halls to prevent malpractice, ensure discipline, and facilitate simultaneous, transparent exams across all five constituent colleges. Libraries at the GKVK campus and other constituent colleges like Mandya are equipped with CCTV for security monitoring of all sections and tracking user movement. CCTV is installed in all classrooms, corridors, and seminar halls to monitor teaching quality and maintain campus-wide safety.

CCTV at Examination Halls: The University Examination Centre has installed CCTV cameras in all examination halls as a "Major Examination Reform" to prevent malpractice.

- Purpose: Monitoring ensures examinations are conducted on time, maintains strict discipline among students and invigilators, and supports a transparent evaluation process.
- Centralization: The system allows for simultaneous conduct of examinations across all five constituent colleges with uniform security standards.
- Digital Evaluation: Complementary to CCTV, the university uses a Digital Evaluation Hall equipped with biometric devices and bar-coding for secure processing of answer scripts.

CCTV at University Libraries: Libraries across UASB campuses, including the main GKVK library and constituent college libraries like Mandya and Chintamani, are well-equipped with surveillance systems.

- Security Monitoring: Cameras are used for effective monitoring of every section and tracking the movement of users for general security reasons.
- Resource Protection: The surveillance helps protect the library's vast collection, which includes over 23,250 books at the main campus and specialized Text Book Banks.
- Integrated Tech: CCTV operates alongside other advanced technologies like RFID (Radio Frequency Identification) for asset management and stock

Campus Locations with Surveillance

Location	Surveillance Type	Key Focus
Exam Halls (All Campuses)	High-Definition CCTV	Malpractice prevention and uniform discipline
GKVK, Main Library	Full Section Monitoring	Security and user movement tracking
CoA, Mandya Library	Surveillance Network	Security for reading halls and e-resource centers

Location	Surveillance Type	Key Focus
CoS, Chintamani Library	CCTV + RFID	Combined digital and physical monitoring of resources

CCTV Surveillance at Hostels: CCTV surveillance in hostels is integrated into a broader security network designed to ensure student safety and institutional accountability. Surveillance is active across both Boys and Girls hostels at major campuses including GKVK, Mandya, Hassan, Chintamani, and Chamarajanagara. The surveillance system is strategically deployed to balance safety with privacy:

- **Coverage Areas**: Cameras are primarily installed at entry and exit points, corridors, and common areas such as TV halls and lobbies to monitor movement.
- **Privacy Protections**: In alignment with standard university privacy policies, cameras are strictly prohibited inside private living quarters, restrooms, or changing areas to respect student privacy.
- **Safety for Female Students**: Enhanced monitoring at Ladies Hostels is a priority, featuring high-walled compounds and 24/7 CCTV to meet NAAC and ICAR safety standards.
- **Prevention of Misconduct**: The system helps deter unauthorized entries, illegal occupancy by non-residents, and activities like ragging.
- **Emergency Response**: Live feeds are monitored by trained security personnel and overseen by the Chief Warden to enable rapid response to incidents.

  Monitoring and Governance
- **Access Control**: Footage is generally stored on secure local servers. Access is restricted to authorized officials, such as the Estate and Security Officer or Chief Wardens, and is only reviewed for legitimate investigative or safety purposes.

CCTV at Classrooms: CCTV surveillance is installed in classrooms across all campuses of the University of Agricultural Sciences, Bangalore (UASB) to monitor teaching-learning processes and ensure a disciplined academic environment. This system was originally introduced in 2011–12 as part of a broader push for campus security and academic monitoring.

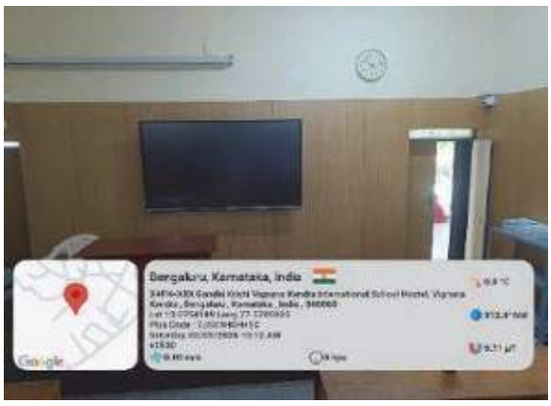
- Monitoring Teaching Quality: CCTV in classrooms allows administrators to observe teaching methodologies and ensure educational standards are maintained consistently across campuses.
- Student Discipline: The presence of cameras acts as a deterrent for disruptive behavior, bullying, and unauthorized activities within the learning space.
- Attendance Tracking: Some departments use the surveillance system to verify student attendance and track general movement within academic blocks.
- Safety Assurance: The system provides a visual record that helps investigate incidents of harassment or physical abuse, protecting both students and faculty members



CCTV installed at Hostel Entrance



CCTV at Hostel Corridor



CCTV installed at Classroom



CCTV at Classroom Corridor



CCTV at Examination Hall



CCTV installed at Classroom



CCTV at Library Entrance



CCTV installed Inside library



CCTV at Library Book issue counter



CCTV installed Inside library

6.6.7.3. Students and Staff Amenities

GKVK Campus

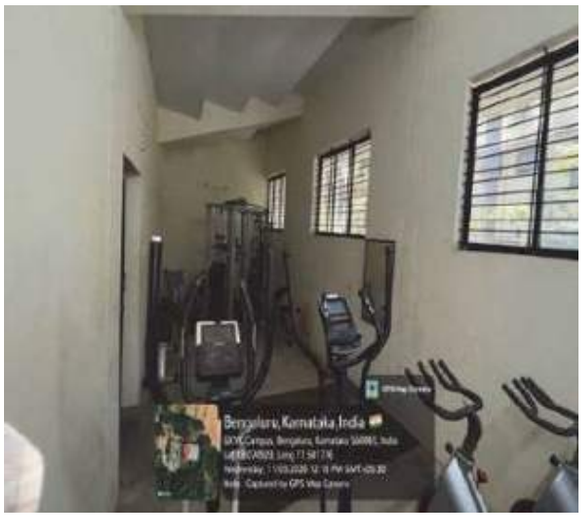
- ✓ Sporting and Recreational Activities: The campus has extensive indoor and outdoor sports facilities to promote physical fitness and recreation among students and staff. Facilities include athletics track and field, football and cricket grounds, basketball and volleyball courts, badminton courts, kabaddi and kho-kho courts, and table-tennis facilities. Indoor sports complexes, gymnasiums, multi-gym facilities, and open gyms are available in hostels for regular exercise. Yoga and other fitness activities are also conducted on campus.
- ✓ Cultural and Entertainment Avenues: The campus encourages cultural engagement through student clubs and regular events. Cultural programmes, music concerts, dance performances, and festivals such as the **GKVK Kannada Thingala Habba, Campus Day etc.,** are organized periodically, providing opportunities for artistic expression and community interaction. The campus also has large auditoriums and convention centres for seminars, cultural events, and entertainment programmes.
- ✓ Employment and Career Guidance: The Campus has a dedicated **Placement and Counselling Cell** that offers career guidance, training, and campus recruitment opportunities. The cell facilitates internships, industry interaction, and placement of graduates in agricultural industries, agri-business firms, banks, and research organizations.
- ✓ Financial and Banking Services: Campus has a branch of Post office and Canara bank. The campus shopping complex and service facilities support students and staff with banking, payment, and other financial services. These facilities help meet daily financial needs conveniently within the campus environment.
- ✓ Food Services: Well-maintained 2 canteens and 3 cafeterias operate within the campus shopping complex and hostel premises, providing hygienic and affordable meals to students and staff. Food quality, pricing, and service are regularly monitored by a university canteen committee.
- ✓ Hostel and Recreation Facilities: Campus has Faculty club and Gym facilities. Separate hostels for boys and girls with adequate accommodation facilities are established in the campus. The hostels are equipped with essential amenities such as mess and dining halls, saloon, laundry facilities, purified drinking water, reading rooms, Wi-Fi connectivity, common rooms with television, indoor games, and study facilities to support students' academic and residential needs.
- ✓ Transportation: **Campus operates buses for staff and students** connecting the GKVK campus with different university units. In addition to university buses, **Bangalore Municipal Transportation Corporation city buses regularly** link the campus with major city locations. The campus also uses 3 **battery-operated electric buggies** for internal mobility of staff, students, **visitors, senior officials, and guests regularly** within the large GKVK campus
- ✓ Health Facilities: The campus has a university **Dispensary** with 2 medical officers providing round-the-clock services for students, staff, and their families. Ambulance, basic medical treatment and emergency care are available, with referrals to specialized hospitals when required



Indoor games hall



Sports Stadium





Indoor gyms



Table Tennis



Training poles





Cricket ground



400 m Athletic track



Basketball court



Volleyball court



Kho-kho field



Football ground



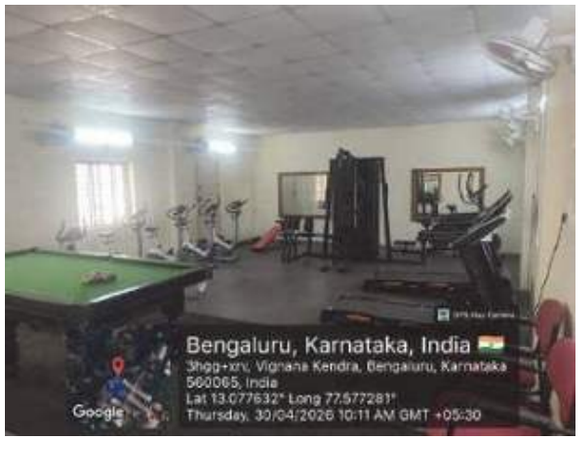
Indoor Sports Complex



Swimming Pool



Indoor Kabbadi Court





Faculty Gym/ Carrom



Tailor



Study Lounge



Courier Facilities



Xerox Facilities



UAS Canteeen - 1



UAS Canteeen - 2



Millet store



General store



Juice Centre



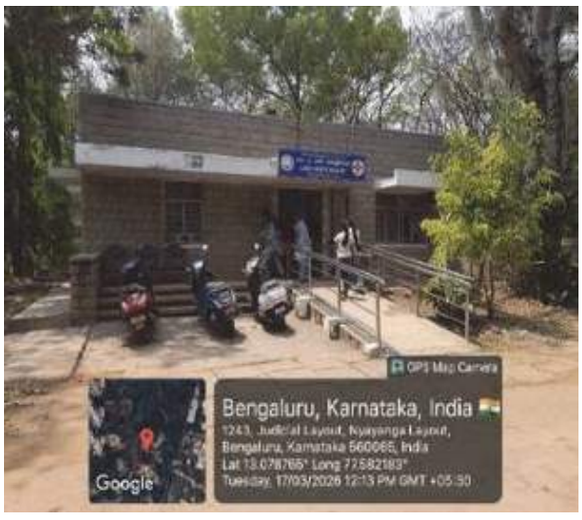
Dharmasthala Siri Gramodyoga Retail Cloth Unit



Nandini Outlet



Compter Service Centre



Dispensary



Ambulance



Canara Bank



Post Office



Buggies



BMTC Bus Facility

Chintamani Campus

- ✓ Sporting and Recreational Activities: The campus has well maintained sports infrastructure and multipurpose playground spread over 2.5 ha encouraging students and staff to participate in physical and recreational activities. Facilities include a **multipurpose playground** used for athletics, cricket, and football, **two basketball courts (one with floodlights)**, cricket practice nets, volleyball, kabaddi and kho-kho courts. Indoor games such as **table tennis, chess, and carrom** are available in the hostels and academic blocks. In addition, **open gym and indoor gym facilities** are provided for maintaining physical fitness.
- ✓ Cultural and Entertainment Avenues: The campus promotes cultural and literary activities through student clubs and events. It has a **modern auditorium, multipurpose hall, and open-air theatre** where cultural programmes, youth festivals, seminars, workshops, and other academic events are organized. Musical instruments and cultural equipment are available for students to practice and participate in university cultural competitions.
- ✓ Employment and Career Advice: Career guidance and placement activities are coordinated through the University Placement Cell under the Dean (Student Welfare). The cell organizes career counselling programmes, industry interactions, and placement drives to help students obtain employment opportunities in agri-business companies, banks, seed industries, fertilizer companies, and research organizations. Job notifications and information on employment opportunities are also circulated regularly to students.
- ✓ Financial and Banking Services: Basic financial services such as banking and ATM facilities are available within the university campus to meet the financial requirements of students and staff conveniently. These services support daily transactions and financial management for campus residents.
- ✓ Food Services: Cafeteria and separate **boys' and girls'** hostel cafeteria facilities are available within the campus providing **hygienic and affordable food** for students, staff, and visitors. Cafeteria is being managed by the boy's hostel ensuring quality food and efficient service and accrued profits from the cafeteria is being shared to the boarders of the hostel.
- ✓ Hostel and Recreation Facilities: Separate **boys' and girls' hostels** provide accommodation along with common rooms, solar lighting & water heaters, television facilities, internet access, reading rooms, music rooms, and indoor game facilities. These amenities contribute to a comfortable residential environment for students.
- ✓ Transportation: Campus bus and Battery-operated Electric buggi is available for **internal campus mobility of** officials, guests, and students across the academic blocks, hostels, and farm units spread over the campus.
- ✓ Health Facilities: campus has a **health care facility / medical room** where basic medical assistance and first-aid services are provided to students and staff. Medical camps, awareness campaigns, and routine health examinations are arranged to encourage students' and workers' well-being and preventive health care.



400 m athletic track



Basketball court



Volleyball court



Kho-Kho field



Football court



Kabbadi Court



Boys hostel



Girls hostel Block-1



Girls hostel block-2



Dispensary



Table tennis at girls hostel



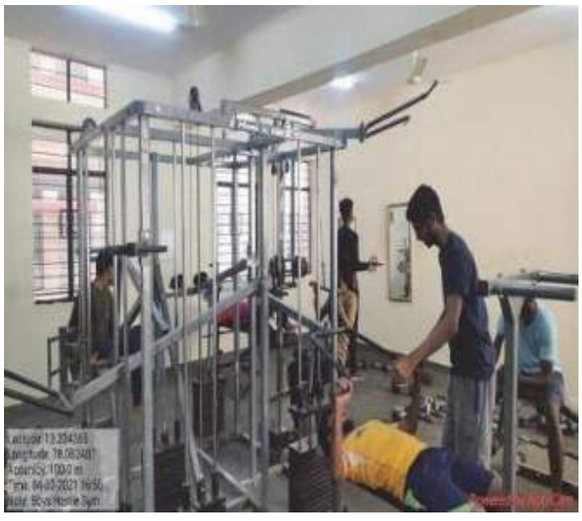
Table tennis at boys hostel



Open Gym



Gym - Girls hostel



Gym – Boys hostel



Faculty house



Solar water heaters in boys & girls hostel



Basketball court -2



Auditorium



Seating at auditorium



Guest house



Guest room



Open theatre



Electric buggi

Mandya Campus

- ✓ Sporting and Recreational Activities: The Mandya campus has well-developed outdoor sports facilities including basketball court (420 m²), cricket practice net (61 m²), kabaddi court (130 m²), volleyball court (198 m²), throw ball court (223 m²), football ground (7040 m²), ball badminton court (288 m²), kho-kho court (432 m²), and a 400-metre athletic track. An indoor sports complex with chess and table tennis facilities is also available, along with outdoor gymnasiums in both boys' and girls' hostels.
- ✓ Cultural and Entertainment Avenues: Cultural activities are actively promoted through the student group "Natana," which performs during major events such as annual day, send-off functions, and inter-campus cultural fests, providing vibrant entertainment avenues on campus.
- ✓ Financial Services: Bank is located in the campus. Financial advisory services are available for students, along with access to banking facilities to support their financial needs
- ✓ Food Services: Canteen facilities are available on campus and are managed by the Boys' Hostel Management Committee, providing food and refreshments for students, staff, and visitors.
- ✓ Hostel and Recreation Facilities: Separate hostel facilities for boys and girls are available, with additional recreational support such as outdoor gymnasiums to promote student well-being.
- ✓ Transportation: Bus facilities are available to ensure connectivity for students and staff within and outside the campus.
- ✓ Health Facilities: Basic health support services in Dispensary are available on campus.



Bank building



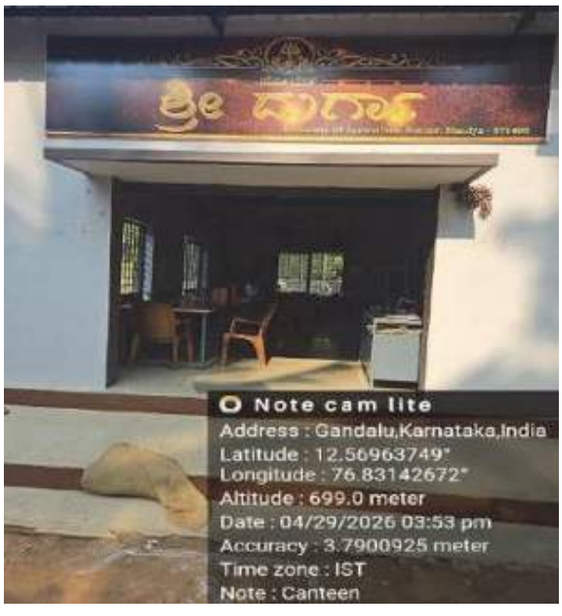
Dispensary



Audio Visual Hall



Auditorium



Canteen



Shop



Guest House



Playground



Football Ground



Basketball court



Kaveri Girls Hostel



Kuvempu Boys Hostel



Ammani Girls Hostel



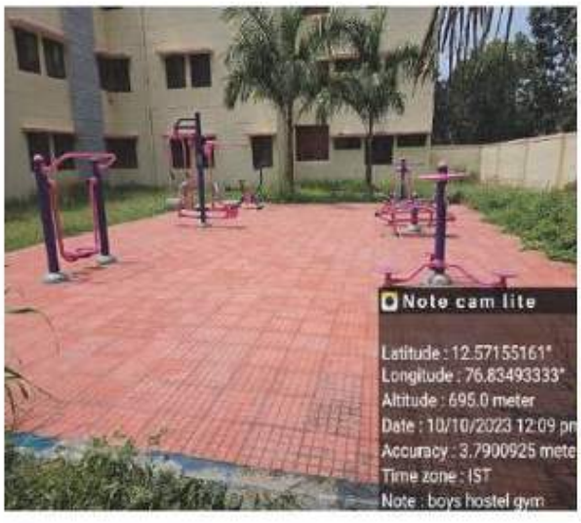
Negilayogi Boys Hostel



Rooftop Solar Unit



Solar Water heaters in Hostels



Outdoor Gym-Boys Hostel



Outdoor Gym-Girls Hostel

Hassan Campus

- ✓ Sporting and Recreational Activities: The Hassan campus has well-established outdoor sports facilities including a 400 m athletic track and courts for ball badminton, basketball, cricket, football, kabaddi, kho-kho, throw ball, and volleyball for both students and staff. Indoor sports facilities include badminton, chess, and table tennis, along with a well-equipped indoor gymnasium featuring a multi gym, cross trainer, treadmill, and cycling units. Additional recreational facilities such as outdoor gymnasiums are available in both boys' and girls' hostels, and faculty lounge amenities include indoor games like football table, carom board, and chessboard.
- ✓ Cultural and Entertainment Avenues: A well-equipped auditorium with good acoustics and AV aids, is regularly used for cultural activities. Cultural group "Hoysala Kala Tanda" actively participates in major university events, enhancing entertainment and cultural engagement.
- ✓ Food Services: Food services are provided through the guest house kitchen, catering to visitors, guests, and faculty members
- ✓ Hostel and Recreation Facilities: Separate hostel facilities for boys and girls are available, supported by outdoor gymnasiums and indoor recreational infrastructure to promote student well-being
- ✓ Transportation: Bus facilities are available to facilitate movement of students and staff
- ✓ Health Facilities: Basic health support services are available on campus



Indoor Games Hall



Dispensary



Basket Ball Court



Pavilion Block



Bahubali Boys Hostel



Nethravathi Girls Hostel



Indoor Gym



Outdoor Gym



Hemavathi Girls Hostel



Library



Indoor Game Hall



Gym facilities at the girls' hostel



Hoysala Boys Hostel



Shops



Guest House



Canteen

6.6.8. Financial Resource Management

6.6.8.1. Budget Allocation

UASB received annual budget allocations covering the University Headquarters and constituent colleges, including GKVK, Mandya, Hassan, Chintamani, Chamarajanagara, Mayasandra and Adichunchanagiri. The budget allocation for the year 2021-22: Rs. 27832.73 lakhs, 2022-23 Rs.28846.48 lakhs, 2023-24: Rs.30531.27 lakhs, 2024-25: Rs.28395.01 lakhs, and 2025-26: Rs.26457.96 lakhs are made on the basis of sanction of grants by the State Government and internal receipts of University.

Overall, the University maintained substantial financial allocations each year to support salary expenditure, operational contingency needs, and developmental activities across its campuses.

- ✓ Education: By Supporting education programs, co-curricular activities, RAWE Programme, cross learning and strengthening of infrastructure.
- ✓ Research: By strengthening specific research in different research stations, development of varieties and value.
- ✓ Extension: By conducting Farmers Training Programmes and village adoption programme.

Budget allocation (In Lakhs Rupees) to the constituent Colleges and the University Headquarters during 2021-22 to 2025-26

Sl. No.	Campus / University HQ	Budget Allocation	2021-22	2022-23	2023-24	2024-25	2025-26 (p)
1	College of Agriculture, GKVK	Salary	5029.05	5281.51	5406.71	5955.58	5909.76
		Contingency	678.18	583.62	740.32	373.94	441.69
		Amount received through ICAR developmental grants	67.00	49.50	61.28	55.79	175.37
2	College of Agriculture, Mandya	Salary	847.59	977.37	990.94	1051.88	913.83
		Contingency	809.38	458.75	345.10	268.69	292.78
		Amount received through ICAR developmental grants	39.50	6.50	14.86	13.24	15.20
3	College of Agriculture, Hassan	Salary	1265.32	1150.44	1187.10	1224.78	1011.41
		Contingency	748.81	498.44	500.97	440.93	201.58
		Amount received through ICAR developmental grants	38.00	6.50	23.08	22.80	26.76
4	College of Agriculture, Chamarajanagara	Contingency	201.34	173.55	184.87	168.10	90.20
5		Salary	725.63	742.16	876.84	883.16	919.55
		Contingency	337.43	281.59	251.18	478.53	312.13

	College of Sericulture, Chintamani	Amount received through ICAR developmental grants	26.50	5.50	3.06	3.63	54.62
6	Adichunchanagiri COAS, Mayasandra	Contingency	-	-	-	-	7.39
7	University head quarters	Salary	7719.30	6556.00	9088.45	6790.78	6857.87
		Contingency	9249.84	12029.18	10838.70	10265.87	9168.72
		Amount received through ICAR developmental grants	49.86	45.87	17.81	397.31	59.10
		Total	**27832.73**	**28846.48**	**30531.27**	**28395.01**	**26457.96**

(p): Provisional

Note: The sufficiency of the fund to meet the academic requirement during last five years

The University of Agricultural Sciences, Bangalore requires additional financial support to further strengthen its academic, research, and extension programmes. Although existing funds from the Government of Karnataka, competitive grants from agencies such as the Indian Council of Agricultural Research, DBT, DST, SERB and Rastriya Krishi Vikas Yojana support core activities and foundations like Infosys, additional resources are necessary to meet emerging academic and research needs.

The following areas require enhanced funding to enable the university to upgrade infrastructure, strengthen research capacity, improve student training, and expand outreach activities, thereby contributing more effectively to agricultural development and farmer welfare:

1. Strengthening Teaching Infrastructure: Upgradation of smart classrooms, laboratories, library resources, and digital learning facilities to support modern agricultural education.
2. Research and Innovation Support: Establishment of advanced research laboratories, procurement of modern analytical instruments, support for multidisciplinary research, and development of climate-resilient crop technologies.
3. Student Development and Training: Increased funding for RAWE programmes, experiential learning, hands-on training, educational tours, internships, and merit scholarships to enhance practical exposure and skill development.
4. Farm and Field Research Facilities: Modernization of research farms, irrigation systems, protected cultivation structures, and field experimentation facilities across research stations.
5. Extension and Outreach Activities: Strengthening farmer training programmes, demonstrations, ICT-based extension services, technology dissemination, and capacity-building programmes for farmers and rural youth.
6. Hostel and Student Welfare Facilities: Improvement of hostel infrastructure, recreational facilities, health services, and student support systems.
7. Digital Agriculture and Emerging Technologies: Development of facilities for precision agriculture, artificial intelligence applications, remote sensing, GIS, and data-driven agriculture research.

6.6.8.2 Finance Committee

The Finance Committee scrutinizes the budget estimates, financial proposals, and expenditure statements and makes recommendations to the Board of Management, which is the highest decision-making body for approving financial policies and major sanctions. This statutory mechanism ensures proper financial control, timely approvals, and effective utilization of funds for teaching, research,

extension, and infrastructure development activities of the university. As per the statutes of University of Agricultural Sciences Bangalore, financial sanctions and approvals are exercised through a structured and decentralized system of delegated powers to ensure transparency, accountability, and efficient financial management. The Vice-Chancellor is the principal executive authority and is empowered to sanction major expenditures within the limits prescribed by the statutes. Financial powers are further delegated to officers such as the Registrar, Directors of Education, Research and Extension, Deans of Colleges, and Heads of Departments/Units, enabling them to sanction expenditures for academic, research, and extension activities within specified financial limits.

According to the Universities of Agricultural Sciences Act, the Finance Committee of University of Agricultural Sciences Bangalore is constituted by the Board and consists of the following members:

1. Vice-Chancellor – Chairperson
2. Principal Secretary to Government, Finance Department, Government of Karnataka, or his/her nominee (not below the rank of Deputy Secretary) – Member
3. Principal Secretary / Secretary to Government, Agriculture Department, Government of Karnataka, or his/her nominee (not below the rank of Deputy Secretary) – Member
4. One Member of the Board of Management nominated by the Vice-Chancellor – Member
5. Registrar of the University – Member
6. Comptroller of the University – Member Secretary

Functions of the Finance Committee: As per the Act, the committee is responsible for:

- Examining annual accounts and budget estimates of the university.
- Reviewing the financial position of the university periodically.
- Making recommendations to the Board of Management on financial matters.
- Suggesting economic measures and curbing wasteful expenditure.
- Recommending cost-recovery mechanisms for research and teaching activities.

The Finance Committee records over the years show a steady progression in both the number of meetings and proposals approved, reflecting the expanding developmental activities of the University. From **2021 to 2026**, a total of **95 proposals** were approved across **22 Finance Committee meetings (147th to 168th meetings)**. In **2021**, **4 meetings (147th–150th)** were held, during which **19 proposals** were considered and largely approved, focusing on infrastructure such as buildings, laboratories, hostels, and major institutional facilities. In **2022**, the activity increased with **5 meetings (151st–155th)** and **27 proposals approved**, mainly related to incubation facilities, construction works, equipment procurement, and campus development, all of which received financial sanction or ratification. In **2023**, **3 meetings (156th–158th)** were conducted with **6 proposals approved**, primarily dealing with budget allocation, maintenance, and specific infrastructure upgrades. In **2024**, **3 meetings (159th–161st)** resulted in **10 approved proposals**, covering construction works, transport facilities, and major event arrangements like Krishimela, with all actions supported by budget allocation. In **2025**, there was a notable rise with **5 meetings (162nd–166th)** and **20 proposals approved**, emphasizing research infrastructure, seed storage facilities, renovation works, and new developmental schemes. During **2026 (up to March)**, **2 meetings (167th–168th)** have been conducted, with **13 proposals approved**, mainly focusing on advanced research infrastructure, digital learning systems, and welfare-oriented projects under SCSP and other schemes.

Finance committee meetings and recommendations with action taken report

Sl. No.	Year	Dates of meeting	Major Recommendations	Major Action Taken
1.	2021	147th Finance Committee Meeting dated 21.01.2021	Proposal for sanction of ₹59.99 lakhs towards purchase of gunny bags, seeds transportation, seed treatment /processing and seed packing etc., under ICAR mega seed project accrued	University Order was issued vide C/S-8/Schemes/ Ratification order/BoM/2020-21. Dated: 02-03-2021.

			revolving fund vide ABAC-9372/6824.	
2.			Request to consider and to approve the proposal for providing AMC for Dr. Babu Rajendra Prasad convention centre at GKVK for ₹ 66.00 lakhs vide ABAC -6654/880.	University Order was issued vide order No. B&R Section/2020-21. Dated: 26-02-2021.
3.			Request to consider and to approve the proposal for providing chain link fencing to boundary at College of Agriculture, Chamarajanagar for ₹ .79.00 lakhs vide ABA – 6180/888.	University Order was issued vide order No. B&R Section/2020-21. Dated: 26-02-2021.
4.			Request to consider and to approve the proposal for construction of compound wall at College of Agriculture, Chamarajanagar for ₹78.00 lakhs vide ABAC – 6180/880.	University Order was issued vide order No. B&R Section/2020-21. Dated: 26-02-2021.
5.			Request to consider and to approve the proposal for construction of audio-visual laboratory building at College of Agriculture, Chamarajanagar for ₹ .88.00 lakhs vide ABAC-6180/880.	University Order was issued vide order No. B&R Section/2020-21. Dated: 26-02-2021.
6.			Request to consider and to approve the proposal for construction of Girls Hostel for 125 students and library building at College of Agriculture, Chamarajanagar for ₹ 1000.00.	University Order was issued vide order No. B&R Section/2020-21. Dated: 26-02-2021.
7.			Request to consider and to approve the proposal for construction of administrative building with class room and laboratory at College of Agriculture, Chamarajanagar for ₹ 1500.00 lakhs.	University Order was issued vide order No. B&R Section/2020-21. Dated: 26-02-2021.
8.			Request to consider and to approve the proposal for construction of (first floor) HAL-UAS advanced centre for bio-energy research at GKVK for ₹110.00 lakhs vide ABAC – 5374/880.	University Order was issued vide order No. C/S-8/Schemes/BoM-5374/2020-21. Dated: 01-02-2021.
9.			Request to consider and to approve the proposal for construction of first floor over existing Samethi building at UAS, GKVK, for ₹100.00 lakhs vide ABAC 6092/880.	University Order was issued vide order No. B&R Section/2020-21. Dated: 26-02-2021.
10.			Request to consider and to approve the proposal for modification and extension of organic farming building (SF) for agri. innovation centre start-up at UAS, GKVK for ₹.145.00 lakhs vide ABAC 6092/880.	University Order was issued vide order No. B&R Section/2020-21. Dated: 26-02-2021.
11.			Request to consider and to approve the proposal for construction of swimming pool complex at University of	University Order was issued vide order No. B&R

			Agriculture Sciences, GKVK Campus, Bangalore for ₹ 350.00 lakhs vide ABAC 6357	Section/2020-21. Dated: 26-02-2021.
12.		148th Finance Committee Meeting dated 16.04.2021	Regarding the financial approval of ₹ 1,28,40,000 for the purchase of laptops for a total of 321 undergraduate and postgraduate students belonging to the Scheduled Castes and Scheduled Tribes who have taken admission in the UASB in the years 2019-20 and 2020-21 under the Special Unit Scheme and Tribal Sub-Scheme for the year 2020-21 under Account Head No.- 6588, 6589, 6590, 6591, Sub-Account Head No.-714.	University order was issued vide Order No. C/S-8/Schemes/BoM/2021-22 Dated: 08-06-2021.
13.		149th Finance Committee Meeting dated 26.08.2021	Request to consider and to approve the proposal for construction of food processing unit at Agriculture College, Karekere, Hassan for ₹ 70.00 lakhs under ODOP (One District One Product) Programme of GOI	Allocation of Budget is accorded vide office order A and No. Section-3/C5-6360/ 2021-22 dated 17.06.2021
14.			Request to consider and to approve the proposal for Construction of Bakery Training Unit at UAS, GKVK for 350.00 lakhs vide ABAC 6092/880	Action is initiated for allocation of grants.
15.			Request to consider and to approve the proposal for construction of first floor over Skill Development Centre at UAS, GKVK, for ₹ 145.00 lakhs.	The Finance Committee after detailed deliberation decided to defer the item
16.			Request to consider and to approve the proposal for providing vinyl / carpet flooring with furnishing for seating arrangement and Audio system to Auditorium at Agriculture College, VC Farm, Mandya for ₹ 77.00 lakhs.	Allocation of Budget is accorded vide office order No. A and No. Section-3/C5-6387/2021-22 dated 10.08.2021. Further process is kept pending till the approval of the Board of Management
17.			Request to consider and to approve the proposal for providing vinyl / carpet flooring with furnishing for seating arrangement and Audio system to Auditorium at Sericulture College, Chintamani for ₹ 77.00 lakhs.	Allocation of Budget is accorded vide office order No. A and No. Section-3/C5-6387/ 2021-22 Dated 10.08.2021. Further process is kept pending till the approval of the Board of Management
18.			Request to consider and to approve the proposal for construction of guest house at ARS, Gunjevu for ₹175.00 lakhs.	Allocation of Budget is accorded vide office order No. A and No. Section-3/C5-6508/63/2021-22 Dated 18.08.2021
19.		150th Finance	Request to consider and to approve the proposal for construction of food	University is accorded vide order No. EO/W/147/2021-

		Committee Meeting dated 20.09.2021	processing unit at Agriculture College, Karekere, Hassan for 120.00 lakhs under ODOP (one district one product) programme of GOI. Vide ABAC 6360/880 & 8144/880	22 Dated: 20.11.2021. & vide office order No: Aa and No. Section-3/C5-6360/2021-22 dated 17.06.2021
20.	2022	151st Finance Committee Meeting dated 11.01.2022	Proposal for sanction of Rs.123.50 lakhs towards purchase of equipment under GOI project on "Establishment of Common Incubation Facility for Processing of Tomato and other fruits and vegetables at Krishi Vigyan Kendra, Kurubur Farm, Chintamani, Chikkaballapur Dist." Vide ABAC 8141/702.	Ratification of the Board is conveyed vide office order No. C / S-8 / Schemes/Ratification order/ BoM/2021-22 Dated: 18.02.2022.
21.			Proposal for sanction of Rs.78.80 lakhs towards purchase of equipment (Machineries required for processing) under GOI project on "Establishment of Common Incubation Facility for Processing of Turmeric at Krishi Vigyan Kendra, Haradanahalli, Chamarajanagar Dist." Vide ABAC 8142/702.	Ratification of the Board is conveyed vide office order No. C / S-8 / Schemes/Ratification order/ BoM/2021-22 Dated: 18.02.2022
22.			Proposal for sanction of Rs.189.00 lakhs towards purchase of equipment {Desiccated Coconut Powder line, Virgin Coconut oil (VCO):2000 Coconut, Coconut Milk and Coconut Milk Powder Line} under GOI project on "Establishment of Common Incubation Facility for Processing of Coconut at Krishi Vigyan Kendra, Chandurayanahalli, Magadi, Ramanagar Dist." Vide ABAC 8143/702.	Ratification of the Board is conveyed vide office order No. C / S-8 / Schemes/Ratification order/ BoM/2021-22 Dated: 18.02.2022
23.			Proposal for sanction of Rs.108.00 lakhs towards purchase of equipments under GOI project on "Establishment of Common Incubation Facility for Processing of Coconut and Ginger at College of Agriculture, Hassan." Vide ABAC 8144/702.	Ratification of the Board is conveyed vide office order No. C / S-8 / Schemes/Ratification order/ BoM/2021-22 Dated: 18.02.2022.
24.			Proposal for construction of first floor over Skill Development Centre at UAS, GKVK, for 145.00 lakhs.	Financial sanction is accorded vide office order No. C/B&R/C5-6086/2021-22 Dated: 14.02.2022.
25.			Proposal for construction of kabaddi court roof structure at UAS, GKVK for 100.00 lakhs	Financial sanction is accorded vide office order No. C/B&R/C5-6317/2021-22 Dated: 14.02.2022.

26.			Proposal for construction of 9th Block (SF) at Agriculture College, North Block at GKVK for 75.00 lakhs.	Financial sanction is accorded vide office order No. C/B&R/C5-6357/2021-22 Dated: 14.02.2022.
27.			Proposal for construction of girls Hostel at UAS, GKVK for 846.00 lakhs.	Financial sanction is accorded vide office order No. C/B&R/C5-6181/2021-22 Dated: 14.02.2022.
28.			Proposal for construction of 2nd Floor over Examination Hall with staircase room at College of Agriculture, VC Farm, Mandya for 130.00 lakhs.	Financial sanction is accorded vide office order No. C/B&R/C5-6387/2021-22 Dated: 14.02.2022.
29.			Proposal for construction of Dean Quarters at Agriculture College, Chamarajanagar for 61.34 lakhs.	Financial sanction is accorded vide office order No. C/B&R/C5-6180/109/2021-22 Dated: 18.12.2021.
30.			Proposal for construction of type C Quarters (4 Nos.) at Agriculture College, Chamarajanagar for 100.00 lakhs.	Financial sanction is accorded vide office order No. C/B&R/C5-6180/109/2021-22 Dated: 18.12.2021.
31.			Proposal for construction of type B Quarters (2 Nos.) at Agriculture College, Chamarajanagar for 70.40 lakhs.	Financial sanction is accorded vide office order No. C/B&R/C5-6180/109/2021-22 Dated: 18.12.2021.
32.			Proposal of revised estimate for construction of compound wall at College of Agriculture, Chamarajanagar for 91.27 lakhs Vide Ab A/c 6180/880	Financial sanction is accorded vide office order 1. No. C/B&R/C5-6180/43/2021-22 Dated: 12.08.2021. (Rs. 78.00 lakhs) 2. No. C/B&R/C5-6180/109/2021-22 Dated: 18.12.2021. (Rs. 13.26 lakhs)
33.		152nd Finance Committee Meeting dated 26.04.2022	Proposal to ratify the sanction accorded for Rs.25.50 lakhs towards scientific/lab equipment (cold room and tissue culture facility- instrument includes cryogenic container, bar coding, laminar air flow, gel rocker & ice maker) under GOI project on "Strengthening of the Agri. Innovation centre at UASB for agri. start-ups. vide ABAC 8135/708	Ratification of the Board is conveyed vide office order No. C / S-8/Schemes/8135/Ratification order / 2022-23 Dated: 24.05.2022.
34.			Proposal to ratify the sanction accorded for Rs.27.98 lakhs towards purchase of furniture for furnishing the lab (wood work with installations, purchase of	Ratification of the Board is conveyed vide office order No. C / S-8/ Schemes / 8135

			chairs, stools & almirahs, etc.) under GOI project on "strengthening of the agri. innovation centre at UASB for agri. start-ups." vide ABAC 8135/701.	/ Ratification order / 2022-23 Dated: 24.05.2022.
35.			Proposal to ratify the sanction accorded for Rs.25.00 lakhs towards purchase of equipment's – laminar air flow, weighing balance, autoclave, fermenter, shakers, mixing unit, sealer, PCR, deep freezer -20°C & small equipment's under ICAR funded project on "Experiential learning programme – mass production agent at UAS, Bangalore" vide ABAC 6959/702.	Ratification of the Board is conveyed vide office order No. C / S-8/Schemes/6959/Ratification order / 2022-23 Dated: 24.05.2022.
36.			Proposal for sanction of Rs.30.00 lakhs towards expansion of passenger lift to bio-nest AIC at GKVK campus. Vide ABAC 8135/888	Ratification of the Board is conveyed vide office order No. C / S-8/Schemes/8135/Ratification order / 2022-23 Dated: 30.05.2022.
37.		153rd Finance Committee Meeting dated 11.07.2022	Proposal to ratify sanction of Rs. 15.00 lakhs towards construction of mass production unit to department of plant pathology at agriculture college (SB), GKVK, vide ABAC 6959/889	Ratification of the Board is conveyed vide office order No. C / S-8/Schemes/Ratification order / 2022-23 Dated: 08.08.2022.
38.			Proposal for sanction of Rs. 50.00 lakhs towards annual maintenance contract (AMC) of electrical, air conditioning, fire hydrant, sound system, fixtures and other allied items in Dr. Babu Rajendra Prasad international convention centre at GKVK campus. vide ABAC 6654/891	The Financial Sanction is accorded vide office order No. C/S-III/C5-4/2022-23 Dated: 30.04.2022
39.			Proposal for sanction of Rs. 50.00 lakhs towards providing electrification, air conditioner system and audio video systems to the centre of excellence building at GKVK.	Ratification of the Board is conveyed vide office order No. C / S-8/Schemes/Ratification order / 2022-23 Dated: 08.08.2022.
40.			Proposal for sanction of Rs. 64.77 lakhs towards extension of dining hall to diploma boys hostel at College of Agriculture, VC Farm, Mandya.	The Financial Sanction is accorded vide office order No. C./B&R./C5- Estate Office/73/2022-23 Dated: 25.06.2022
41.			Proposal for sanction of Rs. 136.00 lakhs towards construction of PG class room cum laboratory at College of Agriculture, VC farm, Mandya	The Financial Sanction is accorded vide office order No. C./ B&R/C5-6182/2022-23 Dated: 27.08.2022.

42.		154th Finance Committee Meeting dated 10.10.2022	Request to consider and to approve the proposal for arranging exhibition stalls and other allied works for Krishimela from 3rd to 6th November 2022 (4 days) at GKVK campus for rs.95.00 lakhs	Tender has been called Tender Notification No. No. EO /STN/ 481/2022-23 dated 20.09.2022 and work order issued vide No. EO/DB/WO-70/2022-23 dated 20.10.2022 by the Estate Officer and work completed.
43.		155th Finance Committee Meeting dated 16.12.2022	Request to consider and to approve the proposal for establishment of honey testing lab and holistic entrepreneurial skilled development centre in bee keeping at Department of Apiculture, GKVK for 340.00 lakhs	Financial Sanction is accorded vide office order No. C / S-8/Schemes/Sanction order/ 2022-23 Dated: 31.03.2023
44.			Request to consider and approve the proposal for repairs and renovation of toilets at UG boys hostel 2nd block (9 units), GKVK for 50.00 lakhs.	Budget allocation is accorded vide office order No. C./B&R/C5-6092/2022-23 Dated: 27.01.2023.
45.			Request to consider and approve the proposal for roof repair to Agriculture College north block at GKVK for 67.00 lakhs.	Budget allocation is accorded vide office order No. C./B&R/C5-6092/2022-23 Dated: 27.01.2023.
46.			Request to consider and to approve the proposal for renovation of Horticulture building at GKVK for 60.00 lakhs.	Budget allocation is accorded vide office order No. C./B&R/C5-6092/2022-23 Dated: 27.01.2023.
47.	2023	156th Finance Committee Meeting dated 03.05.2023	Progress report, financial status of University of Agricultural Sciences, Bangalore, and revised budget allocation for the year 2022-23 & details of budget allocation for the year 2023-24.	Budget allocation is accorded vide office order No. C./S-III/C5-4/2023-24 Dated: 20.05.2023.
48.		157th Finance Committee Meeting dated 07.07.2023	Proposal for sanction of additional grants of Rs. 50.00 lakhs out of internal receipts towards the expenditure incurred for organizing Agri Unifest.	Allocation of additional grants was accorded vide office order No. C/B&R/C5-6069/2023-24 dated 28.08.2023
49.			Proposal for sanction of Rs. 74.00 lakhs towards construction of building for establishing advanced centre for skill development in mushroom production technologies at Department of Microbiology, GKVK Vide ABAC 10210/880	Ratification of the Board of Management is conveyed vide office order NO.C/S-8/ Schemes/Ratification order /2023-24 dated 01.09.2023
50.			Proposal for sanction of Rs. 74.00 lakhs towards providing systemized and centralized power supply unit to	Budget allocation is accorded vide office order

			GKVK campus by replacing the existing Out-dated SFU/TPST'S WITH MCCB'S/ ACB'S AND VCB'S at Substation of GKVK Campus	No. C /B&R/ C5-6092/ 2023-24 dated 28.08.2023
51.		158th Finance Committee Meeting dated 06.11.2023	Request to consider and to approve the proposal for providing annual maintenance contract (AMC) of electrical, air conditioning, fire hydrant, sound system, fixture and other allied items in Dr. Babu Rajendra Prasad International Convention Centre at GKVK campus for Rs. 50.00 lakhs vide ABAC no. 6654/891	Sanction is conveyed vide office order NO.C/B&R/C5-6654/ 2023-24 dated 09.01.2024
52.			Request to consider and to approve the proposal of revised estimate for construction of PG class room cum laboratory at College of Agriculture, VC Farm, Mandya for Rs. 146.00 lakhs. Vide ABAC no. 6182/880	Sanction is conveyed vide office order NO.C/B&R/C5-6182/2023-24 dated 09.01.2024
53.	2024	159th Finance Committee Meeting dated 06.03.2024	Proposal for ratification of sanction of Rs. 46,23,550/- towards purchase of chemicals for seed treatment/processing, seed packing and storage under ICAR mega seed project accrued revolving fund vide AB a/c no. 9372/6824.	Budget allocation is accorded vide office order No. C/S-6/L&A/2023-24 dated 30.03.2024
54.			Request to consider and to approve the proposal for construction of office of Director of Extension at GKVK campus, Bangalore for Rs. 768.00 lakhs.	Budget allocation is accorded vide office order NO.C/B&R/ C5-6052/2024-25 dated 08.11.2024.
55.			Request to consider and to approve the proposal for procurement of 2 nos. Ashok Leyland bus (57 seater) and 2 nos. Mini Ashok Leyland bus (34 seater) to UAS, GKVK. Bangalore for Rs. 148.00 lakhs.	Budget allocation is accorded vide office order NO.C/B&R/ C5-6096/2024-25 dated 20.06.2024
56.		160th Finance Committee Meeting dated 20.06.2024	Proposal to consider and to approve the estimate for construction of class rooms at Sericulture College, Chintamani for 250.00 lakhs.	Budget allocation is provided vide office order No. Aa and No. Section-3/ C5-6394 /11/ 2024-25 Date: 15.07.2024.
57.			Request to consider and to approve the proposal for procurement of 1 no. Bus 50 seater and 1 no. Bus prime 34 seater to college of Agriculture, Karekere, Hassan for 62.00 lakhs.	Budget allocation is provided vide office order No. C /B&R/C5-6360/ 2024-25 dated 24.07.2024
58.			Request to consider and to approve the proposal of revised estimate for construction of girls hostel at GKVK campus, Bangalore for 923.45 lakhs.	The Budget allocation of Rs. 846.00 lakhs were already made under AB./AC 6181/880and the difference

				amount Rs. 77.45 lakhs are provided out of Internal Receipt of University & under 6181/880 Budget allocation is conveyed vide office order No. C /B&R/C5-6181/ 2024-25 dated 24.07.2024
59.		161st Finance Committee Meeting dated 03.09.2024	Request to consider and to approve the proposal for arranging exhibition stalls and other allied works for Krishimela from 14th to 17th November 2024 (4 days) at UAS, GKVK campus on hire basis for rs.127.00 lakhs.	Proposed by Estate office (Estimate for arranging exhibition stalls and allied works for Krishimela from 14th to 17th November 2024 (4 days) at UAS, GKVK, on Hire Basis) Only Rs. 127.00 lakhs have been allowed to be spent on renting the infrastructure for Krishi Mela 2024. The said expenses will be met from the receipts received from the Krishi Mela stalls and from the sponsorship funds.
60.			Request to consider and to approve the proposal for repair of sanitary line and construction of manhole from boys hostel 1st block to Krishimela field at GKVK campus for 55.00 lakhs.	Budget allocation is provided vide office order No. C /B&R / C5-6092 / 2024-25 dated 04.10.2024
61.			Proposal for ratification of sanction accorded for Rs.70.50 lakhs towards purchase of items/gadgets for establishment of solar photovoltaic (PV) system & renewable energy system park under GOK (RKVY) project on "establishment of renewable energy park and its demonstration as a green energy initiative" vide ABAC 10220/702.	Sanction is conveyed vide office order No. C/S-8/Schemes/Sanction order/ 2024-25 dated 08.10.2024.
62.			Request to consider and to approve the proposal for revised estimate for construction of class rooms (2 nos.) At Agriculture College, Karekere, Hassan for 141.00 lakhs to 159.36 lakhs (18.36 lakhs additional grants required)	Budget allocation is provided vide office order No. C /B&R/C5-6072/ 2024-25 dated 07.10.2024
63.	2025	162nd Finance Committee Meeting dated 30.01.2025	Request to consider and approve the proposal for refurbishing and renovation of centre of excellence building(reward) second floor at GKVK campus for 80.00 lakhs. vide ABAC 8415/888	Ratification of the Board of Management is conveyed vide office order No. C/ S-8/ Schemes / Ratification order/ 2024-25 dated 12.03.2025.

64.			Proposal for ratification the sanction of Rs. 500 lakhs towards purchase of nuclear magnetic resonance spectrometer (400mhz) GOK (ADHOC) project on "establishment of nuclear magnetic resonance (NMR) honey testing laboratory". vide ABAC 8413/702	Ratification of the Board of Management is conveyed vide office order No. C/ S-8/ Schemes / Ratification order/ 2024-25 dated 12.03.2025.
65.			Request to consider and to approve the proposal for providing annual maintenance contract (AMC) of electrical, air conditioning, fire hydrant, sound system, fixtures and other allied items in Dr. Babu Rajendra Prasad international convention centre at GKVK campus for Rs. 70.00 lakhs.	Budget allocation is provided vide office order No. C /B&R / C5-6654 / 2024-25 dated 22.02.2025
66.			Proposal for sanction of 51.96 lakhs towards purchase of seed packing and storage material under ICAR mega seed project accrued revolving fund vide Ab a/c no. 9372/6824.	Ratification of the Board of Management is conveyed vide office order No. C/ S-6/ L&A / 2024-25 dated 17.03.2025.
67.		163rd Finance Committee Meeting dated 23.04.2025	University of Agricultural Sciences, Bangalore, brief progress report -2024-25 and details of budget allocation for the year 2025-26 & revised budget allocation for the year 2024-25.	Budget allocation is accorded vide office order No. C./S-III/C5-4/2025-26 Dated: 07.05.2024.
68.		164th Finance Committee Meeting dated 23.05.2025	Proposal for ratification the sanction accorded for Rs. 60.00 lakhs towards purchase of seed colour sorter under GOK project on "sub-mission on seeds and planting materials (SMSP)" vide ABAC 10400/702	Ratification of the Board of management is conveyed Vide office order No. C/S-8/Schemes/ Ratification order /2025-26 dated 17.06.2025
69.			Proposal for ratification the sanction accorded for Rs. 75.00 lakhs towards purchase of automatic seed treater-cum dryer under GOK project on "sub-mission on seeds and planting materials (SMSP)" vide ABAC 10400/702	Ratification of the Board of management is conveyed Vide office order No. C/S-8/Schemes/ Ratification order /2025-26 dated 17.06.2025
70.		165th Finance Committee Meeting dated 15.07.2025	Proposal for ratification of sanction accorded for construction of seed godown at NSP, GKVK under GOK project on "sub-mission on seeds and planting materials (SMSP)" for 150.00 lakhs vide ABAC 10400/889.	Ratification of the Board of Management is conveyed Vide Office Order No. C/S-8/Schemes/Ratification Order /2025-26 dated 14.08.2025
71.			Proposal for ratification of sanction accorded for construction of seed godown at OFRS, Naganahalli under GOK project on "sub-mission on seeds and planting materials (SMSP)" for 50.00 lakhs vide ABAC 10400/889.	Ratification of the Board of Management is conveyed Vide Office Order No. C/S-8/Schemes/Ratification Order /2025-26 dated 14.08.2025

72.			Proposal for ratification of sanction accorded for construction of seed godown at ARS, Nelamakanahalli under GOK project on "sub-mission on seeds and planting materials (SMSP)" for 50.00 lakhs vide ABAC 10400/889.	Ratification of the Board of Management is conveyed Vide Office Order No. C/S-8/Schemes/Ratification Order /2025-26 dated 14.08.2025
73.			Proposal for ratification of sanction accorded for construction of seed godown at VC Farm, Mandya under GOK project on "sub-mission on seeds and planting materials (SMSP)" for 50.00 lakhs vide ABAC 10400/889.	Ratification of the Board of Management is conveyed Vide Office Order No. C/S-8/Schemes/Ratification Order /2025-26 dated 14.08.2025
74.			Proposal for ratification of sanction accorded for construction of seed godown at ARS, Kunigal under GOK project on "sub-mission on seeds and planting materials (SMSP)" for 50.00 lakhs vide ABAC 10400/889.	Ratification of the Board of Management is conveyed Vide Office Order No. C/S-8/Schemes/Ratification Order /2025-26 dated 14.08.2025
75.			Request to consider and to approve the proposal for additional sanction of Rs. 1,01,48,500.00 for purchase of nuclear magnetic resonance spectrometer (400mhz) GOK (Adhoc) project on "Establishment of nuclear magnetic resonance (NMR) honey testing laboratory" vide ABAC 8413/702 (total cost of equipment Rs. 6,01,48,500.00).	Ratification of the Board of Management is conveyed Vide Office Order No. C/S-8/Schemes/Ratification Order /2025-26 dated 14.08.2025
76.		166th Finance Committee Meeting dated 20.09.2025	Request to consider and to approve the proposal for renovation of Kuvempu Auditorium at GKVK campus for 250.00 lakhs.	Sanction of the Board of Management is conveyed Vide Office Order issued Vide No. C/ B&R/ C-5-6092/2025-26 dated 01.01.2026
77.			Request to consider and approve the proposal for construction of infrastructure facility (first floor) under RKVY project at regional station of NISST, GKVK campus for 200.00 lakhs.	Sanction of the Board of Management is conveyed Vide Office Order No. C/PS/Sanction Order /2025-26 dated 04.11.2025
78.			Request to consider and to approve the proposal for construction of cold storage unit at NSP, GKVK under GOK Project "National Edible Oil Campaign-Oilseed" for 100.00 lakhs.	Sanction of the Board of Management is conveyed Vide Office Order No. C/S-8/Schemes/Sanction Order /2025-26 dated 03.11.2025
79.			Request to consider and to approve the proposal for "development of unified learning and market-driven skill development programme for marginalized learners" under "schedule caste-sub plan (SC-SP) "Strengthening	Sanction of the Board of Management is conveyed Vide Office Order No. C/S-8/Schemes/Sanction Order /2025-26 dated 03.11.2025

			and development of higher agricultural education in India for the year 2025-26 by ICAR, New Delhi for budget outlay of 55.00 lakhs.	
80.			Request to consider and approve the proposal for boosting agricultural productivity and livelihoods of ST and low-income farmers via focused technology support under sub component "Tribal Sub Plan (TSP): strengthening & development of higher agricultural education in India" granted by ICAR, New Delhi during the year 2025-26 with a budget outlay of Rs. 110.00 lakhs	Sanction of the Board of Management is conveyed Vide Office Order No. C/S-8/Schemes/Sanction Order /2025-26 dated 03.11.2025
81.			Request to consider and to approve the proposal for supply of furniture's to newly constructed Directorate of Extension office at GKVK campus for Rs. 170.00 lakhs	Sanction of the Board of Management is conveyed Vide Office Order issued Vide No. C/B&R/C-5-6560/2025-26 Dated 01.01.2026
82.	2026	167th Finance Committee Meeting dated 13.01.2026	Proposal to ratify the sanction accorded for Rs.74,98,900/- towards purchase of lysimeter cluster for continuous evapotranspiration of plants in field conditions. Under GOI- Anusandhan National Research Foundation (ANRF), Science and Engineering Research Board (SERB) New Delhi. project on entitled "Combining constitutive and acquired tolerance traits for water productive rice: An Al/ML model-based precision breeding" vide ABAC 10128/708	Ratification of the Board of Management is conveyed Vide Office Order No. C/S-8/Schemes/Action Taken-BOM-411 /2025-26 dated 04.02.2026
83.			Request to consider and to approve the proposal for construction of Examination hall at GKVK Campus, Bangalore for ₹ 639.00 lakhs.	Sanction of the Board of Management is conveyed Vide Office Order No. C/ B&R/ C5-6186/ 2025-26 dated 03.02.2026
84.			Request to consider and to approve the proposal for repair and renovation of Teachers Hostel Building at GKVK Campus for 60.00 lakhs.	Sanction of the Board of Management is conveyed Vide Office Order No. C/B&R/C5-6092/2025-26 dated 03.02.2026
85.			Request to consider and to approve the proposal for revised estimate for construction of clock tower at GKVK Campus for 205.00 Lakhs.	Sanction of the Board of Management is conveyed Vide Office Order No. C/B&R/C5-6092/2025-26 dated 03.02.2026

86.		168th Finance Committee Meeting dated 07.03.2026	Proposal for ratification of sanction accorded for Rs.74,99,195/-towards other civil works controlled environment growth chamber (a). Semi-circle chamber. (b). Growth walk in chamber under Government of Karnataka project entitled "Establishing a national facility for phenotyping biotic and abiotic stress tolerance traits: Diagnostics and mitigation strategies" vide ABAC 8505/888.	Ratification of the Board of Management is conveyed Vide Office Order No. C / S-8 / Schemes / Action Taken – BOM - 412 / 2025-26 dated 10.03.2026
87.			Proposal for ratification of sanction accorded for Rs.54,99,390/-towards Repairs of Equipment 1. Overhauling and software & Electronics Upgradation of Lysimeters, 2. Serving the moving flat form, including replacement of all drive belts and motor coupling units and servicing all roller contact-water lines and allied accessories, under Government of Karnataka project entitled "Establishing a national facility for phenotyping biotic and abiotic stress tolerance traits: Diagnostics and mitigation strategies" vide ABAC 8505/267.	Ratification of the Board of Management is conveyed Vide Office Order No. C / S-8 / Schemes / Action Taken – BOM - 412 / 2025-26 dated 10.03.2026
88.			Proposal for ratification of sanction accorded for Rs.73,13,700/- towards Training kit & Seeds under ICAR-SCSP Project entitled "Village Adoption and Free Distribution of Quality Seeds for Scheduled Caste Farmers in Kolar, Chikkaballapur, Bengaluru Rural, Tumkur and Ramanagara Districts"–vide ABAC 10650/396.	Ratification of the Board of Management is conveyed Vide Office Order No. C / S-8 / Schemes / Action Taken – BOM - 412 / 2025-26 dated 10.03.2026
89.			Proposal for ratification of sanction accorded for Rs.57,00,000/- towards purchase of Hand spray machine & Spade under ICAR-SCSP Project entitled "Boosting Agricultural Productivity and Livelihoods of Scheduled Caste (SC) Low-Income Farmers via Focused Technology Support"–vide ABAC -10651/391.	Ratification of the Board of Management is conveyed Vide Office Order No. C / S-8 / Schemes / Action Taken – BOM - 412 / 2025-26 dated 10.03.2026
90.			Request to consider and to approve the proposal for supplying furnitures to newly constructing class rooms at	Sanction of the Board of Management is conveyed Vide Office Order No. C/

			College of Sericulture, Chintamani for Rs. 65.00 lakhs.	B&R/ C5-6394/ 2025-26 dated 31.03.2026
91.			Proposal for ratification of sanction accorded for Rs. 65.00 Lakhs (Rs. 40 Lakhs for Print Books and Rs. 25 Lakhs for e-Books/e-Resources) towards Print Books and e-Books/e-Resources under ICAR-SCSP Project entitled "Strengthening of Library Resources at University of Agricultural Sciences Bangalore"–vide ABAC 10652/391.	Ratification of the Board of Management is conveyed Vide Office Order No. C / S-8 / Schemes / Action Taken – BOM - 412 / 2025-26 dated 10.03.2026
92.			Proposal for sanction accorded for Rs.120.00 Lakhs towards Development of Software (Unified platform for upload and access digital learning resources under ICAR-SCSP Project entitled "Digital Learning access expansion program for SC communities"–vide ABAC 10653/396.	Ratification of the Board of Management is conveyed Vide Office Order No. C / S-8 / Schemes / Action Taken – BOM - 412 / 2025-26 dated 10.03.2026
93.			Proposal for sanction accorded for Rs. 100.00 lakhs towards training kit & seeds under ICAR-SCSP project entitled "Village adoption and free distribution of quality seeds for scheduled caste farmers in Kolar, Chikkaballapur, Bengaluru rural, Tumkur and Ramanagara districts"–vide ABAC 10650/396.	Ratification of the Board of Management is conveyed Vide Office Order No. C / S-8 / Schemes / Action Taken – BOM - 412 / 2025-26 dated 10.03.2026
94.			Proposal for sanction accorded for Rs. 105.00 lakhs (GIA-capital Rs. 50.00 lakhs –DAC: 391 and GIA – General Rs. 55.00 lakhs- DAC: 396) towards hand spray machine and spade / plastic crates, training and capacity building/ HRD / operational expanses under ICAR-SCSP project entitled "Boosting agricultural productivity and livelihoods of scheduled caste (SC)" – vide ABAC 10651/391/396.	Ratification of the Board of Management is conveyed Vide Office Order No. C / S-8 / Schemes / Action Taken – BOM - 412 / 2025-26 dated 10.03.2026

6.6.8.3 Internal Resources Generation

The constituent Colleges and Directorates of University of Agricultural Sciences Bangalore generated significant internal resources through fee collection and institutional activities during the period 2021–22 to 2025–26. The total fee collection ranged from ₹1003.22 lakhs to ₹3488.48 lakhs, while internal resources generated through various institutional activities ranged from ₹1769.69 lakhs to ₹3945.64 lakhs during the reporting period. These internally generated resources were utilized to support research activities, student academic programmes, skill development, field experiments, extension programmes, farmer trainings, demonstrations, and technology dissemination activities across the university

Details of Internal Resources Generation through different sources

Sl. No.	Year	College	Fee Collection (in Lakhs)	Sources of Internal Resource (activity)	Total (in Lakhs)	Ways of utilizing internal resources generated for academic programmes and research work of students
1	2021-22	College of Agriculture, GKVK, Bangalore	1433.20	Income from University Property (Rent)	343.80	• Utilised for the development work of the Teaching / Research / Extension units of the University • The fund is also earmarked for: ❖ Research: Varietal Development, Patenting, publications in highest NAAS rated journals, Technology development and equipping labs. ❖ Education: Student related activities, academic, Personality Developments, Sports, Hands on Trainings, RAWEP, Educational tours, Merit scholarship, support for publications and Field experiments ❖ Extension: outreach programmes, demonstrations, farm trials, OFT'S, exhibitions, campaigns, publications, printing of
		Directorate of Post Graduate Studies	660.74	Income from zonal research stations	125.70	
		College of Agriculture, Hassan	428.20	Income from agricultural research stations	69.20	
		College of Agriculture, VC Farm, Mandya	370.04	Income from other units	37.74	
		College of Sericulture, Chintamani	238.98	Other Misc. receipt	79.64	
		College of Agriculture, Chamarajanagara	32.24	Receipt from ICAR scheme	3.86	
				Other misc. income	2002.87	
		Total	**3163.39**	**Total**	**2662.81**	
2	2022-23	College of Agriculture, GKVK, Bangalore	1111.61	Income from University Property (Rent)	424.55	
		Directorate of Post Graduate Studies	640.04	Income from zonal research stations	150.41	
		College of Agriculture, Hassan	423.03	Income from agricultural research stations	65.33	
		College of Agriculture, VC Farm, Mandya	287.31	Income from other units	24.26	
		College of Sericulture, Chintamani	258.05	Other Misc. receipt	60.06	
		College of Agriculture, Chamarajanagara	43.17	Receipt from ICAR scheme	3.04	
		College of Agri Engineering, GKVK	21.04	Other misc. income	2232.50	
		Total	**2784.25**	**Total**	**2960.15**	

3	**2023-24**	College of Agriculture, GKVK	1280.80	Income from University Property (Rent)	453.75	literatures, use of ICT, Farmers trainings, induction and in-service training programmes.
		Directorate of Post Graduate Studies	548.19	Income from zonal research stations	183.68	
		College of Agriculture, Hassan	527.00	Income from agricultural research stations	67.18	
		College of Agriculture, VC Farm, Mandya	321.40	Income from other units	23.63	
		College of Sericulture, Chintamani	297.01	Other Misc. receipt	25.63	
		College of Agriculture, Chamarajanagara	58.42	Receipt from ICAR scheme	2.66	
		College of Agri Engineering, GKVK	61.65	Other misc. income	2774.51	
		Total	**3094.48**	**Total**	**3531.04**	
4	**2024-25**	College of Agriculture, GKVK, Bangalore	1791.25	Income from University Property (Rent)	482.18	
		Directorate of Post Graduate Studies	580.17	Income from zonal research stations	149.68	
		College of Agriculture, Hassan	545.14	Income from agricultural research stations	58.10	
		College of Agriculture, VC Farm, Mandya	241.75	Income from other units	24.82	
		College of Sericulture, Chintamani	241.77	Other Misc. receipt	46.66	
		College of Agriculture, Chamarajanagara	47.67	Receipt from ICAR scheme	5.85	
		College of Agri Engineering, GKVK, Bangalore	40.74	Other misc. income	2446.28	
				Income from other sources	732.07	
		Total	**3488.48**	**Total**	**3945.64**	
5	**2025-26 (P)**	College of Agriculture, GKVK, Bangalore	482.50	Income from University Property (Rent)	397.20	
		Directorate of Post Graduate Studies	365.18	Income from zonal research stations	1372.49	
		College of Agriculture, Hassan	48.88	Income from agricultural research stations		

		College of Agriculture, VC Farm, Mandya	11.59	Income from other units		
		College of Sericulture, Chintamani	57.18	Other Misc. receipt		
		College of Agriculture, Chamarajanagara	6.69	Receipt from ICAR scheme		
		College of Agri Engineering, GKVK	31.20	Other misc. income		
				Income from other sources		
		Total	**1003.22**	**Total**	**1769.69**	

P: provisional

6.6.8.4 External Funding

The University of Agricultural Sciences, Bangalore mobilized substantial external research funding through 745 competitively funded projects, amounting to ₹29,572.48 lakhs during the period 2021–22 to 2025–26. The Government of India (GOI) emerged as one of the major contributors, supporting 228 projects (₹7,114.91 lakhs), thereby accounting for a significant share of the total external funding mobilized. The Government of Karnataka (GOK) also played a pivotal role by supporting 103 projects (₹7,126.69 lakhs), with a marked increase in financial assistance during the later years of the assessment period.

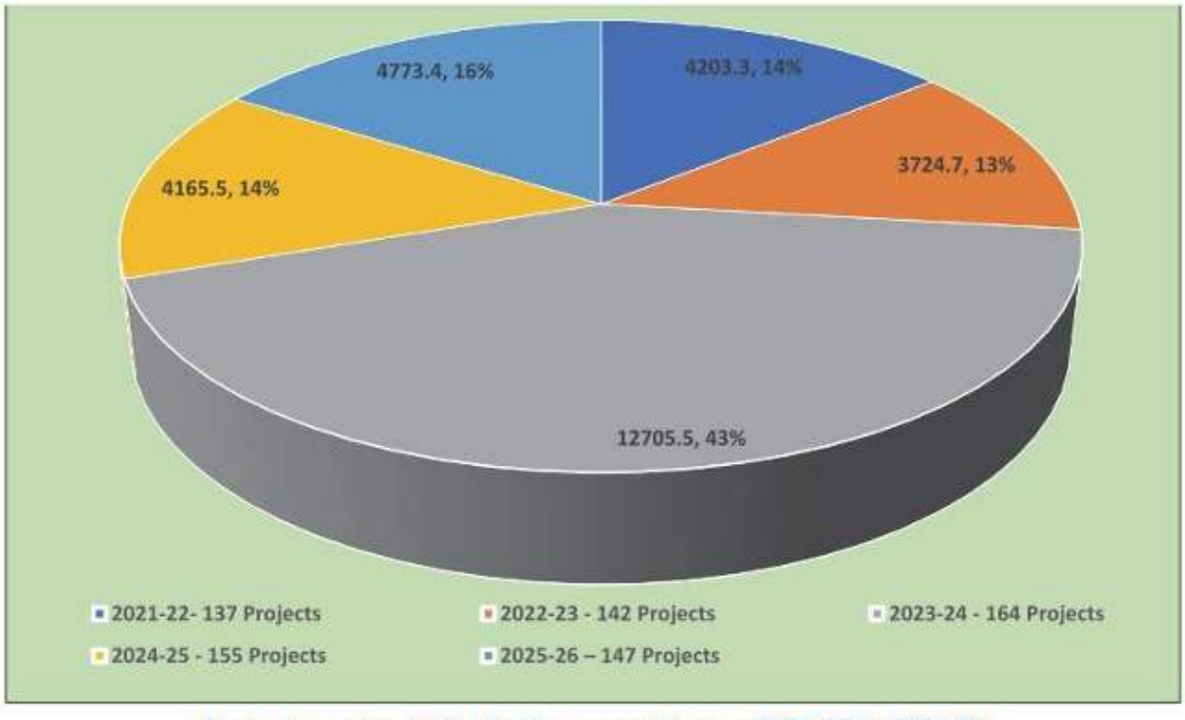
The Indian Council of Agricultural Research (ICAR) consistently supported a large number of research initiatives through 200 projects (₹1,419.16 lakhs), thereby strengthening agricultural research, innovation, and academic programmes. The Rastriya Krishi Vikas Yojana (RKVY) contributed to agricultural development and field-oriented interventions by funding 34 projects (₹1,447.43 lakhs).

In addition, other agencies supported 109 projects (₹1,825.09 lakhs), contributing significantly towards interdisciplinary and collaborative research activities. Corporate Social Responsibility (CSR) initiatives funded 29 projects (₹10,339.69 lakhs), reflecting strong industry participation in research and infrastructure development. Further, emeritus scientist schemes supported 23 projects (₹195.98 lakhs), while emeritus professor schemes contributed 16 projects (₹84.57 lakhs). Foreign funding agencies also supported 3 projects (₹18.96 lakhs), thereby enhancing international collaboration and research networking. Collectively, these funding sources substantially strengthened the University's research ecosystem and enhanced its capacity for innovation, technology development, and societal impact.

External Funding Received During 2021-22 to 2025-26

Sl. No.	Year	Name of the external Resource got through competitive mode	External resources Mobilised (Rs. in Lakhs)	Total External resources mobilised (Rs. in Lakhs)
1	2021-22-137 Projects	GOI - 54 Projects	2334.90	4203.33
		GOK - 17 Projects	351.63	
		Other - 12 Projects	435.47	
		RKVY - 3 Projects	450.30	
		Emeritus Scientists - 5 Projects	61.69	
		Emeritus Professor - 2 Projects	2.57	
		ICAR - 42 Projects	248.80	
		CSR Grants - 2 Projects	317.97	
2	2022-23 - 142 Projects	GOI - 34 Projects	1068.97	3724.738
		GOK - 27 Projects	1797.82	
		Other - 16 Projects	278.71	

		RKVY - 7 Projects	18.99	
		Emeritus Scientists - 8 Projects	70.32	
		Emeritus Professor - 4 Projects	30.08	
		ICAR - 43 Projects	342.42	
		CSR Grants - 3 Projects	117.43	
3	2023-24 - 164 Projects	Foreign Funds - 1 Project	7.15	12705.48
		GOI - 62 Projects	1343.27	
		GOK - 14 Projects	823.31	
		Other - 23 Projects	377.87	
		RKVY - 7 Projects	294.19	
		Emeritus Scientists - 5 Projects	38.52	
		Emeritus Professor - 6 Projects	30.12	
		ICAR - 42 Projects	273.66	
		CSR Grants - 4 Projects	9517.39	
4	2024-25 - 155 Projects	GOI - 47 Projects	1289.97	4165.524
		GOK - 17 Projects	1728.08	
		Other - 32 Projects	364.69	
		RKVY - 6 Projects	252.51	
		Emeritus Scientists - 4 Projects	18.26	
		Emeritus Professor - 4 Projects	21.8	
		ICAR - 35 Projects	304.83	
		CSR Grants - 10 Projects	185.38	
5	2025-26 – 147 Projects	Foreign Funds - 2 Projects	11.81	4773.41
		GOI - 31 Projects	1077.8	
		GOK - 28 Projects	2425.85	
		Other - 26 Projects	368.35	
		RKVY - 11 Projects	431.44	
		Emeritus Scientists - 1 Project	7.19	
		ICAR - 38 Projects	249.45	
		CSR Grants - 10 Projects	201.52	
Grand Total – 745 Projects				**29572.48**



Projects sanctioned (in Lakhs rupees) during 2021-22 to 2025-26

6.6.8.5 Financial Powers Delegation to Deans

UASB has clearly delegated financial powers as per the statutes to Deans, Directors, University officers, Heads of Departments, KVK and ARS and Principal Investigators of the Projects. This ensures decentralized and efficient financial management at academic and administrative levels. This delegation enables timely approval of routine and project-related expenditures, reduces administrative delays, and supports the smooth functioning of academic, research, extension, and administrative activities across the University. Detailed delegations have been presented in the below table.

Financial Powers Delegation to Deans/ Heads

Sl. No.	Deans/ Head/ Officers		Type of financial powers delegated
1	Officers	Vice-Chancellor	Not Exceeding Rs. 10,00,000
		Registrar	Not Exceeding Rs. 2,00,000
		Director of Education	
		Director of Research	
		Director of Extension	
		Dean of Student Welfare	
		Estate Officer	
		Comptroller	
		Librarian	
		Administrative Officer	
2	Deans	Dean (Agri.), College of Agriculture, GKVK	Not Exceeding Rs. 2,00,000
		Dean (PGS), GKVK.	
		Special Officer, College of Agri. Engineering, GKVK.	
		Dean (Seri.), College of Sericulture, Chintamani	
		Dean (Agri.), COA, VC Farm, Mandya	
		Dean (Agri), COA, Hassan	
		Special Officer, COA, Chamarajanagar	
3	Heads	Professor & Head, Institute of Agri-Business Management, GKVK	Not Exceeding Rs. 50,000
		Senior Scientist and Head (KVK)	
		Controller of Examination, UEC	
		All Principal Investigators of the Projects	
		Diploma (Principal), COA, V Farm, Mandya	
		Extension Education Unit, Naganahalli	
		ADE, Extension Unit, Mandya	
		Senior Farm Superintendent / Farm Superintendents (ARS/ ZARS)	Not Exceeding Rs. 25,000
4	Others	Associate Director of Extension, GKVK	Not Exceeding Rs. 50,000
		Associate Director of Research, GKVK	
		Editor, Communication Centre	
		Associate Director of Research, Mandya	
		Associate Director of Research, Mandya	
		Programme Co-ordinator, Biofuel, Hassan	

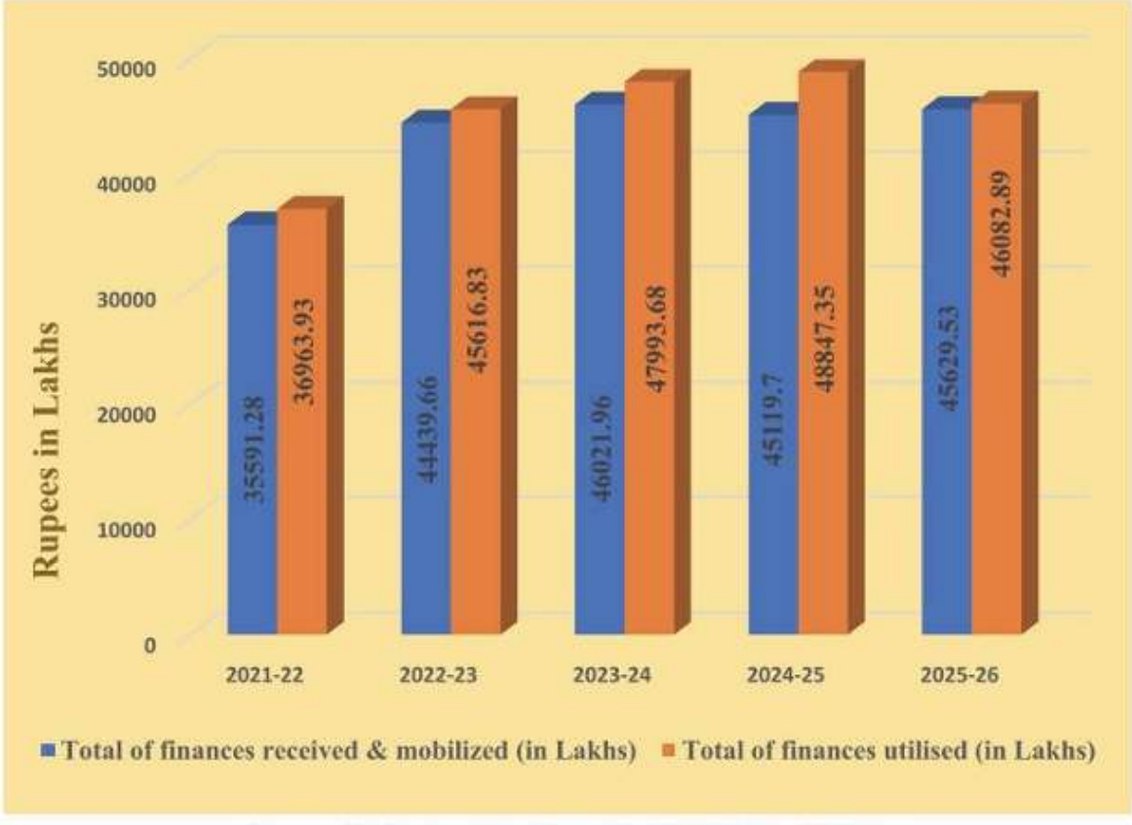
6.6.8.6 Finance Utilization: Finance Utilization in last five years

During 2021–22 to 2025–26 (up to March 2026 (P)), UASB mobilized annual finances ranging from ₹35,591.28 lakh to ₹46,021.96 lakh. The University consistently utilized the funds received, with expenditures closely matching allocations each year. The fund utilization levels remained high, reflecting efficient financial management and sustained institutional activity over the period. The higher side expenditure during the reporting period is due to spill over of earlier years of capital grants by revalidation from subsequent years.

Financial Utilization

Sl. No.	Year	Total of finances received & mobilized (in Lakhs)	Total of finances utilised (in Lakhs)	Per cent of Utilization (%)
1.	2021-22	35591.28	36963.93	103.85%
2.	2022-23	44439.66	45616.83	102.64%
3.	2023-24	46021.96	47993.68	104.28%
4.	2024-25	45119.70	48847.35	108.26%
5.	2025-26 (P)	45629.53	46082.89	100.99%

P: Provisional



Finance Utilization for the period 2021-22 to 2025-26

6.6.9. Accomplishments

University of Agricultural Sciences, Bangalore has played a pioneering role in advancing agricultural education, research, and extension services in India. University has made significant contributions to the development of high-yielding crop varieties, sustainable farming practices, and modern agricultural technologies that have benefited farmers across Karnataka and beyond. UAS Bangalore is widely recognized for its excellence in agricultural sciences, horticulture, biotechnology, and rural development, and has produced skilled scientists, researchers, and agricultural professionals who have contributed to national food security and rural progress. Through innovative research programs, farmer outreach initiatives, and collaborations with national and international institutions, the university continues to strengthen India's agricultural sector and promote sustainable development. UASB is front runner in implementing the new age courses like AI&ML, B.SC (Hons) Natural Farming and also new courses namely, B.Sc. (Hons) Forestry, B.Tech (Biotechnology). The details of the University's achievements during the assessment period are presented below.

6.6.9.1. Awards for the University

University has received various awards and recognitions for its outstanding contributions to agricultural education, research, innovation, and extension services. Over the years, the University has earned appreciation from national and international organizations for its excellence in developing sustainable agricultural technologies, promoting farmer welfare, and advancing scientific research. These recognitions highlight the dedication and achievements of the University's faculty, researchers, students, and extension professionals in strengthening agricultural development and rural transformation. The details of awards received by the University during the assessment period are provided below.

The details of awards and reignitions received by the University during the assessment period

Sl. No.	Year	Awards
1	2021-22	• ICAR-PG Scholarship award (2020-21) (First Position) under Agricultural Sciences and Engineering & Technology groups conferred • Brand Promising University Award from ATAL Ranking Innovation Institutes. • Excellence in Course and Curriculum Design Award & Organic Farming Training Programme Award from Agriculture Today, The National Agricultural Magazine • AICRP on Dryland Agriculture received Chaudhary Devi Lal Outstanding All India Coordinated Research Project Award for Best Coordinating Centre among 31 centres across the country with a cash prize of Rs. One lakh. • AICRP on Forage Crops and Utilization bagged Certificate of Appreciation towards development of technology - Perennial grass based cropping system involving Bajra Napier Hybrid grass with *Sesbenia grandifolia* in Forage Crop Production from ICAR- Indian Grassland and Fodder Research Institute (IGFRI), Jhansi during National Group Meet on Forage crops and utilization Kharif-2021 • AICRP on Forage Crops and Utilization received Certificate of Appreciation towards development of technology Agase Intercropping with BxN Hybrid or Perennial Sorghum in Forage Crop Production from ICAR- Indian Grassland

		and Fodder Research Institute (IGFRI), Jhansi during National Group Meet on Forage crops and utilization Kharif-2021 • College of Agriculture, Hassan awarded with Best NSS Unit State award by Youth Empowerment and Sports Department, NSS Scheme Cell, Govt. Of Karnataka • ICAR-Krishi Vigyan Kendra, Chikkaballapura received Best stall award in Krishimela held at UAS, Bangalore • Agricultural Research Station, Arasikere awarded Certificate of Merit as a Leader for Seed Production and Best Net Income Generation in Seed Production for the year 2021–22 by UAS, Bangalore.
2	**2022-23**	• ICAR- PG Scholarship award (2021-22) (Second Position) under Agricultural Sciences and Engineering & Technology groups on April. • UAS, Bangalore secured sixth rank among all Farm Universities ranked by ICAR, New Delhi during 2022. • UAS, Bangalore bagged 11th Rank under Agriculture and allied sector category and 90th Rank under All India Universities category in the India rankings-2022 by NIRF, Ministry of Education, Government of India. • AICRP on Small Millets, GKVK awarded with Best performing AICRP Centre Award for overall performance during the period 2021-22 by AICRP on Small Millets and ICAR-Indian Institute of Millets Research, Hyderabad – awarded during Annual group meeting of AICRP on sorghum and Small millets held during 28th-29th, April, 2022 at IIMR, Hyderabad. • AICRP on Forage crops and Utilization received Certificate of appreciation for contribution towards development of technology based on cropping system during National group meeting – *Kharif* of AICRP on Forage crops and Utilization, 13-14th, June, 2022 organised by ICAR- Indian grassland and fodder research Institute, Jhansi at Sher-e-Kashmir University of Agricultural Science and Technology of Kashmir. Srinagar • AICRP on Forage crops and Utilization bagged first rank from ICAR- Indian Grassland and Fodder Research Institute, Jhansi during National group meeting Rabi-2022 held on 26th September, 2022 • AICRP on Honeybees and Pollinators received Best TSP Centre award (First place) for outstanding extension work carried out under Tribal sub plan during 2021-22 in the Annual Group Meeting held at Sher-e-Kashmir University of Agricultural Sciences and Technology, Jammu on 8-9th September, 2022 • AICRP on Seeds received Certificate of appreciation for development of technology entitled "Integrated approach for enhancing the seed yield and quality in millets" during 36th Annual group meeting of AICRP on seeds (Crops), 2021 organised by ICAR- Indian Institute of Seed Science, Mau on 12th May, 2022 • AICRP On Small Millets, V.C Farm, Mandya bagged Small Millet stall exhibitor award during Krishimela -2022 • Dr. Krishna Ella, CEO of Bharat Biotech, Hyderabad, an alumnus of the department of plant pathology, UAS, Bangalore has made significant contributions to the COVID-19 vaccine development and conferred with the

		Padma Bhushan Award in 2022.
3	2023-24	• UAS, Bangalore bagged the National Level Best State 'DAESI Award 2024' for training the highest number of Agri input dealers under DAESI programme through Nodal Training Institutes of SAMETI (South), Directorate of Extension, UAS, Bangalore bestowed by MANAGE, Hyderabad on 22nd February, 2024. • UAS, Bangalore bagged 11th Rank under Agriculture and allied sector category and 90th Rank under All India Universities category in the India rankings-2023 by NIRF, Ministry of Education, Government of India. • AICRP on Post -harvest Engineering and Technology received Third Best Centre of the Year 2022-23 award by ICAR-Central Institute of Post-Harvest Engineering and Technology, Ludhiana in 38th, Annual workshop of AICRP on PHET held at ICAR-CPCRI, Kasaragod during 20-22, February, 2023 • AICRP on Dryland Agriculture awarded with Best Book Award for the book on Integrated farming systems in Kannada Under Agriculture division by Karnataka Science and Technology Academy, Department of Science and Technology, GoK on 17.03.2023 • AICRP on Weed Management received Best Centre award for AICRP on Weed management for the year 2022-23 by the ICAR -Directorate of Weed Research, Jabalpur in the 30th Annual Review Meeting of AICRP on Weed Management held at Sher-e-Kashmir University of Agricultural Sciences and Technology, Jammu during 26 and 27, May 2023 • AICRP on Sunflower awarded with Best AICRP - Oilseeds Centre award by the ICAR Quinquennial Team formed to review ICAR-IIOR and AICRP on oilseeds for the five years (2017-2021) in the Annual Kharif Oilseeds group meet (Castor, Sunflower, Sesame & Niger) held at Agricultural University, Mandor, Jodhpur, Rajasthan from 31st May to 3rd June 2023 • AICRP on Forage crops and Utilization received Certificate of Appreciation for the contribution towards development of the technology, "Plant growth regulators and Micronutrients for yield and quality improvement of fodder crops in Karnataka" during National Group Meet Rabi-2023 organised by ICAR-AICRP on Forage Crops and Utilization, Jhansi, Uttar Pradesh • AICRP on Forage crops and Utilization received Certificate of Appreciation for the contribution towards development of the technology, "Fodder productivity of Moringa" during National Group Meet Rabi-2023 organised by ICAR-AICRP on Forage Crops and Utilization, Jhansi, Uttar Pradesh • AICRP on Forage crops and Utilization received Certificate of Appreciation for the contribution towards development of the technology, "Precision Nitrogen Management in Fodder Maize" during National Group Meet Rabi-2023 organised by ICAR- AICRP on Forage Crops and Utilization, Jhansi, Uttar Pradesh • AICRP on Micro and Secondary Nutrients and Pollutant Elements in Soils and Plants received Certificate of Appreciation for completion of delineation work of Karnataka State during the XXIX Biennial workshop of AICRP on Micro and Secondary Nutrients and Pollutant Elements in Soils and Plants held at Orissa University of Agriculture and Technology, Bhubaneswar during June 23-25.

		2023 organised by Orissa University of Agriculture and Technology, Bhubaneswar and ICAR-Indian Institute of Soil Science, Bhopal • AICRP (FIM), V.C Farm, Mandya received best technology display award at Krishimela held at V.C. farm Mandya from 04-12-2023 to 05-12-2023 for displaying the improved farm implements and machinery • AICRP (FIM) received best AICRP centre award for demonstrating improved farm implements and machinery at demo plot by University of Agricultural Sciences, Bangalore • AICRP on Maize, V.C Farm, Mandya received Best Exhibition Stall award in Krishimela-2023 held at University of Agricultural Science, G.K.V.K, Bengaluru on 17th to 20th November -2023. • AICRP on Maize, V.C Farm, Mandya received Best Field Demonstration in Krishimela-2023 held at University of Agricultural Science, G.K.V.K, Bengaluru on 17th to 20th November -2023. • AICRP on Maize received second Best Exhibition Stall in Krishimela-2023 held at ZARS, VC Farm, Mandya on 4th and 5th December-2023. • AICRP on Honeybees and Pollinators received Best Presenting Centre during Annual Group Meeting of AICRP on Honey bees and Pollinators held during 4th to 6th September 2023, at UAS, Bangalore. • ICAR-Krishi Vigyan Kendra, Chikkaballapura received Best stall award in Krishimela-2023 held at GKVK, University of Agricultural Sciences, Bangalore • ICAR- Krishi Vigyan Kendra, Mandya received Best stall award in Krishimela-2023 held at GKVK, University of Agricultural Sciences, Bangalore • ICAR-Krishi Vigyan Kendra, Chikkaballapura received Best stall award by ISEE, Conference, held at UAS, Bangalore. • Dr. Krishna Ella, CEO of Bharat Biotech, Hyderabad, an alumnus of the department of plant pathology, UAS, Bangalore honoured with Doctoral degree from University of Agricultural Sciences, GKVK, Bangalore during 58th convocation for his contribution towards development of COVID-19 vaccine.
4	**2024-25**	• UAS, Bangalore awarded State Level NSS Best University Award for the year 2022-23 at Raj Bhavan, Bangalore on 17th March, 2024. • UAS, Bangalore, one among the seven Farm Universities in the Country (out of 76 Farm Universities) that received the prestigious ASEAN India Fellowship programme for Higher Education in Agriculture and Allied Sciences. • UAS, Bangalore bagged 11th Rank under Agriculture and allied sector category and 95th Rank under All India Universities category in the India rankings-2024 by NIRF, Ministry of Education, Government of India. • AICRP on Seeds received Best Centre Award for the year 2023-24 for quality seed production by IISS, Mau at 39th Annual Group meeting of AICRP on Seed (Crops) during 2nd & 3rd May, 2024 • AICRP on Forage crops and Utilization received Certificate of Appreciation for developing the technology "Organic nutrient management in fodder Cowpea-Maize cropping system under irrigated situation" by ICAR-Indian Grassland and Fodder Research Institute, Jhansi at National group Meet-2024 • AICRP on Forage crops and Utilization received Certificate of Appreciation for

		Forage Garden established by them as "Golden Jubilee Forage Garden" by ICAR-Indian Grassland and Fodder Research Institute, Jhansi at National group Meet-2024 • AICRP on Post -harvest Engineering and Technology awarded with Best centre of the Year 2024-25 Award by ICAR-Central Institute of Post-harvest Engineering Technology, Ludhiana at 40th Annual workshop of AICRP on PHET held at Assam Agricultural University, Jorhat from 20-22 November, 2024 • ICAR- Krishi Vigyan Kendra, Mandya awarded with Best stall award in Krishimela-2024 held at University of Agricultural Sciences, Bangalore • AICRP (FIM), V.C Farm, Mandya awarded with Best technology display award for displaying the improved farm implements and machinery at stall by University of Agricultural Sciences, Bangalore • AICRP on Maize awarded with Best Exhibition Stall (Second place) in Krishimela-2024 held at ZARS, VC Farm, Mandya on 26th and 27th November-2024 • AICRP on Maize awarded with Best Field Demonstration in Krishimela-2024 held at ZARS, VC Farm, Mandya on 26th and 27th November-2024
5	**2025-26**	• UAS, Bangalore bagged 11th Rank under Agriculture and allied sector category, 95th Rank under All India Universities category and 37th rank under State Public University category in the India rankings-2025 by NIRF, Minister of Education, Government of India. • AICRP on Dryland Agriculture awarded with Outstanding Interdisciplinary Team: Dr. Gajjala Ravindra Chary Award' for the year 2024 by Indian Society of Dryland Agriculture held at CRIDA, Hyderabad during 2nd International Conference on Rainfed Agriculture: Building for Resilience & Sustainable Livelihoods held from 29-31 January, 2025 • Centre of Excellence on Nutri-cereals received Third prize in the category" research institutes" by Jaivik India Awards supported by APEDA during 5th Jaivik India awards held at Bengaluru on 22.01.2025. • AICRP on Sunflower bestowed with Best Centre Award for the year 2024-25 by ICAR-IIOR, at Annual Group Meeting of Oilseeds on 24.05.2025 • AICRP on Agri. Acarology awarded with Best Performing Centre Award for the year 2024-25 by ICAR-All India Network Project on Agricultural Acarology during 21st Annual Group Meeting during 3rd and 4th July, 2025 • AICRP on Seed (Crops) awarded with Seed Business Award for the year 2025 for seed education and capacity building by Indian Chamber of Food and Agriculture, New Delhi • AICRP on Agrometeorology awarded with Best Performing Centre Award during the Annual Working Group Meeting of AICRPAM held at PAU, Ludhiana, from 27–30 November 2025 • ICAR- Krishi Vigyan Kendra, Mandya awarded with Best stall award in Krishimela-2025 held at University of Agricultural Sciences, Bangalore • AICRP On Small Millets, V.C Farm, Mandya awarded with Best Stall Award in Krishimela-2025, by UAS, Mandya

		• AICRP On Small Millets, V.C Farm, Mandya awarded with Best Demo Plots in Krishi mela-2025, by UAS, Mandya • AICRP(FIM), V.C Farm, Mandya Awarded with Best technology display award for displaying the improved farm implements and machinery under special category by University of Agricultural Sciences, Mandya • AICRP on Maize Received "Best Field Demonstration" certificate (Second place) in Krishimela-2025 held at ZARS, VC Farm, Mandya during 5th to 7th December-2025

Awards received by the University



Pandit Deendayal Upadhyay Krishi Vigyan Rashtriya Protshahan Puraskar-2021



NIRF-2022-23



NIRF-2023-24



NIRF-2024-25



Best State Award- 2023 for DAESI programme


राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

Certificate of Accreditation

The Executive Committee of the
National Assessment and Accreditation Council
is pleased to declare
University of Agricultural Sciences, Bangalore
GKVK, Bangalore, Bangalore Urban, Karnataka as
Accredited
with CGPA of 3.27 on four point scale
at A+ grade
valid up to February 13, 2030

Date : February 13, 2023

Director

NAAC A $^{+}$ accreditation certificate





UAS Bangalore awarded with Best NSS cell and Best NSS Programme Coordinator (2022-23)



Mr.Yashwanth Gowda received best NSS Volunteer (Male) for the year 2022-23



Ms. Maheshwari received best NSS Volunteer (Female) for the year 2022-23

Awards received by AICRP Centres during assessment period



Best Presenting Centre Award 2024- AICRP on Honey Bees and pollinators



Best AICRP (Oilseeds) centre (2017-21) – AICRP on Sunflower



Best centre award 2023 - AICRP on Weed Management



Best Performing Centre Award (2021-2025) - AICRPDA, Bangalore



Best Performing Centre Award (2024-2025) - AICRP on Agrometeorology



Seed Business Award - 2025 - AICRP on Seed (Crops)



Best Centre Award (2024-2025) – ICAR-AICRP on PHET



Best Performing Centre Award (2024-2025) – AINP on Agricultural Acarology



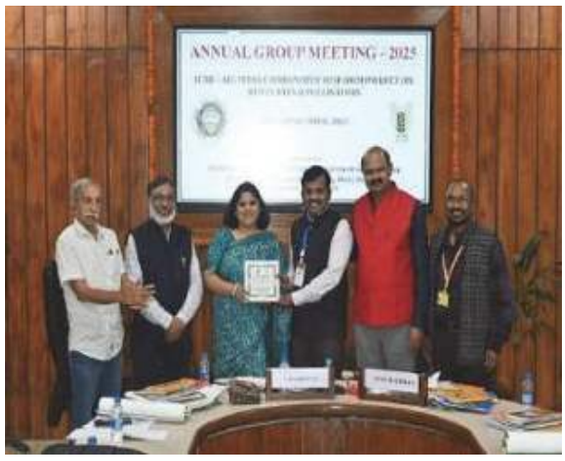
Jaivik India Awards-2025 – Centre of Excellence on Nutri-cereals



Outstanding Interdisciplinary Team: Dr. Gajjala Ravindra Chary Award 2024 - AICRP on Dryland Agriculture



Best Centre Award for the year 2023-24– AICRP on Seed (Crops)



Best Research Centre 2025 – AICRP on Honey Bees and Pollinators



Dr. M. H. Manjunatha (Best Oral Presentation)



Certificate of Appreciation-Volunteer 2025-26– AINP on Soil Arthropod pests



Dr. H.S. Shivaramu received ISA Gold Medal Award by Indian Society of Agronomy



Dr. Devaraja K (Eminent Engineer Award) by The Institution of Engineers (India), Karnataka State centre

6.6.9.2. Accreditation Report from ICAR / Other Agencies

Whether the University and its Colleges were accredited by the ICAR and other agencies in the past?

Yes, the University of Agricultural Sciences, Bangalore and its constituted colleges were accredited by the ICAR, New Delhi and details of accreditation are given below:

i) Accreditation from 25.08.2004 to 24.08.2009 (27-2/98-Acdn. / Edn. dtd. August 25, 2004)
ii) Accreditation from 28.03.2016 to 27.03.2021 (F.No. ed. 27/2/98-EQR dtd. 05 May 2016)
iii) Accreditation from 28.03.2021 to 27.03.2026 (F. No.1/15/2021-EQR.Edn dtd. 12th January 2022)

University of Agricultural Sciences, Bangalore has implemented all the observations/ recommendations made by the ICAR, NAEAB, New Delhi since 2021-22. Recommendations of the accreditation committee have been implemented satisfactorily with action taken on early point (Annexure 6.6.9.2).

Recommendation of the accreditation agency- ICAR-NAEAB, New Delhi, 2021.

1. There should be only one BoS for CoA, GKVK, Programme-wise BoS should not be constituted
2. Reallocation of Departments in College of Agricultural Engineering and Institute of Agribusiness Management
3. Appointment of sufficient faculty across the Departments in main campus and also at constituent colleges
4. Facilitating smooth function of practical classes/hands on training
5. Establishment of NCC unit at the campus
6. Creation of accommodation facility for students in the hostels and also amenities improvements
7. Students should be industry ready to attract prospective employer
8. Collection of Mid-Course feedback from the students and also formal mechanism to receive feedback from parents, industries and farmers
9. Appointment of sufficient faculty in Department of Agri. Business Management
10. Practical and hands on training exposure of students through RAWE (ABM)
11. Making availability of computers to the UG students (ABM)
12. Effective utilization of library by students
13. Improvements in UG laboratories
14. Activation of Placement cell and creating employability at COS, Chintamani

- Whether the University has taken the action taken report and submitted the reply to the accreditation agencies? Provide the detailed action taken report for each observation.

  Yes, the University has taken the action and submitted the detailed Action Taken Report for each observation for the years 2021, 2022, 2023, 2024 and 2025 (Year-wise PRT-ATR to ICAR, New Delhi, enclosed)

6.6.9.3. Inter Institutional Standings

- The University of Agricultural Sciences, Bangalore is accredited by the **National Agricultural Education Accreditation Board** (NAEAB) under ICAR with an **'A' Grade** (Score: 3.261) for the period 2021–22 to 2025–26.
- University of Agricultural Sciences, Bangalore is accredited with **A+** (score:3.27) from **National Assessment and Accreditation Council** (NAAC) for a commendable duration of five years

(2024-25 to 2029-30), a testament to its unwavering dedication to excellence in Agricultural Education, Research and Extension services.

- **National Ranking (NIRF):** University of Agricultural Sciences, Bangalore has achieved **6th rank among Agricultural universities** during 2020 ranked by ICAR, New Delhi. University **bagged 11th rank under Agriculture and Allied Sector Category by NIRF**, Minister of Education, GOI for the year 2022-23 to 2024-25. Similarly, UAS, Bangalore secured 90th rank in the year 2022-23 & 2023-24 and 95th rank in the year 2024-25 in Overall University ranking category. In state public university category, the university received 44th rank during 2023-24 and 37th rank during 2024-25.
- The Farm Machinery Testing Centre (FMTC) at the University of Agricultural Sciences (UAS), Bangalore, holds **ISO 9001:2015 certification**. This certification confirms that the centre adheres to international quality management standards for testing and certifying agricultural machinery.
- In 2024–25, the University was chosen among 76 farm universities in India to participate in the **prestigious ASEAN–India Fellowship Programme for Higher Education** in Agriculture and Allied Sciences.

National Ranking (ICAR/NAAC/MHRD) of the University

Sl. No.	Name of the Ranking	Rank of the University				
		2021-22	2022-23	2023-24	2024-25	2025-26
1.	NAEAB (ICAR)					
2.	NAAC	-	-	-	A^+	A^+
3.	NIRF (Agriculture and Allied Sectors)	-	11	11	11	-
4.	NIRF (University Category)	-	90	90	95	-
5.	NIRF (State Public University)	-	-	44	37	-

Status of the University in the ranking announced by agencies for academics, research, extension, sports/games, cultural events etc.

Sl. No.	Year	Ranking Area	Rank achieved
1	2021-22	**Academics**	ICAR-PG Scholarship award (2020-21) (First Position) under Agricultural Sciences and Engineering & Technology groups on September 2021.
		Research	AICRP on Dryland Agriculture, GKVK, was awarded the ICAR - Chaudhary Devi Lal Outstanding All India Coordinated Research Project Award for Best Coordinating Centre during 93rd ICAR Foundation Day on 16th July 2021.
		Sports / Games	Undergraduate Student was selected to represent India in the Foil event in the Fencing World Cup in Croatia in the

			month of January 2021-22. Due to Covid restrictions, Team India withdrew.
		Cultural Events	-
		Others	Excellence in Course and Curriculum Design Award & Organic Farming Training Programme Award from Agriculture Today, The National Agricultural Magazine
2	**2022-23**	**Academics**	ICAR- PG Scholarship award (2021-22) (Second Position) under Agricultural Sciences and Engineering & Technology groups on April 2022.
		Research	1. ICAR-Krishi Vigyan Kendra, Ramanagara bagged the National Award "Pandit Deendayal Upadhyay Rashtriya Krishi Vigyan Protsahan Puraskar-2021" bestowed at 94th Foundation Day of the ICAR on 16.07.2022 at New Delhi 2. AICRP on Small Millets, received Best Performing AICRP Centre Award for overall performance during 2021-22 by AICRP on Small Millets and ICAR Indian Institute of Millets Research, Hyderabad during Annual Group Meeting at IIMR, Hyderabad. 3. AICRP on Honeybees and Pollinators, was bestowed with best TSP Centre Award- first place for outstanding extension carried out under Tribal Sub Plan during Annual Group Meeting held at SKUAST, Jammu from 8-9th Sept., 2022. 4. ICAR-Krishi Vigyan Kendra, Tumakuru district has been awarded with National Siridhanya Awards-2023 under the category as Best Institution for Millet Production during the International Trade Fair on Millets and Organics-2023 organized at Bengaluru from 20-22nd January 2023. 5. AICRP on Post-Harvest Engineering and Technology was bestowed with Best Centre of the Year 2022-23 award (Third position) by ICAR Central Institute of Post Harvest Engineering and Technology, Ludhiana in the 38th Annual workshop of AICRP on PHET held at ICAR-CPCRI, Kasargod during 20-22, February, 2023.
		Sports / Games	1. Secured first place in the Senior Women's Foil Team Challenge in Indian National Fencing Team in Common Wealth Fencing Championship held at London, United Kingdom from 9th August to 20th August 2022. 2. Gold Medal in 400 m running, silver medals in 4X100 m relay women, and 4X100 m mixed relay and Brone medal, in 4 X 400 m relay women and 400 m Hurdles women at 21st All India Inter Agricultural Sports and Games Meet 2023 held at CCHSAU, Hisar, Haryana.

			3. Bronze Medal in Korf ball in the 3rd Senior South Zone Korf Ball Championship held at UAS, Raichur. 4. Bronze Medal in shooting competition in the State level shooting competition organized by KSRA, Bangalore, at SAI, Bangalore.
		Cultural Events	1. Over all Championship (3rd position) in 21st All-India Agricultural Universities Youth Festival (2022-23) at GKVK Campus, Bengaluru. 2. Over all Championship (3rd position) in South East Zone Inter University Youth Festival for the year 2022-23 held at Gulbarga University, Kalaburgi.
		Others	-
3	**2023-24**	**Academics**	UAS, Bangalore bagged the National Level Best State 'DAESI Award 2024' for training the highest number of Agri input dealers under DAESI programme through Nodal Training Institutes of SAMETI (South), Directorate of Extension, UAS, Bangalore bestowed by MANAGE, Hyderabad on 22nd February, 2024.
		Research	1. AICRP on Weed Management, UAS, Bangalore was presented with Best Centre Award for the year 2022-23 by the ICAR -Directorate of Weed Research, Jabalpur. 2. AICRP on Sunflower, UAS, Bangalore was adjudged as best AICRP (Oilseeds) Centre by the Quinquennial Team constituted by the ICAR to review the research work of ICAR-IIOR and AICRP on oilseeds for five years (2017-2021) 3. AICRP on Honeybees and pollinators, UAS, Bangalore centre was awarded 'Best Presenting Centre' during Annual Group Meeting of AICRP on Honey Bees and Pollinators held from 4-6 September, 2023 at UAS, Bangalore. 4. ICAR-Krishi Vigyan Kendra, Tiptur, has been awarded with National Siridhanya Awards-2023 under the category as Best Institution for Millet Production through Teaching, Research and Extension during International Trade Fair on Millets and Organics-2023 organized at Bangalore by GoK.
		Sports / Games	1. Secured Gold medal in the 16th Senior South Zone National Netball Championship held from 11-13 January, 2024 at Mahabubnagar, Telanganna. 2. Secured Silver Medal in State Fencing Championship-2023 (Senior Category) held at Koramangala Stadium, Bangalore from 30.09.2023 to 02.10.2023.
		Cultural Events	UAS-B Cultural team has won Gold Medal (First Place) in Folk Dance, second place in Debate and Third place in

			Overall Dance Category in the 37th Inter University National Youth Festival for the year 2023-24 held at Punjab Agricultural University, Ludhiana, Punjab from 28th March to 1st April, 2024.
		Others	-
4	**2024-25**	**Academics**	UAS, Bangalore is one among the seven Farm Universities in the Country (out of 76 Farm Universities) to receive the prestigious ASEAN India Fellowship programme for Higher Education in Agriculture and Allied Sciences.
		Research	1. ICAR-Krishi Vigyan Kendra, Tiptur, Tumkur-I, UAS, Bangalore was awarded as 'Centre of Excellence in Transfer of Technology' by Indian Glory Awards - 2024 at the Fames India Awards Ceremony held on 24th February, 2024 at Haryana. 2. All India Coordinated Research Project on Seeds, and AICRP on Post-Harvest Engineering were bestowed with 'Best Centre Award' for the year 2023-24 for quality seed production by IISS, Mau at 39th Annual Group Meeting of AICRP on Seed (Crops) held on 2nd and 3rd May, 2024. 3. AICRP on Honey Bees and Pollinators was awarded as Best Presenting Centre Award by ICAR- AICRP, New Delhi at Annual Group Meeting held on 29.09.2024 at HPKV, Palampur. 4. AICRP on Post-Harvest Engineering and Technology was bestowed with 'Best centre of the Year 2024-25 Award' by ICAR-Central Institute of Post-harvest Engineering Technology, Ludhiana at 40th Annual workshop of AICRP on PHET held at Assam Agricultural University, Jorhat from 20-22 November, 2024. 5. AICRP for Dryland Agriculture received Dr. Gajjala Ravindra Chary Award for Outstanding Interdisciplinary Team in Dryland Agriculture Research, Extension & Development during Second International Conference of ISDA on 'Rainfed Agriculture: Building Pathways for Resilience & Sustainable Livelihoods' held at ICAR-CRIDA on 29th January 2025.
		Sports / Games	1. Secured Gold Medal in the Karnataka state Fencing championship held at Bangalore from 24th to 26th October 2024. 2. Secured Gold Medal in the State Dasara Games Mysore - 2024 in the Fencing competition (held at Mysore from 03.10.2024 to 05.10.2024. 3. Gold medal in the 16th Senior South Zone National

			Netball championship-2024
		Cultural Events	1. Secured prizes in Folk Dance-Gold Medal (First Place); Debate-Second Place and Second Place in Overall Dance Category at 37th Inter University National Youth Festival for the year 2023-24 organized by Association of Indian Universities (AIU) at Punjab Agricultural University, Ludhiana, Punjab from 28th March 2023 to 1st April, 2024. 2. Secured 3rd place in Rangoli, 4th place in folk dance, 5th place in group song (Indian) in 38th AIU-Inter University South East Zone Youth Festival (Crescendo) held at Christ University, Bengaluru
		Others	Centre of Excellence on Nutri-cereals, UAS, GKVK, Bengaluru was awarded third prize in the category of Research Institutes by Jaivik India Awards supported by APEDA during 5th Jaivik India awards held at Bengaluru on 22nd January, 2025
5	**2025-26**	**Academics**	-
		Research	1. AICRP on Sunflower, UAS, Bangalore received "Best Centre Award for the year 2024-25" during Annual Group Meeting-Oilseeds 2025 on 24.05.2025 by ICAR-IIOR. 2. All India Network Project on Agricultural Acarology, UAS Bangalore Centre was awarded the "Best Performing Centre 2024-25" during the XXI All India Group meeting of AINP on Agril. Acarology held at TNAU, Coimbatore from 3rd and 4th July, 2025.
		Sports / Games	1. Secured gold medals in long jump, 4 x 100 mtr. Relay, high jump, 4 x 400 mtr. and Volley ball; silver medal in 200 mtrs and badminton; bronze medal in long jump in the XXII All India Inter Agri-Sports and Games Meet 2025 held at ANDUAT, Kumarganj, Uttar Pradesh from 2nd to 5th May 2025. 2. Secured Gold Medal in Health & Hygiene Event and Bronze Medal in JDFS event in All India Thal Sainik Camp -2025 at New Delhi.
		Cultural Events	-
		Others	-



UAS, Bangalore secured Overall Runners Up position in both men and women categories at the 21st All India Inter Agricultural Sports and Games Meet 2023, held at CCHSAU, Hisar, Haryana from 20th - 24th February 2023



College of Agriculture, GKVK, Bengaluru secured Runner-up position in overall sports and games meet for the year 2022-23



COA, GKVK secure Overall championship in Athletics for the year 2023-24



CoA, GKVK Secured Overall championship in Sports & Games for the year 2024-25





UAS Bangalore secured the Bronze medal at the 3rd Senior South Zone Korfball Championship, held on April 8th and 9th, 2022, at UAS Raichur.



Ms. Syeda Ifthaquar Banu represented UAS Bangalore in the All India Inter University Fencing Championships, 2023



Ms. Srividya R secured Bronze Medal in Fencing Sport (Epee – women category) in the 2nd edition of Khelo India University Games 2021





Ms. Nisha J Hosmani, secured Bronze Medal in the State Level Shooting Competition organized by KSRA, Bangalore held at SAI, Bangalore from 8th to 12th of July, 2022



UAS Bangalore secured Overall Championship- 2nd runner-up and Literary Champions – Winner during 21st All India Inter Agricultural University Youth Festival 2022-23 (21st AGRI UNIFEST- 2023)



UAS Bangalore secured Literary Champions – Winner during 21st All India Inter Agricultural University Youth Festival 2022-23 (21st AGRI UNIFEST- 2023)



Mime by UAS Bangalore (secured 3rd prize) during 21st All India Inter Agricultural University Youth Festival 2022-23



Skit by UAS Bangalore during 21st All India Inter Agricultural University Youth Festival 2022-23 (21st AGRI UNIFEST- 2023)







Folk Dance by UAS Bangalore during 21st All India Inter Agricultural University Youth Festival 2022-23 (21st AGRI UNIFEST- 2023) held at University of Agricultural Sciences, Bangalore from 13-03-2023 to 17-03-2023

6.6.9.4. Socio-Economic Impact

The University of Agricultural Sciences, Bangalore (UASB), established in 1964, has played a pioneering role in agricultural education, research, and extension in Karnataka and India. Over the past six decades, the university has significantly contributed to human resource development in agriculture and allied sciences.

Since its inception, UASB has successfully conducted **60 convocations**, reflecting its sustained academic growth and outreach. During this period, the university has awarded a substantial number of degrees to successful candidates, including:

- **28,221 Undergraduate degrees**
- **11,287 Postgraduate degrees**
- **2,692 Doctoral degrees**

These graduates have been trained across diverse disciplines such as agriculture, agricultural engineering, biotechnology, sericulture, food science, and other allied sectors, aligning with the university's mandate to support agricultural and rural development.

Socio-Economic Impact on Graduates

The agricultural education imparted by UASB has had a profound socio-economic impact on its graduates in several dimensions:

1. Employment Generation and Career Opportunities

Graduates from UASB have secured employment in various sectors as follows

- Government sectors (agriculture departments, extension services, banking, civil services)
- Private agribusiness firms (Agri-inputs industries, agri-tech industries)
- Research and academic institutions

This has enhanced their income levels, job security, and social mobility.

2. Entrepreneurship and Agribusiness Development

A significant number of alumni have emerged as agri-entrepreneurs, establishing:

- Commercial farms
- Seed production units
- Food processing industries
- Agri-startups

This contributes to rural employment generation and local economic development.

3. Technology Transfer and Agricultural Development

Through education and extension exposure, graduates act as change agents, transferring:

- Improved crop varieties
- Modern farming techniques
- Sustainable agricultural practices

This has led to increased farm productivity and improved livelihoods of farming communities.

4. Rural Development and Social Transformation

Many graduates work closely with rural communities, promoting:

- Scientific farming practices
- Farmer awareness programs

- Self-help groups and rural institutions
  This has strengthened rural economies and improved living standards.

5. Contribution to Research and Innovation

Postgraduate and doctoral graduates contribute to

- Agricultural research
- Policy development
- Technological innovations

UASB itself has been widely recognized for excellence in agricultural research and education, producing notable scientists and policymakers.

6. Human Capital Development

The university has created a strong pool of skilled professionals who

- Support national food security
- Enhance agricultural productivity
- Drive sustainable development

Conclusion

Agricultural education at UAS Bangalore has a strong positive socio-economic impact on its graduates. It not only enhances their income, employment, and entrepreneurial potential, but also shapes them into agents of rural transformation. The combination of scientific training, field exposure, and extension orientation ensures that graduates contribute meaningfully to both their own livelihoods and the broader agricultural economy.

Socio-Economic impact of Research and Extension activities of the University

Sl. No.	Significant Activities	Area of upliftment (Economic / social Status)	Impact on farmer's economics / Social status (% increase)
1	Economic gains by adopting KMR 630 ragi variety	➢ The yield increased by 300 kg/acre compared to the old variety ➢ Net gains increased from ₹ 6.23 crore to ₹ 29.72 crore	➢ The adoption rate increased steadily from 0.004 to 0.129 per cent, indicating growing confidence among farmers.
2	Economic gains by adopting PGCP 6 cowpea variety	➢ The area under PGCP-6 cultivation increased from 1,01,270 acres to 1,17,247 acres. ➢ The yield advantage of PGCP-6 is notable, producing 550 kg per acre, compared to 400 kg per acre for the old variety, leading to a 150 kg per acre yield increase. ➢ As a result, the net economic gains from	➢ The adoption rate slightly declined from 51.20 per cent to 47.3 per cent, but the productivity is 37.5 per cent higher. ➢ The economic impact is substantial, as the price per kg for PGCP-6 remained at Rs.129.5, while the old varieties was priced significantly low at Rs. 55.7 and Rs. 56.8 per kg.

		adopting PGCP-6 were around ₹84 crore in and around ₹99 crore.	
3	Economic gains by adopting LBG 791 blackgram variety	➢ The yield of black gram LBG791 variety increased by 230 kg/acre	➢ The adoption rate reached 3.26 per cent, leading to net gains of approximately ₹ 56 crore.
4	Economic gains by adopting HA 5 field bean variety	➢ A hybrid variety of field bean, exhibited yield improvements of 56 kg/acre. ➢ The net gains from this variety were ₹2.46 crore and ₹0.87 crore	➢ The adoption rate stood at 0.053 per cent, reflecting farmers' acceptance.
5	Economic gains by adopting KC-8 cowpea variety	➢ The variety demonstrated an increased yield of 100 kg/acre. ➢ The net gain increased from ₹0.66 crore to ₹0.85 crore, reflecting the improved productivity and income for farmers.	➢ Adoption rate rising from 0.007 per cent showing farmers increasing acceptance.
6	Economic gains by adopting GKVK S-1 sesame variety	➢ The productivity of the variety was 300 kg/acre. ➢ The net gains amounted to ₹0.015 crore.	➢ The variety recorded improved yield by 20 kg/acre, and of better quality.
7	Economic gains by adopting MAH-14-138 maize hybrid variety	➢ This maize variety exhibited remarkable yield improvement of 1500 kg/acre. ➢ The net gain was ₹31.3 crore.	➢ The adoption rate was 0.003 per cent showing a steady acceptance of the variety.
8	Economic gains by adopting RNR-15048 paddy variety	➢ Paddy variety, displayed increased yield by 1300 kg/acre. ➢ The net gains by taking up the variety was ₹57.68 crore.	➢ The adoption rate was 0.005 per cent showing a steady acceptance of the variety.
9	Economic gains by adopting KBN-2 Niger variety	➢ The productivity of the variety was 200kg/acre. ➢ The net gains from the variety was amounting to ₹0.33 crore	➢ The adoption rate stood at 0.043 per cent showing a steady acceptance of the variety.
10	Economic gains by adopting KBSH-78	➢ The yield significantly increased by 500	➢ The adoption rate was 0.03 per cent showing a

	sunflower variety	kg/acre. ➢ The net gains from the variety was ₹143.56 crore	steady acceptance of the variety.
11	Economic gains by adopting KBGA 15 grain amaranth variety	➢ The yield increased by 500 kg/acre. ➢ The net gains from the variety is ₹0.68 crore.	➢ The adoption rate was 0.034 per cent showing a steady acceptance of the variety.
12	Economic gains by adopting GPUL-6 little millet variety	➢ The variety demonstrated a yield improvement of 400 kg/acre. The adoption rate was 0.041 per cent. ➢ The net gains amounting to ₹0.58 crore.	➢ The adoption rate was 0.041 per cent showing a steady acceptance of the variety
13	Economic gains by adopting KBR-1 ricebean variety	➢ The yield per acre of KBR-1 variety consistently exceeded that of the older variety by 200 kg/acre, representing a 33.3 per cent increase in productivity. ➢ The net gains from KBR-1 adoption rose from ₹6,400 in to ₹7,200 over the years.	➢ The adoption rate of KBR-1 is 5.5 per cent, indicating growing farmer confidence in the variety's performance. ➢ The gains from the old variety ranged between ₹19,200 and ₹22,200, while the gains from the new variety ranged between ₹25,600 and ₹29,600 across the years.
14	Economic gains by adopting KMP-220 paddy variety	➢ The area under cultivation steadily increased to 94,800 acres, reflecting a growing adoption rate. ➢ The production using this variety has risen to 227.52 million kg. ➢ The net economic gains from switching to KMP-220 have shown an increasing trend, growing from ₹43.04 crores to ₹77.36 crores.	➢ The yield per acre with the new variety is 2,400 kg, compared to 2,000 kg from the older variety, resulting in an additional yield of 400 kg per acre.
15	Economic gains by adopting KMP-225 paddy variety	➢ The total area under KMP-225 cultivation reached 36,250 acres, with a production of 94.25 lakh kg, significantly surpassing the 54.38 lakh kg produced by	➢ The yield advantage of KMP-225 is evident, producing 2,600 kg per acre, compared to 1,500 kg per acre for the old variety, leading to an increased yield of 1,100 kg per acre (73 per cent

		the old variety on the same land area. ➢ A net gain of ₹81.34 crore was generated for farmers reflecting a substantial profit.	higher productivity). Despite the promising yield performance, the adoption rate remains low at 0.94 per cent, indicating that KMP-225 is still in the early stages of widespread acceptance among farmers.
16	Economic gains by adopting MSN 99 paddy variety	➢ The cultivated area under this variety is 1,04,275 acres, indicating a growing acceptance among farmers. ➢ Total production of the variety is 187.69 lakh kg, whereas the old variety lagged behind with 125.13 lakh kg. ➢ The net economic gains from the adoption of MSN 99 was ₹127.63 crore, reflecting a substantial increase in profitability.	➢ In terms of productivity, MSN 99 exhibited a yield of 1,800 kg per acre, compared to 1,200 kg per acre for the older variety, resulting in a 600 kg per acre yield advantage.
17	Economic gains by adopting GPUBT 2 Brown top millet variety	➢ The total area under this variety is 2,400 acres. ➢ The adoption of GPUBT-2 resulted in a net economic gain of ₹2.12 crore.	➢ The adoption rate is 15.75 per cent. ➢ The yield of GPUBT-2 is 800 kg per acre, compared to 720 kg per acre for the old variety, providing an additional yield of 80 kg per acre (11.1 per cent increase).
18	Revenue Generation at Institute of Baking Technology and Value Addition	➢ A major share of the revenue was derived from the sale of bakery and value-added products (₹ 1,06,22,462), while another significant source of income was through training programs (₹45,53,820) summing the total revenue to ₹151,76,282.	➢ The institute regularly conducts short-term, weekly, and monthly training courses for interested individuals. ➢ These programs are designed to equip participants with entrepreneurial skills, enabling them to establish businesses and improve their livelihoods. Through continuous

			Research and Development, the institute has successfully commercialised 19 value-added bakery products and sold to a range of buyers.
19	**Economic Impact of Production Technologies Released by UAS Bangalore**		
		➢ Impact of UASB released paddy varieties over the **Meenakshi** variety grown by farmers	➢ These 5 varieties of paddy considered for the study generated Rs.1619.48 Crores (Jaya-Rs.498.92 Crores, BR-2655 -Rs.147.27 Crores, MTU 1001-Rs.848.39 Crores, Thanu-Rs.118.23 Crores and KRH-4-Rs.6.67 Crores) of additional benefits during 11 years of study period from 2007-08 to 2017-18 over check variety Meenakshi .
		➢ **Jaya** – Gave (55.58q/ha) 11.71% higher yield and its cost of production was 11.23 % lower than check variety	➢ The additional income and employment opportunities from Jaya were 16.84% and 14.28% over check variety Meenakshi.
		➢ **BR-2655-** Gave (58.25q/ha) 17.09% higher yield and farmers are saving about 4.34% cost in its production compared to check variety Meenakshi.	➢ The additional income and employment opportunities from BR 2655 were 29.68 % and 33.48%
		➢ **MTU-1001** – The yield (48.4q/ha) levels are on far with check variety (2% lower) but cost of production is about 5 % lower than Meenakshi.	➢ Farmers realised 13.59% higher income due to better price realisation and 22.57% of additional employment from MTU 1001 over check variety Meenakshi.
		➢ **Thanu** gave approximately 4% higher yield (51.63q/ha) while cost of production was >10% lower compared to check variety Meenakshi	➢ The additional returns realised from Thanu was 18.85% over Meenakshi and created 20.39% additional manpower employment opportunities.

		➢ **KRH 4** is very popular variety as it given 73.38 q/ha (40% more) and registered about 30 % reduction in cost of production compared to check variety.	➢ About 35 per cent of higher returns and nearly 40 per cent of additional employment opportunities are provided by the KRH
20	Popularisation of UASB released **Ragi** varieties through regular demonstrations, training programs and exhibitions.	➢ Advantages of UASB released **3 Ragi varieties** over control Indaf 9	➢ GPU 28, MR 6 and ML 365 considered for the study gave Rs.1653.35 crores (Rs.1461.17 crores, Rs.63.7 Crores and 128.48 Crores) of additional benefits during 11 years of study period from 2007-08 to 2017-18.
		➢ The yield (22.83q/ha) levels of **GPU 28** are 10 per cent higher and it has 12 % lower cost of production than check variety Indaf 9	➢ GPU is providing 12 % higher returns with some marginal (4%) additional employment over check variety.
		➢ The **MR 6** yield (25.05 q/ha) levels are 20% higher and showed 26 % lower cost of production compared to check variety Indaf 9	➢ It has provided about 26 per cent and 10 per cent of additional returns and man days of employment over Indaf 9.
		➢ The **ML 365** (23.83q/ha) gave 14% higher yield and showed 16 % lower cost of production than check variety Indaf 9	➢ Sixteen per cent and Nine per cent of higher income and employment are realised respectively from ML 365 over Indaf 9.
21	Popularisation of UASB released **maize** cultivars through regular demonstrations, training programs and exhibitions.	➢ Advantages of UASB released **2 Maize cultivars** selected for the study over control Advanta	➢ MAH 14-5 provided Rs.1.28 Crores of additional returns in 2 years ending 2017-18 while Hema gave Rs.13.46 Crores of additional benefits during 11 years of study period from 2007-08 to 2017-18. [Total Rs.14.75 crores].
		➢ The **MAH 14-5** (77.63q/ha) gave 7.6% higher yield and showed 8% lower cost of production than its	➢ This provided about eight per cent of higher income to farmers.

		check considered Advanta	
		➢ **Hema** gave 75.63 q/ha of yield 7.62 % higher over Advanta and saving 7.87% of cost in production.	➢ More than 13 per cent of higher income is realised on sample farms compared to Advanta.
22	Popularisation of UASB released Redgram varieties through regular demonstrations, training programs and exhibitions.	➢ Advantages of UASB released 3 redgram popular varieties over standard check TTB 7	➢ These 3 varieties of redgram considered for the study generated Rs.317.68 crores (BRG-2-Rs.241.77 crores, BRG-4 -Rs.5.10 crores, and BRG-4-Rs.70.81 crores) of additional benefits during study period from 2007-08 to 2017-18.
		➢ **BRG–2** gave (13.45q/ha) 6.32% higher yield and cost of production was 9.66 % lower over check variety TTB 7	➢ Nearly 10 % higher income over check variety was realised by the farmers.
		➢ Farmers cultivating **BRG–4** got (13.84q/ha) 9.41% higher yield and saved 9.26 % cost in its production compared to check variety TTB 7	➢ More than 14% higher income over check variety was realised by the farmers.
		➢ **BRG–5** gave (13.96q/ha) 10.36% higher yield, additionally farmers could save 12.87 % cost of production from BRG 5 over check variety TTB 7	➢ Nearly 13% higher income was realised from BRG 5 over check variety.
23	Popularisation of UASB released **Groundnut varieties** through regular demonstrations, training programs and exhibitions.	➢ Advantages of UASB released **2 groundnut** varieties over standard check TMV 2	➢ The UASB groundnut varieties considered for the study gave Rs.23.54 Crores (K-6 [irrigated]-Rs.22.99 Crores, K-9 [rainfed] - Rs.0.56 Crores) of additional income during study period from 2007-08 to 2017-18.
		➢ The yield of **K–6** (22.73q/ha) was 3.65% higher than	➢ Nearly 9 % higher income over check variety was realised by

		check TMV 2	the farmers from K6 under irrigated conditions.
		➢ The **K-9** variety (12.5q/ha) gave 12.82% of higher yield compared to Check TMV 2	➢ Farmers realised 16% higher income over TMV 2 grown under rainfed.
24	Popularisation of UASB released **Sunflower cultivars** through regular demonstrations, training programs and exhibitions.	➢ Advantages of UASB released **3 Sunflower cultivars** over control Ganga Kaveri	➢ Three sunflower cultivars considered for the study gave additional income of Rs.89.81 crores (KBSH-41-Rs.49.20 crores, KBSH-44-Rs.26.87 crores and KBSH-53-Rs.13.73 crores) during study period from 2007-08 to 2017-18.
		➢ **KBSH-41** gave (19.95q/ha) 10.16% higher yield and its cost of production was 11 % lower over check Ganga Kaveri	➢ Nearly 11 % higher income over check variety was realised by the farmers.
		➢ **KBSH-44** gave (19.25q/ha) 6.29% higher yield and farmers can save 6.95 % on its cost of production compared to Ganga Kaveri	➢ More than 8 % higher income over check variety was realised by the farmers.
		➢ **KBSH-53** gave (19.5q/ha) 7.67% higher yield and 10.84 % reduction in cost of production compared to Ganga Kaveri	➢ About 7 % higher income over check variety was realised by the farmers.
25	Popularisation of UASB released **Sugarcane variety** through regular demonstrations, training programs and exhibitions.	➢ Farmers realised 20 per higher yield and income from **VCF 0517 Sugarcane variety** over control Co-86032 was	➢ The cultivation of **VCF 0517** generated Rs.292 Crores of additional income during study period from 2017-2020. The additional income was about 20 % higher and created nine per cent of additional employment opportunities to handle this additional production.

1. **Economic gains by adopting KMR 630 ragi variety:** KMR 630, a hybrid variety released by UAS Bangalore, demonstrated significant socio-economic benefits to the farming community. The adoption rate increased steadily from 0.004 to 0.129, indicating growing confidence among farmers. The yield increased by 300 kg/acre compared to the old variety, resulting in a substantial rise in net gains from ₹6.23 crore to ₹29.72 crore.
2. **Economic gains by adopting PGCP 6 cowpea variety:** The adoption of the PGCP-6 cowpea variety resulted in significant economic benefits for farmers due to improved productivity and higher market value. The area under PGCP-6 cultivation increased from 1,01,270 acres to 1,17,247 acres, although the adoption rate slightly declined from 51.20 per cent to 47.3 per cent, reflecting an overall increase in total cowpea cultivation. The yield advantage of PGCP-6 is notable, producing 550 kg per acre, compared to 400 kg per acre for the old variety, leading to a 150 kg per acre yield increase (37.5per cent higher productivity). As a result, total production from PGCP-6 increased from 55.7 million kg to 64.49 million kg, whereas the older variety produced significantly less. The economic impact is substantial, as the price per kg for PGCP-6 remained at ₹129.5, while the old variety was priced significantly lower at ₹55.7 and ₹56.8. As a result, the net economic gains from adopting PGCP-6 were around ₹84 crore and around ₹99 crore, demonstrating the clear financial advantage of this improved cowpea variety. The increasing adoption of PGCP-6 suggests that farmers recognize its higher yield potential and profitability.

3. **Economic gains by adopting LBG 791 blackgram variety:** LBG 791, a black gram variety, resulted in an increased yield of 230 kg/acre. The adoption rate reached 3.26, leading to net gains of around ₹56 crore. The consistent performance of this variety helped farmers achieve better incomes and enhanced the overall production of black gram in the region. The gains were calculated from the year after its notification in the gazette because only after notification it reached the seed chain and became available to farmers.

4. **Economic gains by adopting HA 5 field bean variety:** HA 5, a hybrid variety of field bean, exhibited yield improvements of 56 kg/acre. The adoption rate stood at 0.164 and 0.053, reflecting a steady rise in farmer acceptance. The net gains from this variety were ₹2.46 crore and ₹0.87 crore. The gains were calculated from the year after its notification in the gazette, as only after notification it reached the seed chain and became available to farmers.

5. **Economic gains by adopting KC-8 cowpea variety:** KC-8, a castor variety, demonstrated an increased yield of 100 kg/acre, with an adoption rate rising from 0.006 to 0.007 %. The net gain increased from ₹0.66 crore to ₹0.85 crore, reflecting the improved productivity and income for farmers. The gains were calculated from the year after its notification in the gazette because only after notification it reached the seed chain and became available to farmers.

6. **Economic gains by adopting GKVK S-1 sesame variety:** The finger millet variety, improved yield by 20 kg/acre. The net gains amounted ₹0.015 crore. Though the adoption rate was relatively low, the variety offered better yields and quality. The gains were calculated from the year after its notification in the gazette because only after notification it reached the seed chain and became available to farmers.

7. **Economic gains by adopting MAH-14-138 maize hybrid variety**: The variety exhibited remarkable yield improvement of 1500 kg/acre. The adoption rate was 0.003 % and the net gain was ₹31.3 crore. The gains were calculated from the year after its notification in the gazette because only after notification it reached the seed chain and became available to farmers.

8. **Economic gains by adopting RNR-15048 paddy variety:** The variety displayed increased yield by 1300 kg/acre. The adoption rate was 0.006per cent with a net gain of ₹57.68 crore. The gains were calculated from the year after its notification in the gazette because only after notification it reached the seed chain and became available to farmers.

9. **Economic gains by adopting KBN-2 Niger variety:** The variety exhibited a yield improvement of 50 kg/acre. The adoption rate stood at 0.043per cent, with net gains amounting to ₹0.33 crore. The gains were calculated from the year after its notification in the gazette because only after notification it reached the seed chain and became available to farmers.

10. **Economic gains by adopting KBSH-78 sunflower variety:** The variety significantly increased yield by 500 kg/acre. The adoption rate was 0.03per cent, generating net gains of ₹143.56 crore. The gains were calculated from the year after its notification in the gazette because only after notification it reached the seed chain and became available to farmers.

11. **Economic gains by adopting KBGA 15 grain amaranth variety:** KBGA 15, a foxtail millet variety, increased yield by 500 kg/acre. The adoption rate was 0.034per cent, with net gains of ₹0.68 crore. The gains were calculated from the year after its notification in the gazette because only after notification it reached the seed chain and became available to farmers.

12. **Economic gains by adopting GPUL-6 little millet variety:** The variety demonstrated a yield improvement of 400 kg/acre. The adoption rate was 0.041per cent, with net gains amounting to ₹0.58 crore. The gains were calculated from the year after its notification in the gazette because only after notification it reached the seed chain and became available to farmers.

13. **Economic gains by adopting KBR-1 ricebean variety:** The yield per acre of KBR-1 variety consistently exceeded that of the older variety by 200 kg/acre, representing a 33.3 per cent increase in productivity. The yield improvement contributed to a higher production volume across the cultivated area. The adoption rate of KBR-1 is 5.5 per cent, indicating growing farmer confidence in the variety's performance. The higher yield potential and increasing adoption rate directly influenced this growth. Economic analysis shows that the net gains from KBR-1 adoption rose from ₹6,400 to ₹7,200. The gains from the old variety ranged between ₹19,200 and ₹22,200, while the gains from the new variety ranged between ₹25,600 and ₹29,600 across the years, consistently reflecting the positive impact of the new variety on farmers' incomes. The consistent increase in both yield and adoption highlights the economic viability of KBR-1 for ricebean cultivation.

14. **Economic gains by adopting KMP-220 paddy variety:** The area under cultivation of KMP-220 has steadily increased to 94,800 acres, reflecting a growing adoption rate. The production using this variety has risen to 227.52 million kg. This increase in production is attributed to the superior yield potential of KMP-220, which consistently outperforms the old variety. The yield per acre

with the new variety is 2,400 kg, compared to 2,000 kg from the older variety, resulting in an additional yield of 400 kg per acre. The price per kilogram of paddy has increased from ₹18.55to ₹ 20.40, contributing to higher financial returns for farmers adopting the KMP-220 variety. The net economic gains from switching to KMP-220 have shown an increasing trend, growing from ₹43.04 crores to ₹77.36 crores. This improvement is a result of both increased productivity and better market prices.

15. **Economic gains by adopting KMP-225 paddy variety:** The adoption of the KMP-225 paddy variety has resulted in notable economic benefits compared to the previously cultivated variety. The total area under KMP-225 cultivation reached 36,250 acres, with a production of 94.25 lakh kg, significantly surpassing the 54.38 lakh kg produced by the old variety on the same land area. The yield advantage of KMP-225 is evident, producing 2,600 kg per acre, compared to 1,500 kg per acre for the old variety, leading to an increased yield of 1,100 kg per acre (73per cent higher productivity). Despite the promising yield performance, the adoption rate remains low at 0.94per cent, indicating that KMP-225 is still in the early stages of widespread acceptance among farmers. The economic benefits, however, are significant. A net gain of ₹81.34 crore was generated for farmers. However, achieving greater adoption may require improved seed availability, farmer awareness programs, and risk management strategies to address potential challenges such as input costs, climate variability, and market fluctuations.

16. **Economic gains by adopting MSN 99 paddy variety:** The adoption of the MSN 99 paddy variety has demonstrated notable economic benefits, primarily due to increased productivity and higher revenue generation. The cultivated area under this variety is 1,04,275, indicating a growing acceptance among farmers. In terms of productivity, MSN 99 exhibited a yield of 1,800 kg per acre, compared to 1,200 kg per acre for the older variety, resulting in a 600 kg per acre yield advantage. Consequently, total production from MSN 99 is 187.69 lakh kg, whereas the old variety lagged behind at 125.13 lakh kg, respectively. The economic impact of adopting MSN 99 is evident in the revenue gains. The net economic gains from the adoption of MSN 99 was ₹127.63 crore, reflecting a substantial increase in profitability. Despite its clear yield and economic benefits, the adoption of MSN 99 is still relatively low, possibly due to awareness, and risk factors associated with transitioning to a new variety. Expanding its adoption through farmer training, seed distribution programs, and market support could further enhance its economic impact and improve overall paddy productivity.

17. **Economic gains by adopting GPUBT 2 Brown top millet variety:** The adoption of the GPUBT-2 Brown Top Millet variety led to improved productivity and economic benefits. The total area under this variety was 2,400 acres, representing an adoption rate of 15.75 per cent out of the total 15,240 acres under brown top millet cultivation. The yield of GPUBT-2 was 800 kg per acre, compared to 720 kg per acre for the old variety, providing an additional yield of 80 kg per acre (11.1per cent increase). The adoption of GPUBT-2 resulted in a net economic gain of ₹2.12 crore. The adoption of GPUBT-2 has shown promising economic benefits, encouraging more farmers to shift towards this improved variety. However, further expansion may depend on farmer awareness, seed availability, and stable market demand to maximize its potential benefits in the coming years.



KMR-630



PGCP 6



LBG –791



Hebbal Avare -5



KC–8 (KBC–11)



GKVK S-1



MAH–14–138



KBR-1



KBSH 78



GPUL 6



RNR–15048 (Telangana Sona)*



KBN 2



KBGA 15



KMP-220



KMP-225



MSN 99



GPUBT 2

18. **Revenue Generation at Institute of Baking Technology and Value Addition:** A major share of the revenue was derived from the sale of bakery and value-added products (₹ 1,06,22,462), while another significant source of income was through training programs (₹45,53,820) summing the total revenue to ₹151,76,282. The institute regularly conducts short-term, weekly, and monthly

training courses for interested individuals. These programs are designed to equip participants with entrepreneurial skills, enabling them to establish businesses and improve their livelihoods. Such initiatives create a win–win situation, as the institute generates revenue while participants gain the necessary knowledge and expertise to earn sustainable income. The widespread adoption of UAS-Bangalore–released crop varieties has generated substantial economic gains across cereals, pulses, oilseeds, and millets, significantly enhancing farm productivity, income, and regional agricultural growth, while institutional initiatives like the Institute of Baking Technology further strengthened livelihood opportunities through value addition and skill development. To maximize impact, focused efforts are needed to improve seed availability, strengthen extension and awareness programs, and promote market linkages and risk-mitigation strategies, ensuring faster diffusion of high-performing varieties and sustainable income generation for farmers and agri-entrepreneurs.





Skill training on cake decoration by 14 weeks Bakery Technology Trainees





Hands on training for four weeks Baking course

19. **Economic Impact of Production Technologies Released by UAS Bangalore:** The popular 19 varieties of 7 major crops *viz.*, Paddy (5), Ragi (3), Maize (2), Sunflower (3), Groundnut (2) Redgram (3) and Sugarcane (1) and their competing Check varieties were selected for study. Results indicated that the area covered by the UASB released varieties in the study area was about 90 per cent for ragi and sugarcane, 63 per cent for paddy and around 50 per cent for other crops selected for the study. Yield increase of UASB released varieties over their respective check varieties ranged from around 12 per cent in the case of groundnut to 35 per cent in the case of paddy and sugarcane crops. The cultivation of UASB released varieties gave additional returns

Rs.4010.75 crores and additional 407.77 lakh man day of employment compared to their respective check varieties considered for the study.

20. **Economic gains through integrated management of pests and diseases in Tomato:** Integrated approaches involved application of bio control agents such as *Trichoderma harzianum* and *Pseudomonas fluorescens* along with FYM to the soil before transplantation, use of quadruple disease resistant hybrid (Arka Abedh) installation of Wota-T traps, Yellow & Blue Sticky traps, Prophylactic sprays and need based plant protection sprays were provided to manage the pest and disease incidence. The farmers were updated with the scientific know-how of the technology to increase the yield and reduce the pest and disease severity. The farmers reaped a good harvest of tomato @ 67.12 t/ha. Famers realized a net income of Rs. 10,06,125/ha by investing Rs.2,05,336/ha. This boon in returns was because of empowering farmers in adopting integrated management practices for the management of pests and diseases. The farmers were very much satisfied and happy about the returns realized by adopting these practices.

21. **Impact of Viksit Krishi Sankalp Abhiyan -2025:** As a part of the Viksit Krishi Sankalp Abhiyana, the Krishi Vignana Kendra's (07) of UASB-KVKs have organized inauguration programme of VKS Abhiyan on 29.05.2025 at respective KVKs (Bengaluru Rural, Chamarajnagar, Hassan, Chikkaballapura, Mandya, Ramanagara and Tumakuru-I) and inaugurated the VKS Abhiyana through flagging off the Krishi Sankalpa Ratha. In the awareness campaign the Senior Scientist & Heads and Scientists of KVKs, Scientists from different ICAR Institutions *viz*., IIHR, NIANP, NBAIR, NBSS&LUP, NIVEDI, Line departments officials, Other Progressive farmers, DAESI candidates, representatives of SHGs and NGOs, etc were participated in the programme. A total 16 separate teams by involving KVK scientists, ICAR scientists and Line department officials had organized 671 programmes by involving 1,41,664 farmers in 1170 villages from May 29th to 12th June, 2025 and created awareness to farmers on improved agricultural technologies like Improved varieties, seed treatment, importance of soil sampling and testing, micro irrigation systems, use of fertilizers, dairy, apiculture, pest and disease management in horticulture crops and also importance of drone in agriculture. In the interaction session, farmers obtained on spot solutions to their problems.



Director, IIHR distributed seed kits during indoor programme at KVK- Bangalore Rural



DE UAS(B) participated in the VKSA programme at KVK- Bangalore Rural



VKS Abhiyan programme -2025 at KVK - Mandya



VKS Abhiyan programme -2025 at KVK - Tumakuru





VKS Abhiyan programme -2025 at KVK - Mandya

22. **Impact of UAS-B Krishi Santhe:** The Directorate of Extension, UAS-B organized "Krishi Santhe" for the first time in the history of Farm Universities in the State on 22nd June 2024 at its GKVK Campus, Bangalore. The Santhe served as a single platform to showcase products and technologies developed by UAS-B, its KVKs, Agripreneurs, and SHGs. Owing to its success, the Santhe is now held regularly on the fourth Saturday of every month. So far, ten Santhe (April 2025–January 2026) have been conducted, attracting over 21,000–25,000 visitors, with 120–130 exhibitors per event. The turnover increased significantly from ₹9.22 lakh in the first Santhe to ₹22.50 lakh in the ninth event, reflecting strong public support for sustainable and locally produced agricultural products.







The glimpses of Krishi Santhe organized at GKVK, campus

23. **Economic gains through bio-intensive management of pest and diseases in rose**: The technology was spread over in an area of 1200 ha in 30 villages and 620 farmers were adopted the technology. The eco - friendly management of pests and diseases reduced the cost of chemicals with an amount of Rs. 7823/- per ha. and Rs. 47.87 lakhs in the district, and earned Rs. 41.00 crores as an additional income in the Bangalore rural district.
24. **Impact of ARYA training programmes**: The project entitled 'Attracting and Retaining Rural youth in Agriculture (ARYA) sponsored by ATARI, Bengaluru, trained totally 610 rural youths in the enterprises such as Mushroom production, value addition in millets and Jack, Bee keeping, vermicompost production and coconut climbing training programmes. 350 rural youths were established the enterprises and generated Rs. 1,14,812-00 per year / person, and 90-man days were generated per person for one year. Totally Rs. 6,03,15,262 - 00 income generated from all enterprises in the Bangalore rural district.



Bee keeping Skill training programme



Millet based Bakery value added Skill training programme

25. **Impact of Agriculture technology information centre (ATIC):** The activities of ATIC have created a significant impact in strengthening agricultural and horticultural development by ensuring the timely supply of quality inputs and improved technologies to farmers and urban residents. The sale of nearly 4 lakh planting materials of different horticultural crops has promoted crop diversification, improved orchard establishment, and increased adoption of superior university varieties. The distribution of 362 quintals of seeds of maize, sunflower, cowpea, ragi, and other crops helped expand cultivation of improved varieties across 75 acres, thereby enhancing productivity and varietal spread. Further, the supply of 2607 quintals of bio-fertilizers and nutrient mixtures supported balanced crop nutrition, improved soil health and encouraged sustainable farming practices among both rural and urban growers. The dissemination of Kannada literature, including package of practices for various crops, to nearly 29000 beneficiaries' strengthened farmers' knowledge, improved scientific crop management and increased awareness of university technologies. ATIC's demand-driven urban horticulture training programmes have significantly promoted terrace gardening and sustainable urban living. Nine training programmes were conducted for 269 participants. Among them, 21 participants successfully established terrace gardens, improving household nutritional security through fresh and pesticide-free vegetables and fruits. The initiative improved awareness about efficient use of limited urban spaces and encouraged eco-friendly lifestyles, contributing to a greener, healthier and more sustainable urban environment.



Bill payment and seeds purchase



Urban horticulture paid training



Public and farmers purchasing planting material



Visit of students @ ATIC

26. Impact of Pre-Kharif Campaign: All the seven Krishi Vigyan Kendras and Extension Education Unit, Mysore by involving Agricultural Research Stations and Colleges of UAS, Bangalore organized "Pre-Kharif Campaign during the period 2023–2025 at their respective places (Bengaluru Rural, Chamarajnagar, Hassan, Chikkaballapura, Mandya, Ramanagara, Tumakuru-I & Mysore) in collaboration with line departments of the districts on 12th June. A total of 10,695 farmers were participated in the campaign and there were 224 stalls exhibited by involving all the developmental departments. During the programme, farmer - scientist interaction sessions were conducted to provide technical guidance to farmers to take up Kharif Agriculture activities along with exhibition. In the campaign, 2104 consultancy services were provided to farmers, sold 63.20 quintals of quality seeds, 16.57 quintals of other inputs and 6064 plating material of UASB were sold in the campaign. Total amount of Rs. 11,35,719 turn-over was recorded in the campaign. Further, nine videos were developed about the campaign and 1023 WhatsApp messages were shared to 35,651 members followed by 89 twitter messages to 456 members, 127 face book messages were sent to 12,531 members. With respect to mass media coverage more than 46 newspapers covered about campaign including radio and local TV channels.





The glimpses of Pre-Kharif Campaign organized at KVK's

27. Impact of Distance Education Unit (DEU): The Distance Education Unit (DEU) has been offering diploma and certificate courses in agriculture, showing consistent participation and outcomes over the years. In 2021–22, 328 candidates enrolled in the one year Diploma in Agriculture and 26 in PGDA, with 215 and 11 completing respectively, while certificate courses saw moderate enrolment

and completion. In 2022–23, 331 diploma and 14 PGDA candidates registered, with 248 and 7 completions, alongside improved participation in certificate programs such as organic farming and seed production. In 2023–24, enrolments declined to 159 (diploma) and 8 (PGDA), with 109 and 14 completions, while certificate course participation remained limited. In 2024–25, 119 diploma and 11 PGDA candidates registered, with 106 and 9 completing, and certificate courses like integrated farming, beekeeping, and organic farming showing moderate success. For 2025–26, 186 diploma, 4 PGDA, 16 beekeeping, and 28 organic farming candidates have enrolled. Overall, these programs play a vital role in enhancing scientific knowledge and practical skills, improving employability, and promoting entrepreneurship in agriculture, preparing candidates for roles such as field assistants, CRAs, and technical positions in both private and government sectors, while generating approximately 3–4% employment annually among trained candidates.



Distribution of One Year Diploma (Agriculture) Markscard & certificates to the candidates



One year Diploma contact classes conducted at Study centre for the candidates



Exams conducted for One Year Diploma (Agriculture) at KVK, Doddaballapura center



Exams conducted for One Year Diploma (Agriculture) at GKVK

28. Impact of Farm Information Unit, UAS, GKVK: The Farm Information Unit (FIU) at UAS, GKVK, Bangalore has shown a clear and consistent positive impact over the years, with a steady upward trend in its communication, media outreach and digital dissemination efforts. Media-related activities have increased progressively, with growing numbers of press visits, press releases and press coverage each year, reflecting stronger engagement with print and electronic media. The publication of popular and success stories, as well as special articles in newspapers, has also shown a rising trend, indicating continuous efforts to share field-level experiences and practical agricultural innovations with a wider audience. Coordination with TV and radio programmes has expanded over the years, helping in reaching a broader farming community, including those in remote regions. Similarly, support to media personnel for preparing special articles has improved, contributing to more effective

and informative agricultural reporting. A significant positive trend is observed in the dissemination of the Improved Package of Practices in Agriculture. The outreach has reached a cumulative scale of about **2,86,545 farmers and farmer groups through WhatsApp**, with the number of beneficiaries increasing year by year as digital adoption grows. In addition, the Improved Package of Practices in Sericulture has been shared with around **5,550 members** and this outreach is also gradually expanding over time.



Krishimela - 2025 Press Meet organized at UAS(B)



Convocation Press Meet-2025 at Press Club



Krishimela - 2024 Press Meet organized at UAS(B)



Technology outreach through YouTube

29. Impact of Waste to wealth management programmes: Recycling of seri farm residues and bed refuse using waste decomposer consortia promoted circular bio-economy and sustainable waste management among farmers. On an average, 2–3 tonnes of seri waste were recycled annually to produce 1.5–2.0 tonnes of quality compost, reducing chemical fertilizer use by 20–30% and saving ₹4,000–6,000 per hectare. Application of compost improved soil organic carbon, moisture retention, and increased crop productivity by 10–15% with 12–18% higher net returns. The intervention also generated rural employment opportunities, reduced environmental pollution, and promoted eco-friendly organic farming practices for sustainable agricultural development.

30. Impact of Village adoption programme (UASB)

The University of Agricultural Sciences, under the Directorate of Extension, implemented a Village Adoption Programme across all seven Krishi Vigyan Kendras (KVKs) during the period 2021–2025. The primary objective of this programme is to ensure the holistic development of the adopted villages by promoting sustainable agricultural practices, improving livelihoods, enhancing farmers' skills and facilitating overall rural development.

The Village Adoption Programme (VAP) represents a progressive extension methodology aimed at improving the socio-economic status of farm households through systematic transfer of technology and need-based interventions focusing on holistic rural development. Major technological interventions included the promotion of improved crop varieties such as Finger Millet (ML-322, ML-365), Fieldbean (HA-5), Redgram (BRG-3 & BRG-5), along with integrated nutrient and pest management practices of major crops, seed treatment using bio-fertilizer(Trichoderma, Asospirullum, PSB, AMC) improved fodder crops (CoFS-31), vermicomposting and mechanization (Cycle weeder, Coconut climber, Mango harvestor), Plant saplings (Mango, Sapota Jack guava, medicinal plants etc.) all of which contributed to enhanced productivity and sustainability. Soil health management through test-based fertilizer recommendations helped address nutrient deficiencies and increased yields by 15–20%, while also promoting balanced fertilizer use. Demonstrations on nutritious food habits reduced the average annual food expenditure of farm families (Rs.3000-5000/-). Livestock health was strengthened through 21 animal health camps benefiting over 2,590 animals with free treatment for common ailments such as foot-and-mouth disease, parasitic infections and skin disorders. Human health initiatives included free check-up camps for blood pressure, diabetes, vision and dental issues along with medicines and medical advice. Sanitation and waste management efforts in collaboration with the Gram Panchayat involved cleaning drains removing Parthenium, managing plastic waste and promoting decomposer use. Furthermore, convergence of services from departments such as Agriculture, Horticulture, Veterinary, KMF, Health and Gram Panchayats ensured effective and priority-based service delivery to the adopted villages. Overall through VAP there is a significant improvement in adoption of scientific practices like improved seeds , seed treatments using biofertilizers, balanced fertilizer recommendations improved nutrient management resulted in Yield increase of **10% to 30%** and income increase of **Rs.4,400 to Rs.32,490 per acre** over farmer practices.

KVK	Village adopted
KVK Chikkabalapura	Brahmanadinne
KVK Bangalore Rural	Doddarayappanahalli
KVK Hassan	Rampura
KVK Tumkur	Chikkahonavalli
KVK Bangalore South	Hakkinalu
KVK Charamarajanagara	Doddathuppuru
KVK Mandya	B Hulikere



Fieldday of Finger millet ML-322



Coconut dehusker for drydgery reduction demo in village adoption



Capacity building programme on IPM in Redgram



Animal health camp



Cowpea Seed treatment training



Village adoption programme covered in press

31. Impact of Agricultural Sciences Museum

Agricultural Sciences Museum was established in the year 2013 and located near the entrance of GKVK campus in a sprawling area of 923 sq.ft. The main purpose of the museum was to display and disseminate information on agriculture and allied activities systematically through posters, charts, photographs, graphics, models, live specimens and other audio-visual format which has been developed and employed to depict the information convincingly for the benefit of students, farmers and general public. Exhibits related to history of agriculture, scenario of agriculture in Karnataka State, genesis of growth of agricultural university, has been developed and displayed in totally six galleries present in the museum.

Agricultural Sciences Museum one of the biggest and first of its kind in Karnataka State has been started with an aim to showcase the information regarding agricultural and allied activities such as history of agriculture, agricultural scenario, sericulture, apiculture, farm forestry, climate change, farm mechanization, bio-energy, grain storage and extension technologies to the students, farmers and general public. Totally 49,643 people visited the museum in the year 2025-26 and it has generated a revenue of Rs.29,325/-.



Samsidh international school children visited on 22-09-2023



Orientation programme for students





Orientation programme for students and farmers

32. Impact of Farmers Training Institute (FTI)

During 2021–2026, the Farmers' Training Institute has conducted extensive capacity-building programmes with a strong focus on mushroom production, vermicompost and millet processing technologies benefiting a large number of farmers and rural entrepreneurs. Mushroom production trainings were conducted repeatedly, with more than 45 programmes each year, training over 800 participants enabling adoption of low-cost and profitable agribusiness models. Vermicompost production technologies were also widely promoted through around 10 structured trainings, reaching over 250 participants, helping farmers convert agricultural waste into organic manure while improving soil health and generating additional income. In addition, millet is processing and value addition trainings were organized under advanced skill development initiatives, with about 4 major programmes training nearly 100 participants, empowering SHGs and farmers to produce and market value-added millet products. Collectively, these focused interventions have strengthened entrepreneurship, improved nutrition awareness, and created sustainable livelihood opportunities among farming communities.



Demonstrating various systems of water drainage and irrigation methods



Presentation for trainees of Krishisakhi during concluding session of the training programme



Demonstration on soil sampling techniques for trainees



Director Extension addressing the trainees in the training programme

33. Impact of ODOP: One district one product

Established small processing unit & incubation centers at in three KVKs of UASB *viz.,* Chickballapura, Ramanagara and Chamarajanagara to promote secondary agricultural activities under ODOP project.

KVK Chikkabalapura

The Common Incubation Centre (CIC) for tomato, fruit, and vegetable processing established at ICAR-Krishi Vigyan Kendra Chikkabalapura under the "One District One Product" (ODOP) initiative has created significant socio-economic impact in Chikkaballapura district during the last five years. The project, approved on 13th May, 2021 with a grant of ₹2.08 crore, provided a modern platform for tomato growers, Farmer Producer Organizations (FPOs), Self-Help Groups (SHGs), rural youth, and entrepreneurs to undertake value addition and agro-processing activities. Establishment of the processing line and food testing laboratory improved access to scientific processing, quality assurance, packaging, and food safety compliance facilities within the district. The CIC promoted entrepreneurship development and generated direct and indirect employment opportunities in processing, packaging, marketing, transportation, and allied sectors. Capacity-building programmes organized during 2024 enhanced the technical knowledge and business skills of farmers, SHGs, and FPO members in value addition, branding, and enterprise management. The processing facility strengthened the horticultural value chain by reducing post-harvest losses, improving shelf life of tomato and vegetable products, and enabling better market linkage for producers. Availability of modern processing infrastructure encouraged adoption of improved processing technologies and promoted small-scale agro-based enterprises in rural areas. The unit also contributed to enhancement of farmers' income through value-added products such as tomato puree, sauces, and processed fruit and vegetable products, thereby improving livelihood security and socio-economic status of beneficiaries. Operationalization of the unit through Girish Enterprises during 2025 ensured effective utilization of

the facility and promoted sustainable business opportunities in the district. Overall, the CIC emerged as an important institutional platform for rural industrialization, employment generation, entrepreneurship promotion, and strengthening of the horticultural economy in Chikkaballapura district.

KVK Bangalore South

The Common Incubation Facility (CIF) for coconut processing at ICAR–KVK, Bangalore South (**Ramanagara**) located at Chandurayanahalli was established to promote value addition and entrepreneurship among farmers by providing infrastructure for processing products such as virgin coconut oil (VCO), coconut milk, coconut milk powder, desiccated coconut powder, and low-fat desiccated coconut powder. Set up with an approved cost of ₹2.64 crore under the PMFME scheme, the facility became operational on 02.04.2026 with the establishment of a food testing laboratory, and its operations and maintenance are managed by M/s Cocoman India LLP (engaged from 28.08.2025). The unit is equipped with specialized machinery and laboratory facilities for quality control, supported by scientific guidance from ICAR-CPCRI experts, with a monthly processing capacity of 5 tons of desiccated coconut powder, 3 KL of VCO, 2.5 tons of coconut milk powder, 10 KL of coconut milk, and 3 tons of low-fat desiccated coconut powder. The facility follows a user-charge system where incubates bear operational costs such as raw materials, water, electricity, and labour, and it provides hands-on training and exposure to both processing technologies and marketing, thereby enabling farmers and entrepreneurs to enhance income through coconut-based value-added products.

KVK Chamarajanagara

ICAR-Krishi Vigyan Kendra, Chamarajanagara Turmeric processing unit established under the "One District One Product" (ODOP), CIC for Turmeric value-added products Approval date: May13, 2021, Funding & cost: Approved grant of Rs. 1.43 Crores, Opportunity: Provides a venue for Turmeric growers to create value-added products.Equipment installation and food testing laboratory established were compted by 2025, concent to operate taken from Pollution control Board, Installation completed, MoU done with contractor operations were officially handed over to "M/s. Sri Lakshmi Devi FPC" on 10th March, 2025, Turmeric value added products The units focuses on Turmeric processing viz., washing, boiling, drying , polishing and powder to double the farmers income by producing 70 tonnes of turmeric powder worth of 1.8 crore rupees in Chamarajanagara

Glimpses of ODOP processing Unit at KVKs










34. Staff Training Unit (STU)

In India, about 2.82 lakh agri-input dealers serve as the primary source of farm information for farmers. Since most dealers lack formal agricultural education, the National Institute of Agricultural Extension Management (MANAGE) launched the one-year Diploma in Agricultural Extension Services for Input Dealers (DAESI) programme in 2003 to develop them as para-extension professionals and strengthen agricultural extension services. At STU, Directorate has SAMETI (South) which is responsible for ongoing DAESI programs with the help of NTI (KVKs, EEU, FTI, etc.). A total of 136 DAESI batches have been conducted during the period 2021–2026. The programme was conducted mainly for agriculture input dealers. The DAESI programme is very much useful for agriculture input dealers to start their own shops to become entrepreneur across the state. A total 5,560 dealers were trained in 136 batches at 46 Nodal training institutes to upgrade their knowledge and skills and 2684 were started their own business in the field of Agriculture and allied activities. An average of 50 percent candidates started their own input shops, 20 percent candidates were got employed and remaining 30 percent of the candidates started their own enterprises



Distribution of DAESI certificates to the candidates



Hands in training to input dealers under DAESI Programme



Director of Extension addressing the DAESI candidates



Inauguration of DAESI programme @ VC. Farm Mandya

35. Impact of Compost tea technology: Compost tea, is a fermented value addition of farm yard manure-compost, and is a biodynamic suspension rich in beneficial microorganisms, bacterially synthesized phytohormones and available N, P, K. The treatment of crops with Compost tea has shown significant control of fungal diseases and has enhanced both biomass and crop yield. This technology has been included in the package of practice for potato and groundnut at UASB. The technology has been adopted by farmers in agroclimatic Zone 6, 7 (Hassan district, Channarayapatna districts in potato crop) and in Zone 4- Kolar district, Dodaballapur districts for groundnut. Several hundreds of farmers show interest in this ecofriendly, simple technology from across Karnataka during Krishi mela every year. The technology also is being promoted via the ARS and KVKs of the University.

36. Impact of Jackfruit varieties released from UAS Bangalore

Three Jackfruit varieties have been released from UAS Bangalore during the period from 2019-2020 to 2023-24 at State and Central level through State Varietal Release Committee and Central Varietal Release Committee, respectively. The varieties released are

1. Lalbaugh Madhura
2. Byrachandra
3. GKVK Red

These varieties are early bearing (bears fruits within 3.5 years from planting date), high yielding, suitable for ripe fruit purpose as well as for value addition. These varieties have spread in Karnataka, Andhra Pradesh, Tamilnadu and Kerala. These are most suitable for dry land Horticulture with few protective

irrigations. The varieties are planted in pure crop orchards as well as in mixed cropping pattern with other minor fruits. Area expansion is more in areas such as Doddaballpura, Kolar, Chikkaballapura, Ramanagara, Tumkur, Mysore, Hassan and Chitradurga.

Jackfruit variety Lalbagh Madhura bears fruits early in the season and ripe fruits will be available be December and January itself. The fruits are suitable for both fresh fruit and vegetable purpose. Hence, the area under this variety is increasing and it would be more than 2000 acres in all the above states put together. Similarly the Jackfruit variety Byrachandra is also an early bearing variety (3.5 years) and bears fruits twice a year, once in April- May and again in Sept to December. The fruits are suitable for both table purpose and value addition purpose, especially for vegetable purpose. In view of these advantages, the variety has a spread of more than 1500 acres.

Further, the GKVK Red variety released under Red colour flakes segment, it is also early bearing (3.50 years) , with profuse yields by 8 to 9 years. The fruits are oblong and borne in bunches. Hence, the fruits can be thinned after 4 weeks and can be used for vegetable purpose. The area under this variety more compared to above varieties. It would be around 2500 acres.



Jackfruit: Byrachandra



Jackfruit: GKVK Red Jack

Impact of Agri Innovation Centre, UASB

Agri Innovation Centre, UASB – Overview, Organization structure & Impact

The Agri Innovation Centre (AIC) at the University of Agricultural Sciences, Bangalore (UASB), established in 2017 at the GKVK campus, serves as a dynamic hub for fostering innovation and entrepreneurship in agriculture and allied sectors. Designed as an umbrella platform, the Centre nurtures ideas from agriculture graduates, farmers, rural youth, researchers, and aspiring entrepreneurs, transforming them into scalable and impactful agri-solutions.

Facilities established at Agri Innovation Center, UASB: State-of-the-art laboratory infrastructure has been established at the Agri Innovation Centre, UASB, with funding support from BIRAC, DBT, Government of India under the BioNEST scheme. The centre houses a dedicated incubation facility spanning 12,500 sq. ft., designed to support innovation and entrepreneurship.

The infrastructure includes a fully equipped instrumentation room with molecular and microbial analysis facilities, a common laboratory accessible to incubated start-ups, cold room and a tissue culture laboratory. Additional facilities comprise shared office spaces, mini chambers, an industrial shed, mist

chamber and a shade net house collectively providing a comprehensive ecosystem for research, development, and technology validation.

Impact

The Agri Innovation Centre, UASB has created measurable impact across the agri-innovation ecosystem:

- **Infrastructure:** 12,500 sq. ft. dedicated incubation space for start-ups with advanced laboratory and office space
- **Start-ups Supported:** 80+ start-ups, including 35 women-led ventures from handholding ideation to commercialization
- **Capacity Building:** 70+ programs conducted, benefiting over 23,000 entrepreneurs
- **Technology Development:** 77 technologies developed and supported
- **Intellectual Property:** 12 IPs facilitated
- **Funding Mobilized:** ₹3,520 lakhs raised by incubation centre & start-ups
- **Employment Generation:** 1,000+ jobs created through the Incubated Start-ups and **40+** created job opportunities for **UASB students** through incubated start-ups and Incubation centre
- **Student Innovation Promotion:** The Centre actively promotes student-led innovation through competitions, awareness programs, and access to funding opportunities. Till date centre has supported 15 student ideas with seed support of ₹25,000 per idea through project and facilitated industry sponsorships
- Postgraduate students of UASB are placed with incubated start-ups in alignment with their domain expertise, generating employment opportunities while strengthening industry–academia collaboration
- **Farmers & FPOs:** AIC has implemented Agri Accelerator Programs for Farmer Producer Organizations (FPOs), training over 150 FPO representatives in business development, branding, and market access in collaboration with the Karnataka State Department of Agriculture
- AIC-UASB has been actively training rural entrepreneurs and farmers on innovation and entrepreneurship opportunities in agriculture, enabling them to build sustainable livelihoods while reducing dependence on urban employment and addressing rural unemployment in Karnataka
- Technologies developed by AIC-supported start-ups have reached farmers' fields, contributing to improved crop yields, reduced pest and disease losses, and enhanced farmer livelihoods through sustainable and technology-driven practices
- Incubated start-ups are providing indigenous agriculture drone services for farm operations and field-validated technology solutions to farmers, supported and endorsed by the University, thereby ensuring reliability, scalability, and tangible impact.
- Incubated start-ups have developed a novel and innovative bio-inputs, which are validated through multi-location trials across diverse agro-climatic conditions. These solutions are specifically designed to address critical crop challenges such as pest and disease management, soil health improvement, and yield enhancement, ensuring both effectiveness and field relevance.
- Through the deployment of these advanced technologies and solutions, start-ups have successfully reached over 5 lakh hectares of farmland, positively impacting nearly 9.23 lakh farmers.
- Farm machinery technologies developed by start-ups are effectively addressing critical labour shortages in agriculture, particularly for small and marginal farmers. Women-friendly and drudgery-reducing designs, ensuring improved ergonomics, safety, and ease of use.

Glimpses of Events organized by AIC UASB







Pioneering Opportunities and Startup Ventures for 3rd Year B.Sc. (Hons.) ABM



e-YUVA student funds orientation programme for UG and PG students



Workshop -India & UK Agri Acceleration Programme for startups



Global Bio India Road Show on Investment opportunities for Agri Startups



Global Bio India- Shaping a Resilient Startup Ecosystem: Symbiosis of Industry – Incubator –Startup



Strengthening the Performance of Farmer Producer Organizations (FPOs) by Encouraging Agriculture Sector Startups through Agri-Accelerator Platforms (Batch 1)



Innovative Startups Competition in Agriculture 2025-as part of PG Science Week



Strengthening the Performance of Farmer Producer Organizations (FPOs) by Encouraging Agriculture Sector Startups through Agri-Accelerator Platforms(Batch 1)- Visit to Rajagatta FPO



Agri Automation and Machine Control training in association with CIDSA



Techniques of Plant Tissue Culture and Potential Entrepreneurship Opportunities

6.6.9.5. International Collaboration

Collaborative ventures with leading international scientific institutions were made for undertaking collaborative research of mutual interest and students & faculty academic exchange programme. During 2016-2020, UASB executed **19 MoUs** for research and academic collaborations with International Institutions as detailed below.

Sl. No.	Year	Name of the international organization	Name of the agency/ University / Institute	Type of collaboration (Academic / Research/ Others)
1	2021-22	1. Scientific and technical collaboration on Rice Research	International Rice Research Institute, Philippines	Research
		2. Inter Institutional agreement- for student academic ERASMUM Programme	University of Kessel, Germany	Academic
		3. Maize Double Haploid Facility at the Agricultural Research Station (ARS)-	CIMMYT-International Maize and Wheat	Research

		Kunigal	improvement Centre, Mexico	
		4. For mutual collaborations in academic, research and faculty and student exchange programme	Federal University Wukari, Nigeria	Academic & Research
2	**2022-23**	1. For collaborative academic, research and outreach activities	Dalhousie University, Canada	Academic & Research
		2. Partnership agreement for dual degree programme and joint research and academic programmes.	Western Sydney University, Australia	Academic & Research
		3. For mutual collaborative research, academic and exchange of faculty, students and pedagogical staff.	University of Greenwich, Chatham, UK	Academic & Research
3	**2023-24**	1. Project Partnership Agreement- for seed transmission operation cost on student research	University of Greenwich, UK	Research
		2. Seed transmission of Begomo viruses in cucurbits	University of Greenwich Natural Resources Institute Medway Campus, Central Avenue Chatham Maritime, Kent, ME4 4TB	Research
		3. For mutual collaborations in academic, research and faculty and student exchange publication	University of Saskatchewan, Canada	Academic & Research
		4. Consortia Agreement-Adoptive rice cultivation for a changing climate	Wageningen University and Research (Indo-Netherlands Research Collaboration, Dept. of Bio-tech., GoI)	Research
		5. Programme funding agreement to promote projects in the areas of sustainable agriculture, food security and self-sufficiency, through education to small scale farmer sin Africa Asia and Latin America	Louis Dreyfus, Paris, France	Academic
		6. Collaboration for mutual exchange of students, faculty and research, organizing the	Louisiana State University Agricultural	Academic & Research

		joint research projects, academic seminars and exchange of scholarly materials, reports and related activities.	Centre, USA	
		7. Renew of ERASMUS Programme for students and faculty exchange in economics, ABM and extension.	University of Kessel, Germany	Academic
		8. For mutual cooperation in the field of agricultural research and education	UASB-ICAR-Western Sydney University, Australia	Academic & Research
4	**2024-25**	1. Independent Contactor Agreement- payment of compensation/ fund on performance of services related to assessing the efficacy of biological control agents in IPM of fall armyworm across diverse agricultural setting in India	State of North Carolina University, North Carolina	Research
5	**2025-26**	1. For mutual cooperation in academic, scientific and technical programmes	University NESP, Brazil	Academic
		2. Collaborative academic programme and research activities along with faculty students sharing	Texas Tech University, USA	Academic & Research
		3. Identification of sources of resistant to rust and root rot diseases from cowpea core collection	Krikhouse Trust, SCIO, UK	Research

Key Outcomes of Collaborations

1. The Indo-German collaborative project on the rural–urban interface of Bangalore contributed significantly to sustainable peri-urban agriculture by developing integrated solutions such as improved soil and water management, nutrient recycling through waste reuse, pollution monitoring frameworks, and biodiversity conservation measures including pollinator habitat enhancement. The project strengthened scientific capacity through 6+ scientific and outreach events and generated evidence-based policy recommendations to support sustainable urban agriculture and resilient agroecosystems. Across all clusters, a total funding of ₹896.93 lakh facilitated the procurement of 15 equipment units and training of 89 personnel. Overall, the initiatives produced 96 publications (Research papers, conference/seminar presentations, and books/chapters), demonstrating strong research output, capacity building, and impact on sustainable resource management in rapidly urbanizing regions. Importantly, the project generated evidence-based policy recommendations to support sustainable urban agriculture, ultimately contributing to the development of resilient, resource-efficient, and environmentally sustainable agroecosystems suitable for rapidly urbanizing regions.

2. The collaboration with M/s TruCapsol LLC, Bethlehem, Philadelphia, USA led to significant advancements in understanding the biochemical composition of seed coats for developing biodegradable encapsulation membranes. The study revealed that coloured seed coat genotypes in maize and soybean exhibit superior ageing tolerance due to higher levels of phenols, tannins, and antioxidant enzymes compared to colourless genotypes. It also identified inter-crop differences, with maize showing higher concentrations of these compounds than soybean, and highlighted structural and biochemical variations between soybean genotypes (Bhatt vs. JS-335). The collaboration resulted in 5 research publications, 1 International conference paper, 2 popular articles, and 1 book chapter contributing substantially to knowledge generation in seed biology, stress physiology and sustainable agricultural technologies.
3. The collaboration with the International Rice Research Institute strengthened rice research and capacity building at the University of Agricultural Sciences, Bangalore. It enabled access to a subset of the 3K rice genotype panel, which was screened for major biotic stresses and agronomic traits, leading to the identification of four lines resistant to brown planthopper (BPH) and five lines resistant to rice blast disease, along with haplotypes associated with weed competitiveness. The partnership also provided advanced, skill-oriented training for Dr. Marappa and facilitated technical support for establishing a Centre of Excellence in Rice Breeding, with financial support from the Government of Karnataka, thereby enhancing institutional capability and advancing the development of resilient rice varieties for sustainable production.
4. The collaboration between the University of Agricultural Sciences, Bangalore and Western Sydney University under the Australia India Water Centre has led to significant academic achievements, including the award of a dual PhD in Entomology to Dr. Sanjay Pradhan, establishing a benchmark in international research training and collaboration. The program continues to build capacity with two additional scholars currently enrolled in the dual doctoral program. Furthermore, the collaboration has facilitated advanced research progression, with Dr. Pradhan pursuing postdoctoral research internationally, strengthening global research linkages and enhancing expertise in the field.
5. A Project Partnership Agreement was established on 3rd May 2023 between the University of Greenwich (Natural Resources Institute, Kent) and the University of Agricultural Sciences, Bangalore to investigate the "Seed transmission of begomoviruses in cucurbits," with a project duration from May 2023 to April 2025 and a total funding of £8,000. The study aimed to examine the transmission potential of the Tomato leaf curl New Delhi virus in major cucurbit crops cultivated in South India. The results demonstrated that although the virus was detectable in seeds of bitter gourd, ridge gourd, and pumpkin specifically in certain seed tissues it was not transmitted through seeds under experimental conditions, which contrasts with findings reported for other viral isolates. The project facilitated scientific dissemination through two national conference presentations and one research manuscript and also supported student exchange activities. These findings contribute significantly to the understanding of virus epidemiology and provide a scientific basis for improving disease management strategies in cucurbit production systems.
6. The collaboration between the University of Agricultural Sciences, Bangalore and the University of Saskatchewan established a long-term academic and research partnership focused on developing sustainable bioenergy technologies and biogas-based rural energy solutions to support climate resilience, circular economy, and farmer livelihoods in India and Canada. The initiative promotes decentralized bioenergy systems for rural communities and includes the establishment of pilot and demonstration plants for on-farm power generation. It also strengthens academic exchange and capacity building through faculty training and student internships. The collaboration was further reinforced by the visit of an engineering delegation led by Dean Dr. Bradley, along with

representatives from the Office of the Vice President (Research) and International Research Office, to the College of Agricultural Engineering and Centre of Excellence at UAS, Bengaluru on March 21, 2025. In parallel, the collaboration between Agriculture and Agri-Food Canada and UASB achieved a major scientific milestone with the development of a comprehensive gene expression atlas of little millet (genotype JK-8), covering ten tissues across different developmental stages and made accessible through an eFP browser for interactive visualization. This resource provides critical insights into gene function and regulation, supporting crop improvement and functional genomics research. The collaboration also resulted in two high-impact joint publications in *Nature Communications* (NAAS 20.00) and *The Plant Journal* (NAAS 12.00), highlighting its strong contribution to global scientific advancement.

7. The collaboration between the University of Agricultural Sciences, Bangalore and the Louisiana State University Agricultural Center, USA created new international training opportunities through the Hands-On Training (HoT) initiative. For the first time, three UASB students successfully completed three-month research internships at LSU, gaining valuable global exposure and practical research experience. The programme continued to expand, with two additional students selected in 2026, reflecting sustained collaboration, enhanced skill development, and strengthening of international research and academic linkages.
8. The collaboration under the ERASMUS+ Mobility Programme between the University of Agricultural Sciences, Bangalore and the University of Kassel has significantly enhanced international academic mobility and research capacity. A total of six master's students from diverse disciplines successfully completed their Winter Semester 2024 coursework at the University of Kassel, with one student securing a Research Associate position in organic farming focusing on seed-borne diseases. Additionally, two doctoral candidates and one master's student were selected for advanced research training under the Summer 2025 Mobility Program, with one doctoral scholar progressing to a postdoctoral position within the Indo-German project. The programme has continued to expand, with one PhD student selected in 2025 and two more students selected in 2026, reflecting sustained academic exchange, skill development, and strengthening of international research collaborations.
9. The collaboration with North Carolina State University led to the establishment of a Postdoctoral Fellowship Program in the Departments of Entomology and Plant Pathology at UASB, initiated in 2024. This program, supported by NCSU, aims to promote advanced research, strengthen academic exchange, and foster long-term collaboration, thereby enhancing scientific innovation and capacity building between the two institutions.
10. The Australian Consulate General strengthened institutional collaboration with the University of Agricultural Sciences, Bangalore and enhanced engagement with the Australian government. As part of this initiative, a research project was funded at UASB, along with support for a specialized short course on Agriculture and Food Security for Dr. Rajendra Prasad B S. This collaboration facilitated the exchange of research ideas, capacity building, and the implementation of innovative approaches, thereby reinforcing international academic and research partnerships.






Hon'ble Agriculture Minister, GoK visited IRRI campus to strengthen the Centre of Excellence in Rice Breeding setup at Mandya Campus



Dr. Sanjay Pradhan awarded PhD degree from Western Sydney University under dual degree collaboration programme



Mr. Kotresh undergoing PhD research at Western Sydney University under dual degree programme



Dr. Rajendra Prasad B S visited Australia with support for a specialized short course on Agriculture and Food Security



UAS (B) Masters students in collaboration with Univ. of Kassel, Germany under ERASMUS+ Mobility Programme



Sakshi Jha with Dr. Chien-Yu Huang



Dr. Raj Singh with Chandana Manjunath





Dr. Abdulkadir Dalha Isa, Shubham Jaiswal with Dr. Sara Thomas-Sharma.
Three UAS (B) undergraduate students conducted a 3-month internship (April-June) in PPCP at Louisiana State University Agricultural Center, USA

Foreign National Students Admitted

During the reporting period (2021-22 to 2025-26), 16 foreign national students from different countries have admitted to various Under Graduate (3 students) and Post Graduate (6 students) programmes and Doctoral degrees (7 students).

Abstract of year-wise admission of foreign nationals from 2021-22 to 2025-26

Year	No. of Foreign Students Admitted			
	UG	PG	Ph. D.	Total
2021-22	1	1	3	5
2022-23	-	-	2	2
2023-24	-	-	-	-
2024-25	-	1	-	1
2025-26	2	4	2	8
Total	**3**	**6**	**7**	**16**

Details of Foreign National Students admitted to PG programmes at UASB

Sl. No.	I.D. No.	Name of the student	Department	Country
I Ph.D.				
1.	PAMB 5001	Gladys Jepchirchir Koech	Agri-Business Management	Kenya
2.	PAMB 5049	Basel Alashkar	Horticulture	Syria
III Ph.D.				
1.	PAMB 2026	Mhihammed llyas Khatibi	Agronomy	Afghanistan
2.	PAMB 2066	Mashhoodullah Samadi	Horticultural	Afghanistan
Jr. M.Sc. (Agri.) / M. Tech.				
1.	PAMB 5102	Alnazier Haroun Ibrahim Atiem	Agronomy	Sudan
2.	PAMB 5114	Sreya Rani Biswas	Agronomy	Bangladesh
3.	PAMB 5251	Adase Emmanuel	Processing and Food Engineering	Ghana
4.	PAMB 5252	Anindita Pramanik	Processing and Food Engineering	Bangladesh
Sr. M.Sc. (Agri.)				
1.	PAMB 4128	Aashik Khanal	Plant Pathology	Nepal



Foreign Nationals admitted to PG programmes at UASB

6.6.9.6. Fund Raising through CSR

The University has received Corporate Social Responsibility (CSR) funds by several corporate organizations to support academic, research, extension, and infrastructure activities. CSR funding has helped to establish modern laboratories, research facilities, demonstration units, and farmer training centres, thereby enhancing the quality of education and innovation. These funds also support community outreach programs, skill development initiatives, sustainable agriculture projects, student training, and technology transfer activities that directly benefit farmers and rural communities. Through collaboration with industries and corporate organizations, CSR initiatives enable the University to bridge the gap between research and societal needs while promoting sustainable agricultural and rural development. Overall, University has received 10378.33 lakhs funds from corporate sector for various activities in last five years. The details of the funding agencies, total corporate funds received and activities carried out is detailed below.

Year	Total of Corporate funding received (in lakhs)	Purpose /Activities carried out	Funding Agency
2021-22	200	Installation of Solar panels	Karnataka electricity regulatory commission, Bangalore
2022-23	185	Establishment of UASB HAL Centre for Bioenergy Research	Hindustan Aeronautics Limited, Post Bag No. 1703, Bengaluru
2022-23	219	Establishment of HAL-UASB Testing Laboratory & Holistic Entrepreneurial Skill Development Centre in Beekeeping	Hindustan Aeronautics Limited, Post Bag No. 1703, Bengaluru
2023-24	39.00	Strengthening the biofuel feed stock supply chain with community participation in Bangalore, Tumkur, Ramnagar and Chikkaballpura Districts of Southern Karnataka	M/s. Honda Trading Corporation India Pvt. Ltd. No. 317, 2nd Floor, 100 Feet Road, Indiranagar 1st Stage Bengaluru
2023-24	34.86	Fostering entrepreneurship in sunflower hybrid seed production among rural youth	M/s. Honda Trading Corporation India Pvt. Ltd. No. 317, 2nd Floor, 100 Feet Road, Indiranagar 1st Stage Bengaluru
2023-24	9350	Centres for Innovation & Development in Smart Agriculture	Hexagon Manufacturing Intelligence
2024-25	30.62	Louis Dreyfus Foundation Scholarship to UG students	Louis Dreyfus Company (LDF)
2024-25	39.00	Strengthening the biofuel feed stock supply chain with community participation in	M/s. Honda Trading Corporation India Pvt. Ltd. No. 317, 2nd Floor, 100 Feet Road, Indiranagar 1st

		Bangalore, Tumkur, Ramanagara and Chikkaballpura Districts of Southern Karnataka	Stage Bengaluru
2024-25	44.00	Establishment of modern seed storage facility at ARS Nelamakanahalli	Sakata Seed India Pvt. Ltd. Plot no,119/119A, Obadenahalli, 3rd phase, KIADB Industrial Area Doddaballapura taluk, Bengaluru rural district
2024-25	45.00	Utilization of agricultural biomass waster for production of biochar enhancing organic carbon in soil and sequestering carbon at GKVK- under Corporate Social Responsibility fund	M/s. Honda Trading Corporation India Pvt. Ltd. No. 317, 2nd Floor, 100 Feet Road, Indiranagar 1st Stage Bengaluru
2024-25	14.25	Biodiversity Enrichment in GKVK campus through Afforestation	HDFC Bank Ltd. Techno Campus building -Beta, 3rd Floor Kanjur marg (E), Mumbai.
2024-25	19.18	Upgradation of Seminar Hall in Department of Soil Science	Karnataka soaps & detergents limited
2024-25	34.97	Sponsoring of Honda India Power Products	M/s. Honda Trading Corporation India Pvt. Ltd. No. 317, 2nd Floor, 100 Feet Road, Indiranagar 1st Stage Bengaluru
2024-25	10.00	Biodiversity enrichment through tree planting in the College of Agriculture, Hassan campus	HDFC Bank Ltd. Techno Campus building -Beta, 3rd Floor Kanjur marg (E), Mumbai.
2024-25	14.25	Planting of biofuel Seedlings in Hassan District	M/s. Quadragen Vethealth Pvt. Ltd. No.1/1, 1st Floor, 'Akka Complex' 14th Cross, 5tg Main, R.M.V., 2nd Stage Dollars Colony, Bengaluru
2025-26	15.00	Establishment of artificial intelligence and machine learning lab at UAS, Bangalore	Centre for Cellular and Molecular Platforms, GKVK post, Bellary road, Bangalore
2025-26	4.20	Upgradation of landscape garden at North block, UAS, GKVK, Bangalore	Centre for Cellular and Molecular Platforms, GKVK post, Bellary road, Bangalore
2025-26	15.00	Purchase of Desktop computer	Karnataka soaps & detergents Limited
2025-26	40.00	Strengthening innovation and awareness on biofuel, biomass & bioenergy for social impact	M/s. Honda Trading Corporation India Pvt. Ltd. No. 317, 2nd Floor, 100 Feet Road, Indiranagar 1st Stage Bengaluru

2025-26	25.00	Electrical Buggies-A means for eco-friendly transformation facility at UAS, Bangalore	New Space India Limited (NSIL)
Total	**10378.33**		

6.6.9.7. Alumni Support

Does the University have the active alumni association: **Yes**

The Alumni Association of the University of Agricultural Sciences, Bangalore (UASB), established in 1989, has over 14,000 members, including graduates from agriculture, horticulture, and veterinary sciences. More than 300 alumni hold key positions in *IAS*, *IFS*, *IPS*, and Karnataka Administrative Service, while many serves as scientists, professors, extension specialists, or work in government departments, banks, NGOs, and private organizations. Several alumni have also become entrepreneurs and policymakers, with some holding international roles. These successful alumni are associated with the alma matter to guide and motivate the graduating students towards achieving their career goals.

How much fund the Association has raised for the development of the University?

The association has raised 27,38,274 rupees and has assisted in various developmental activities of the University.

What the other areas where the Association is supporting to the University?

The Alumni Association of UASB supports the University of Agricultural Sciences Bangalore as detailed below:

- Infrastructure Development: The Association mobilized funds from alumni and donors and constructed a modern three-storey building on the Hebbal campus with conference halls, dormitory, library, board room, and administrative facilities.
- Student Financial Support: It provides scholarships, prizes, and monetary assistance to deserving students to support their academic pursuits.
- Academic Interaction: The Association facilitates interaction between alumni, students, and faculty through meetings, guest lectures, and professional networking.
- Organizing Conferences and Seminars: It regularly organizes national and international conferences, seminars, and technical programs related to agriculture and allied sectors.
- Farmer Training and Outreach: Several programs are conducted for farmers, students, and the general public to promote improved agricultural technologies and practices.
- Promotion of Integrated Farming Systems: Through awards and recognition programs, the Association encourages farmers to adopt sustainable and integrated farming practices.
- Entrepreneurship and Start-ups: The Association promotes agri-entrepreneurship by supporting agricultural start-ups, agri-consultancy services, and innovative farming enterprises.
- Knowledge Dissemination: It arranges study tours, exhibitions, publications, and educational activities to enhance knowledge in agriculture and rural development.
- Collaboration with Organizations: Various agricultural organizations, FPOs, and start-ups operate from the Association's building, strengthening institutional collaboration.
- Support for Agricultural Innovations: The Association promotes initiatives such as waste-to-wealth, agri-eco-tourism, biotechnology in farming, and direct marketing of farm produce to improve farmers' income and rural livelihoods.

Details of fund raised and areas of Alumni Association support to the University during the reporting period

The association actively supports university activities, contributing generously to student initiatives.

Sl. No.	Year	Fund Raised for University Development	Areas of Alumni Association support to the University
1	2021-22	Rs.96,000/-	**Animal health campaign** Alumni Association supported financial and technical assistance towards animal health camps as part of RAWEP organized in all five campuses of UAS (B) namely Chikkaballapura, Hassan, Chamarajanagar, Mandya and Bangalore.
		Rs.5,000/-	**Special lecture** A special lecture by Dr. Raveesh, B.N., Professor and Head, Dept. of Psychiatry, Mysore Medical College and Research Institute, Mysuru on 25-5-2021 on the topic Mental Health during Covid-19 Pandemic through Zoom webinar for the benefit of students of UAS(B) and Alumni members.
		Rs.29,500/-	**RAWE work diaries** The Alumni Association sponsored 1000 RAWEP dairies to all the final year UG students of Rural Agricultural Work Experience Programme (RAWEP) of all the constituent college of UAS, Bangalore.
		Rs.27,000/-	**Student scholarship** The Alumni Association awarded scholarships to three UG students of UAS(B).
		Rs.22,550/-	**Sponsored high tea at convocation** Hosted High Tea on 20-09-2021 to graduating students, parents, dignitaries and staff on the occasion of 55th Convocation rehearsal Day.
	Total	**Rs.1,80,050/-**	
2	2022-23	Rs.42,504/-	**RAWE work diaries** The Alumni Association sponsored 1100 RAWEP dairies to all the final year UG students of Rural Agricultural Work Experience Programme (RAWEP) of all the constituent colleges of UAS, Bangalore.
		Rs.58,581/-	**Sponsored high tea at convocation** On the occasion of 56th Convocation of UAS, Bangalore held on September 9, 2022, the Alumni Association hosted High Tea to the graduating students, parents and staff of the University on rehearsal day September 8, 2022.
		Rs.93,000/-	**Student scholarship** The Alumni Association renewed and

			released the student scholarship to eight UG students of UAS (B).
		Rs.4,41,800/-	**Sponsorships** The Alumni Association sponsored details during the year 2022-23 1) An amount of Rs.4,00,000/- towards organizing 21st All India Inter-Agricultural Universities Youth Festival 2022-23. 2) An amount of Rs. 10,000/- towards organizing ISEE National Seminar-2023 at UAS Bangalore from June 22-24, 2023 3) The Alumni Association sponsored an amount of Rs. 6,800/- on the occasion of 75 years of Independence - "Azadi Ka Amrit Mahotsav", to Institute of Agri-Business Management, UAS, Bangalore for conducting a flagship event – Marathon "Run for Tiranga" on 14-8-2022. 4) The Alumni Association sponsored an amount of Rs. 10,000/- towards organizing National Conference entitled "Sericulture Based Multi- Disciplinary Approaches for Climate Resilience Sustainability and Livelihood Security" at College of Sericulture, Chintamani on August 26 – 27, 2022. 5) The Alumni Association sponsored Rs. 10,000/- towards organizing International Conference on "Biotechnology Trends and Future Prospects" (BTFP) at Dept. of Plant Biotechnology, CoA, UAS, GKVK, Bengaluru from September 13 - 15, 2022. 6) The Alumni Association in collaboration with Dept. of Soil Science and Agril. Chemistry, UAS(B), GKVK sponsored fruit saplings to participants on the occasion of World Soil Day held on 5-12-2022.
		Rs.1,02,000/-	**Animal health camp under RAWEP** The Alumni Association sponsored an amount of Rs.1,02,000/- for conducting Animal Health Camps in Ramanagara, Tumukuru, Bengaluru Rural, Chikkaballapur, Mandya, Hassan and Chamarajanagara District under Final Year UG students Rural Agricultural Work Experience Programme (RAWEP).
	Total	**Rs.7,37,885/-**	
3	2023-24	Rs.4,08,000/-	**Student scholarship** The Alumni Association awarded twelve rural students

			for Alumni Association, UAS(B) Scholarship for the year 2022-23 and also renewed and released the student scholarship amount.
		Rs.1,64,059/-	**Sponsored high tea at convocation** On the occasion of 57th Convocation of UAS, Bangalore held on August 3rd, 2023, the Alumni Association hosted High Tea to the graduating students, parents and staff of the University on rehearsal day 2nd August, 2023. On the occasion of 58th Convocation of UAS, Bangalore held on March 4th, 2024, the Alumni Association hosted High Tea to the graduating students, parents and staff of the University on rehearsal day 3rd March, 2024.
		Rs.1,37,660/-	**Animal health camp under RAWEP** Sponsored Rs.60,000/- for organizing Animal Health Campaigns at RAWEP villages to final year B.Sc. (Hons.) Agri., B.Sc.(Hons.) ABM and B.Tech.(Ag.Engg.) students placed in 17 RSKs / Villages of Bengaluru Rural and Chikkaballapura districts as part of RAWEP from 13-10-23 to 10-01-24. Sponsored Rs.21,180/- for organizing Animal Health camps in six RAWEP villages of Arasikere taluk, for final year B.Sc.(Hons) Agriculture students. (Hassan) Sponsored Rs.21,180/- for organizing Animal Health camps in six RAWEP villages covering three Hoblis, for final year B.Sc.(Hons) Agriculture students. (Mandya) Sponsored Rs.28,240/- for organizing Animal Health camps in eight RAWEP villages covering Kolar and Chikkaballapura districts for final year B.Sc.(Hons) Agriculture and B.Sc.(Hons.) Sericulture students. Sponsored Rs.7060/- for organizing Animal Health camps in two RAWEP villages of Gundlupete and Chamarajanagara districts for final year B.Sc.(Hons) Agriculture students.
		Rs.30,000/-	**Sponsorships** a. The Alumni Association Sponsored Rs.10,000/- for the National Seminar on "Evolving Extension Science Towards Secondary Agriculture for Sustainable Development".

			b. Sponsored Rs.10,000/- towards Agricultural Exhibition-cum-Farmers Training Programme at Thippenahalli village of Shidlaghatta Taluk held on 9-1-2024. c. The Alumni Association Sponsored Rs.10,000/- to Skill Development Centre, UAS Bangalore, towards organizing the orientation programme on civil services for UG, MSc and PhD students on 18th January 2024 in the Institute of Agribusiness Management, College of Agriculture, University of Agricultural Sciences, GKVK, Bengaluru.
		Rs.33,264/-	**RAWE work diaries** The Alumni Association provided 1100 Work Diaries for Rural Agricultural Work Experience Programme (RAWEP) under Student READY programme during 2023-24. The RAWEP diaries was distributed to students of all the constituent colleges of UAS(B).
	Total	**Rs.7,72,983/-**	
4	2024-25	Rs. 1,11,000/-	**Animal Health Camps** The Alumni Association sponsored an amount of Rs. 1,11,000/- towards organizing Animal Health Camps in different villages of all the constituent colleges of the UAS, Bangalore under Rural Agricultural Work Experience Programme (RAWEP).
		Rs. 3,66,000/-	**Student scholarship** The Alumni Association released the student scholarship of Rs. 2,28,000 to the students of UAS, Bangalore @ Rs.12,000/- each per semester.
		Rs.10,000/-	**Sponsorships** Sponsor Rs.10,000/- for the 38th Annual Conference of the Indian Society of Agricultural Marketing from 9th to 11th January, 2025 organized by Institute of Agribusiness Management, CoA, GKVK, UAS, Bangalore
		Rs.10,000/-	**Awareness Workshop** Sponsored Rs. 10,000/- to Skill Development Centre (SDC) at UAS, Bangalore, for a one day workshop series for students at GKVK and constituent colleges (Mandya, Hassan, Chamarajanagar and Chintamani) under UAS Bangalore to create awareness and provide guidance on preparing for Civil Service and Banking Exams.
	Total	**Rs.4,97,000/-**	

5	2025-26	Rs. 1,08,000/-	**Student scholarship** The Alumni Association released the student scholarship of Rs.1,08,000 to the students of UAS, Bangalore @ Rs.12,000/- each per semester.
		Rs. 1,52,000/-	**Animal Health Camps** The Alumni Association sponsored an amount of Rs. 1,52,000/- towards organizing Animal Health Camps in different villages of all the constituent colleges of the UAS, Bangalore under Rural Agricultural Work Experience Programme (RAWEP)
		Rs. 1,45,356/-	**Sponsored high tea at convocation** Hosted High Tea to graduating students, parents, dignitaries and staff on the occasion of 59th Convocation rehearsal Day held on 14-05-2025 and issued Alumni Association ID cards to graduates.
		Rs. 20,000/- Rs.1,00,000/- Rs. 25,000/-	**Sponsorships** Sponsored Rs. 20,000/- to organize National Conference entitled "Challenges and New Frontiers in Agriculture, Sericulture and Allied Sectors (CHANAS)" at College of Sericulture, Chintamani. Sponsored Rs.1,00,000/- to UAS, Mandya towards organizing the Krishi Mela – 2025 held on December 5th to 7th 2025. The Alumni Association sponsored Rs.25,000/- to College of Agriculture, UAS, GKVK towards organizing Inter-Collegiate Youth Festival – 2025 held on 09th to 11th December 2025
	Total	**Rs.5,50,356/-**	

The list of students received scholarship support from Alumni association during the assessment period

Sl. No.	Name	Course	College/Location	Amount (Rs)
2021-22				
1	Darshan A V	B. Tech (Agril. Eng.)	Bangalore	9,000
2	Darshan A V	B. Tech (Agril. Eng.)	Bangalore	9,000
3	Darshan A V	B. Tech (Agril. Eng.)	Bangalore	9,000
			Total	**27,000**
2022-23				
1	Darshan A V	B.Tech (Agril.Eng.)	Bangalore	9,000
2	Monisha V	B.Sc. (Hons)	Bangalore	12,000

3	Punya K.C	B.Sc. (Hons)	Hassan	12,000
4	Bharath Kumar A.M	B.Sc. (Hons)	V.C. Farm Mandya	12,000
5	H.N. Bindu	B.Sc. (Seri)	Chinthamani	12,000
6	B.M. Likhith	B.Sc. (Hons)	Bangalore	12,000
7	Monisha V	B.Sc. (Hons)	Bangalore	12,000
8	B.M. Likhith	B.Sc. (Hons)	Bangalore	12,000
			Total	**93,000**
2023-24				
1	Vinay Gowda, T. S.	B.Sc. (Hons)	Bangalore	24,000
2	Mohan A V	B.Sc. (Hons)	Bangalore	24,000
3	Paramanna	B.Sc. (Hons) ABM	Bangalore	12,000
4	Radha H. Dalawayi	B.Sc. (Hons) Food Nutri	Bangalore	12,000
5	B.M. Likhith	B.Sc. (Hons)	Bangalore	36,000
6	Monisha V	B.Sc. (Hons)	Bangalore	36,000
7	Ramya Naik	B.Tech. (Agril.Eng.)	Bangalore	24,000
8	Jayashree Shetty B. R.	B.Sc. (Hons)	Hassan	24,000
9	Tharakarathne, G.M.	B. Tech Food Tech	Hassan	24,000
10	Ambika K	B. Tech Bio-Tech	Hassan	12,000
11	Punya K.C	B.Sc. (Hons)	Hassan	24,000
12	Bharath Kumar A.M	B.Sc. (Hons)	V.C. farm mandya	36,000
13	Rukhiya	B.Sc. (Hons.) Agri.	V.C. farm mandya	12,000
14	H.N. Bindu	B.Sc. (Seri)	Chinthamani	36,000
15	Manohar B. R.	B.Sc. (Hons)	Chinthamani	24,000
16	Chandrika Ningappa Pujari	B.Sc. (Seri)	Chinthamani	24,000
17	Adish S. L.	B.Sc. (Hons.) Agri.	Chamarajanagara	24,000
			Total	**4,08,000**
2024-25				
1	Ms. Jayashree Shetty, B. R.	B.Sc. (Hons.) Agri.	Hassan	12,000
2	G.M. Tharakarathna	B.Tech. (Food Tech.)	Hassan	12,000
3	Ms. K. Ambika	B.Tech. (Biotech.)	Hassan	12,000
4	Vinay Gowda, T. S.	B.Sc. (Hons)	Bangalore	12,000
5	B.M. Likhith	B.Sc. (Hons.) Agri.	Bangalore	12,000
6	Ms. Rukhiya	B.Sc. (Hons.) Agri.	Mandya	24,000
7	Ms. Ramya Naik	B.Tech. (Ag.Engg.)	Bangalore	12,000
8	B.M. Likhith	B.Sc. (Hons.) Agri.	Bangalore	12,000
9	Glania Dsouza	B.Sc. (Hons.) Agri.	Mandya	12,000
10	Monisha V	B.Sc. (Hons)	Bangalore	24,000
11	Ms. Jayashree Shetty, B.R.	B.Sc. (Hons.) Agri.	Hassan	12,000
12	G.M. Tharakarathna	B.Tech.(Food Tech.)	Hassan	12,000
13	Ms. K. Ambika	B.Tech.(Biotech.)	Hassan	12,000
14	Bharath Kumar A.M	B.Sc. (Hons)	V.C. farm Mandya	24,000

15	Ms. Ramya Naik	B.Tech. (Ag.Engg.)	Bangalore	12,000
16	Manohar B.R	B.Sc. (Hons)	Chinthamani	12,000
17	Chandrika Ningappa Pujari	B.Sc. (Seri)	Chinthamani	12,000
18	A Nandan	B.Sc. (Hons.) Agri.	Hassan	12,000
19	Prajwal Karaddi	B.Tech. (Food Tech.)	Hassan	12,000
20	Lata Bhavi	B.Tech.(Bio Tech.)	Hassan	12,000
21	Harshith K	B.Sc. (Hons.) Agri.	Bangalore	12,000
22	Vivekanand Madabhavi	B.Sc. (Hons.) Seri.	Chinthamani	12,000
23	Ms. H.N. Bindu	B.Sc. (Hons.) Seri.	Chinthamani	24,000
			Total	**3,24,000**
2025-26				
1	Ms. Jayashree Shetty, B.R.	B.Sc. (Hons.) Agri.	Hassan	12,000
2	Manohar B. R.	B.Sc. (Hons)	Chinthamani	12,000
3	Chandrika Ningappa Pujari	B.Sc. (Seri)	Chinthamani	12,000
4	Manohar B. R.	B.Sc. (Hons)	Chinthamani	12,000
5	Chandrika Ningappa Pujari	B.Sc. (Seri)	Chinthamani	12,000
6	Manohar B. R.	B.Sc. (Hons)	Chinthamani	12,000
7	Chandrika Ningappa Pujari	B.Sc. (Seri)	Chinthamani	12,000
8	Ms. H.N. Bindu	B.Sc. (Hons.) Seri.	Chinthamani	24,000
			Total	**1,08,000**





Felicitation of students and proud alumni's





Felicitation of students excelled in various national and state level exams





The glimpse of various activities carried out by Alumni Association

6.6.9.10. Certificate

I, **Dr. K Madhusudan** the Registrar of the **University of Agricultural Sciences, Bangalore** hereby certify that the information contained in the sections 6.4, 6.5 and 6.6.1 to 6.6.9.7 are furnished as per the records available in the University.

20/5/16

Signature of Registrar with Date & Seal

REGISTRAR
University of Agricultural Sciences
G.K.V.K., Bengaluru-560065

COMMITTEES CONSTITUTED FOR PREPARATION OF SSRs OF PROGRAMMES, COLLEGES AND THE UNIVERSITY

Steering Committee of University Accreditation

1.	Dr. S. V. Suresha, Vice-Chancellor, UAS, Bangalore	Chairman
2.	Dr. S. V. Suresha, Director of Education, UAS, Bangalore	Member
3.	Dr. K. Madhusudan, Registrar, UAS, Bangalore, UAS, Bangalore	Member
4.	Dr. Mudalagiriyappa, Director of Research, UAS, Bangalore	Member
5.	Dr. Y. N. Shivalingaiah, Director of Extension, UAS, Bangalore	Member
6.	Dr. Mohan I. Naik, Dean of Student Welfare, UAS, Bangalore	Member
7.	Dr. P. Venkataravana, Dean PGS, UAS, Bangalore	Member
8.	Dr. N. B. Prakash, Dean (Agri.), College of Agriculture, GKVK	Member
9.	Dr. Ramakrishna Naika, Dean (Seri.), College of Sericulture, Chintamani	Member
10.	Dr. K. S. Rajashekarappa, Special Officer, COEA, UAS, Bangalore	Member
11.	Mr. Linganna Gundalli, Comptroller, UAS, Bangalore	Member
12.	Dr. S. D. Shivakrishna, University Librarian, UAS, Bangalore	Member
13.	Smt. M. S. Prathibha, Administrative Officer, UAS, Bangalore	Member
14.	Mr. D. Krishna Murthy, Estate Officer, UAS, Bangalore	Member
15.	Dr. Siddayya, Professor & Controller of Examinations, UAS, Bangalore	Member
16.	Dr. K. S. Jagadish, Professor & Scientific Officer to DoE, UAS, Bangalore	Member
17.	Dr. Siddayya, Nodal Officer, NODAECC-ICAR & Coordinator & Head PPMC, UAS, Bangalore	Member-Coordinator

Central Core Committee for Preparation of SSRs - Programmes, Colleges & the University

1.	Dr. K. Madhusudan, Registrar, UAS, GKVK, Bengaluru	Chairman
2.	Dr. N. Nataraja Karaba., Professor & Head, Dept. of Crop Physiology, CoA, GKVK	Member
3.	Dr. S. Ramesh, Professor, Dept. of GPB, CoA, GKVK	Member
4.	Dr. M. K. Prasanna Kumar, Professor & Head, Dept. Of Plant Pathology, CoA, GKVK	Member
5.	Dr. C. T. Ramachandra, Professor & Head, Dept. of Processing & Food Engineering, CoAE, GKVK	Member
6.	Dr. Manjunath Gowda, Professor, Dept. of Sericulture, CoA, GKVK	Member
7.	Dr. K. S. Jagadish, Professor & Scientific Officer to DoE, UAS, Bangalore	Member
8.	Dr. K. S. Nirmala, Professor & Scientific Officer to Dean (PGS), UAS, Bangalore	Member
9.	Mrs. B. Surekha Reddy, Deputy Comptroller, UAS, Bangalore	Member
10.	Shri. V. Bhaskar, Scientific Officer to Registrar, UAS, Bangalore	Member
11.	Dr. Siddayya, Coordinator-IQAC, O/o the Vice-Chancellor, UAS, GKVK	Member & Convener

Additional members to support Central Core Committee for Preparation of SSRs - Programmes, Colleges & the University

1.	Dr. G. Ranganath, Asst. Prof., IABM, UAS, Bangalore	Member
2.	Dr. N. T. Dileep Kumar, Asst. Prof., AINP on Acarology, UAS, Bangalore	Member
3.	Dr. R. Mohan Kumar, Jr. Agronomist, AICRP on Castor, UAS, Bangalore	Member
4.	Dr. Sagar S Pujar, Asst. Prof., Dept. of, Ag. Extension, UAS, Bangalore	Member
5.	Dr. Ashok Doddamani, Asst. Prof., Directorate of Extension, UAS, Bangalore	Member
6.	Mrs. H. S. Padmashri, Tech. Officer, Directorate of Research, UAS, Bangalore	Member
7.	Shri. K. R. Shayamsundar, Tech. Officer, O/o the Vice-Chancellor, UAS, Bangalore	Member
8.	Mrs. K. Uma Rani, Tech. Officer, PPMC, O/o the Vice-Chancellor, UAS, Bangalore	Member
9.	Shri. S. V. Bharath, Senior Asst., PPMC, O/o the Vice-Chancellor, UAS, Bangalore	Member
10.	Mrs. M. C. Mamatha, Stenographer, PPMC, O/o the Vice-Chancellor, UAS, Bangalore	Member
11.	Dr. B.S Rajendra Prasad, Junior Acarologist, AINP on Agricultural Acarology, Dept. of Agricultural Entomology, UAS, Bangalore	Member
12.	Shri. K. R. Prasad Reddy, Deputy Director of Student Welfare, UAS, Bangalore	Member
13.	Dr. Harsha Nayak, Assistant Professor of Aquaculture & Head, Inland Fisheries Unit, UAS, Bangalore	Member
14.	Dr. D. Pallavi., Asst. Prof., Dept. of Ag. Entomology, CoA, GKVK	Member
15.	Dr. D. C. Preethu, Asst. Prof., Dept. of SS & AC., CoA, GKVK	Member
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