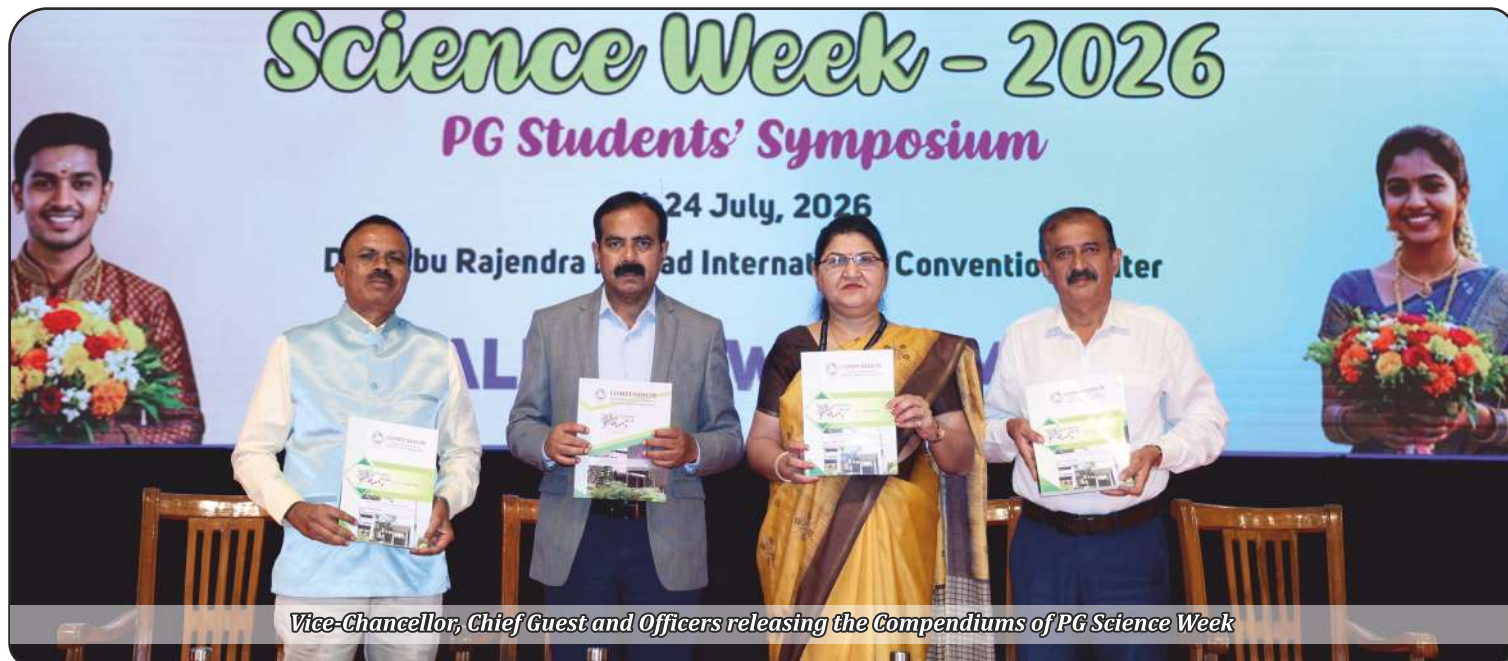


PG Science Week-2026: Fostering Research Excellence and Innovation

DIRECTORATE OF POST GRADUATE STUDIES, UAS, Bangalore, successfully organized PG Science Week-2026: PG Students' Symposium from 21st to 24th July, 2026 at Dr. Babu Rajendra Prasad International Convention Center, GKVK campus. Designed as a vibrant platform for interdisciplinary collaboration and scientific exchange, the four-day event brought together over 400 postgraduate students from all the constituent colleges across the University. The academic sessions featured rigorous



Vice-Chancellor, Chief Guest and Officers releasing the Compendiums of PG Science Week

oral presentations by 70 outgoing Ph.D. scholars and insightful poster display by 226 Senior Master's students across diverse agricultural disciplines. Outstanding presentations were evaluated and recognized by panels of expert scientists. The symposium was inaugurated by the Chief Guest, Dr. Seema Jaggi, Assistant Director General (Agricultural Education), ICAR, New Delhi. Delivering the presidential remarks, Dr. S.V. Suresha, Vice-Chancellor, UAS-B reaffirmed the University's steadfast commitment to fostering scientific excellence, research communication and collaborative learning to shape the next generation of competent agricultural professionals. Dr. P. Venkataravana, Dean (PGS) and Dr. Y.N. Shivalingaiah, Dean (Agri.) graced the inaugural session. Dr. T. Venkatesan, Director, ICAR-NBAIR, Bengaluru, graced the valedictory programme as Chief Guest. Innovative Start-ups in Agriculture-2026 competition was held on 23rd July, 2026 as part of Science Week. Out of 37 student applications, 30 teams advanced to final presentations, showcasing solutions for major agri-sector challenges. Top four teams were awarded and secured industry sponsorship and incubation from Indo-American Hybrid Seeds, Amnion Biosciences Pvt. Ltd., Susthira Bio Organics LLP and Shivson Crop Sciences Pvt. Ltd.

Raitha Santhe : Farmer-to-Consumer Connection

THE DIRECTORATE OF EXTENSION of UAS, Bangalore hosted the 16th *Raitha Santhe* at GKVK campus on 25th July, 2026. Centered on the theme 'Direct Marketing of Organic Produce, Guava, Mango and Jackfruit', the event was inaugurated by Dr. S.V. Suresha, Vice-Chancellor who underscored the platform's vital role in eliminating middlemen and empowering local farmers. The vibrant fair drew over 25,500 visitors and featured 146 farmers and Self-Help Groups (SHGs). Consumers enjoyed fresh seasonal fruits, live technology demonstrations of groundnut shelling machine designed for both fresh and dried groundnuts, an array of millet-based delicacies, eco-friendly clay water filters and cold-pressed oils. Rural heritage attractions, including bullock cart rides and livestock displays complemented extensive exhibits of bio-inputs, seeds varieties, saplings and farm machinery. Generating an impressive turnover of Rs.24.75 lakh, the *Santhe* continues to stand as



Vice-Chancellor interacting with the artisan at 'Santhe'

a celebration of rural innovation, sustainable living, and farm-fresh nutrition. Institute of Baking Technology and Value Addition organized a 'Novel Bakery Products – Exhibition cum Sale' as part of *Santhe* featuring products prepared by the 79th Batch of the 14-Week Certificate Course in Bakery Technology. The exhibition-cum-sale generated a turnover of over Rs. 40,000/-, reflecting the excellent market response to the products.

Vismaya Keeta Prapancha: Technical Seminar

THE ICAR-KVK, Konehalli, Tipaturu in collaboration with UAS, Bangalore; the Tumakuru District Development Departments and the Kalpataru Educational Institution, hosted the two-day exhibition and technical seminar entitled '*Vismaya Keeta Prapancha*' on 30th and 31st July, 2026. The event was inaugurated by Shri Shadakshari, Hon'ble MLA of Tipaturu Constituency, who inspired farmers and students alike to embrace the sophisticated world of scientific agriculture



Hon'ble Member of Legislative Assembly and Vice-Chancellor inaugurating the Programme

and biodiversity conservation. Dr. S.V. Suresha, Vice-Chancellor inaugurated the exhibition and articulated that the premier event celebrates the critical role of insect diversity in sustaining delicate ecological balance. Drawing an impressive gathering of over 4,500 esteemed visitors, the grand assembly stood as a benchmark for agricultural awareness in the region. The inaugural proceedings were graced by key representatives from Tipaturu Taluk Krishik Samaja, Kalpavruksha Parachute Organization and Kalpataru Educational Institution. The prestigious event culminated with a memorable valedictory address presided over by Dr. Y.N. Shivalingaiah, Director of Extension of UAS, Bangalore on 31st July, 2026.

UAS-B Students Drive Nutrition Awareness

Students from the Department of Food Science and Nutrition, UAS-B, GKVK conducted a targeted nutrition awareness drive at the Goraguntepalya Anganawadi Centre as part of their practical course work on 3rd July, 2026. Through creative educational tools-including posters, flashcards, dramas, informative videos and podcasts, six student groups educated over 60 local mothers, pregnant women, adolescent girls and Anganawadi staff on preventing critical nutrient deficiencies (Iron, Iodine, Zinc and Vitamins A, D and B12). The hands-on initiative won high praise from ICDS officials and CDPO leadership, offering student's vital field exposure while delivering impactful health education directly to the grassroots.



Students educating women at Anganawadi Centre

Honouring Merit: New Gold Medal for B.Sc. (Hons.) FND

DR. S.V. SURESHA, VICE-CHANCELLOR of UAS-B, gratefully accepted a generous endowment on 1st July, 2026 from Smt K. Nagarathna, Retired Assistant Professor, to institute a Gold Medal for the B.Sc. (Hons.) Food, Nutrition and Dietetics programme. Vice-Chancellor thanked Mrs. Nagarathna for her noble gesture, noting that contributions from retired faculty sustain the University's commitment to academic excellence and inspire students and staff. He added that the endowment will encourage meritorious students and strengthen the University's academic culture.

Gearing Up for Excellence: Accreditation Mock Run



The panel experts at College of Agricultural Engineering, GKVK

WITH PRECISION AND METICULOUS PREPARATION, the University of Agricultural Sciences, GKVK, Bengaluru, conducted a high-stakes ICAR Accreditation Mock Run from 15th to 17th July, 2026 to fine-tune its readiness for the upcoming ICAR Peer Review Team (PRT) visit. Organized under the direction of the Hon'ble Vice-Chancellor, the internal evaluation committee comprised the Dean (Agri.); Dean (PGS); Dr. Manjaiah, Former Principal Scientist and Associate Dean, ICAR, Indian Agricultural Research Institute (IARI), New Delhi, and the Nodal Officer, PPMC. Over three intensive days, the panel conducted a campus-wide review across Directorates, Departments and Units at

GKVK. They scrutinized presentation decks, audited supporting documentation and rigorously benchmarked operations against ICAR standards. The exercise concluded with actionable insights to strengthen compliance, sharpen documentation and elevate institutional presentation. A comprehensive report detailing key observations and strategic recommendations has been submitted to the Vice-Chancellor to drive final preparations ahead of the PRT visit.

KRISHI VIGYAN KENDRA, Bengaluru Rural, in collaboration with the Karnataka State Department of Sericulture,

Bengaluru Rural, organized a Field Day and awareness programme on 'Managing thrips and mites in mulberry' at Maralenahalli village, Doddaballapura taluk, on 28th July, 2026. Dr. B.G. Hanumantharaya, Senior Scientist & Head, highlighted mulberry cultivation as a profitable, sustainable enterprise that provides year-round employment and steady income for farm families. Dr. G. Eswarappa, Scientist (Plant Protection) guided farmers on identification, prevention and effective management of thrips and mite infestations. Dr. D. Balaji Naik, Soil Scientist advised on proper soil sampling, balanced nutrient management and practices to improve soil organic carbon.

Field Day on Managing Thrips & Mites

Memorandums of Understanding

- MoA was signed between UAS, Bangalore and Varada Seeds Farm, Ballary on 7th July, 2026 for Commercializing of KBSH-90 Sunflower Hybrid
- Joint Venture Agreement was signed between UAS, Bangalore and Indian Institute of Plantation Management on 7th July, 2026 to technically support that agency for selection and handholding of 250 Agri and Food MSMEs in the state of Kerala
- MoU was signed between UAS-B and CropZen Agrosience, Vijayanagara on 27th July, 2026 for the sale of corn cob carrier-based / liquid-based bio-fertilizers
- MOU was signed between UAS, Bangalore and ATRIA University, Bengaluru on 13th July, 2026 to promote collaborative research and developmental activities of mutual interest in the fields of science, technology and agriculture
- MoU was signed between UAS, Bangalore and University of Agricultural Sciences, Mandya on 21st July, 2026 for collaborative Training, Research and Extension



Microgreens Production Workshop

AICRP ON SEED (CROPS), GKVK, Bengaluru organised a hands-on training on 'Methods and Techniques in Microgreens Production'. Coordinated by Dr. K. Vishwanath, Special Officer (Seeds), the programme



blended expert-led sessions on production fundamentals, seed priming, pathology, nutrition and agribusiness Start-up strategies with practical afternoon exercises. Participants gained valuable hands-on experience in seed selection, tray setup, precise broadcasting, harvesting and post-harvest handling for optimal freshness. Dr. Nagaraj Hullur, Dr. K. J. Sowmya, Dr. B. Manjunath, Dr. Bhuvana Sharma and Dr. Sudhir Sharan participated as resource persons.

Balanced Fertilizers, Better Harvests – Awareness

AICRP ON DRYLAND AGRICULTURE, GKVK in collaboration with KSDA, Bengaluru Rural organised an awareness programme on 'Balanced Use of Fertilizers and Contingency Crop Planning' at the Raitha Samparka



Kendra, Kundana, Devanahalli taluk. The event aimed to inform farmers and farm women about balanced nutrient management and climate-adapted crop planning. Dr. J. Venkategowda, Senior Scientist, Agronomy highlighted how balanced fertilizer use improves crop productivity, soil health, and fertilizer use efficiency. Dr. B.G. Vasanthi, Senior Scientist (Soil Science) explained soil test-based recommendations and practical tools for efficient nutrient management. The ADA and AO of Devanahalli urged adoption of scientific fertilizer practices and climate-resilient cropping strategies.

AGM of AINP on Agricultural Acarology

THE XXII ANNUAL GROUP MEETING (2025-26) of the ICAR-All India Network Project (AINP) on Agricultural Acarology was organized virtually by the Network Unit of UAS, Bangalore on 22nd & 23rd July, 2026 with participation



Coordinator presenting the action taken report

from all 10 AINP centres. Dr. Mudalagiriappa, Director of Research, UAS-B, welcomed the dignitaries and Dr. Vidya Mulimani, Network Coordinator, presented the action taken report and an overview of research progress. In his address, Dr. S.V. Suresha, Vice-Chancellor, underlined the importance of commercialization, the safe use of insecticides and timely scientific publications. Dr. D.K. Yadava, DDG (Crop Science), highlighted the on-going research on mulberry mites. Dr. Poonam Jasrotia, ADG (Plant Protection & Biosecurity), emphasized advances in molecular and chemical ecology, with special reference to tritrophic interaction studies. The programme concluded with a vote of thanks delivered by Dr. K. Murali Mohan Professor and Head, Department of Agricultural Entomology, CoA, GKVK, Bengaluru.

Boosting Pigeonpea Productivity: SCSP

A ONE-DAY TRAINING and input distribution programme was held on 23rd July, 2026 at Rajaghatta village, Doddaballapura taluk, under the SCSP initiative. The event was organized by AICRP-Kharif Pulses (Pigeonpea) in collaboration with KVK, Bengaluru Rural and NABARD-IRDIS, an NGO. Dr. H.C. Lohithaswa, Principal Scientist and Scheme Head, outlined the SCSP's role in



Distribution of inputs to the beneficiaries of SCSP programme

teaching modern pigeonpea production practices through training, demonstrations and provision of critical inputs to boost pulse yields and farmers' incomes. Dr. H.M. Atheek ur Rehman, Scientist presented the improved agronomic practices, including variety selection, nutrient management, nipping, foliar nutrition and post-emergent herbicide use. Disease management was covered by Dr. B. Manjunath and insect pest management by Dr. G. Keshavareddy. Dr. K. Devaraja demonstrated an improved inter-cultivation tool, while Dr. Ningaraj discussed recommended pigeonpea practices. Dr. B.G. Hanumantaraya, Senior Scientist and Head of KVK, was present. Critical inputs were distributed to 30 selected SC beneficiaries of Rajaghatta and neighbouring villages.

Connecting with Nature : Walkathon

WALK INTO THE GARDEN, a walkathon was organised at the GKVK campus Botanical Garden on 18th July, 2026 from 7:50 AM to 9:15 AM to promote awareness about



Director of Research and Dean (Agri.) with the participants at Botanical Garden

conservation of local flora and fauna. Led by Dr. Y. N. Shivalingaiah, Dean (Agri.); Dr. Mudalagiriappa, Director of Research; and Dr. Mohan I. Naik, Dean of Student Welfare, the event brought together Scheme Heads and University Officers for an immersive ecological experience. The programme commenced with a welcome address by Dr. M. Mahadeva Murthy, Professor and Curator, who outlined the layout, core activities and conservation design of the Botanical Garden. Dr. H.M. Yeshwanth, Entomologist and Bird specialist highlighted the rich avifaunal diversity, noting that the garden serves as a premier bird-watching destination in Bengaluru and a crucial haven for winter migratory birds. Dr. A.N. Sringeswara, Curator further explained the garden's systematic arrangement, following the Bentham and Hooker classification.

Bridging Academia and Industry : Greenovation Boot Camp

THE EARTHON FOUNDATION in collaboration with the University of Agricultural Sciences, Bangalore, successfully hosted the Greenovation Boot camp from 19th to 22nd July, 2026 at RIOF, GKVK. The four-day event brought together 27 early-stage start-ups spanning agriculture, climate action, renewable energy, circular economy and sustainability to exchange ideas and accelerate their entrepreneurial journeys. Inaugurated by Dr. Mudalagiriappa, Director of Research and Dr. B. Boraiah, Professor & Coordinator, the session emphasized the vital role of sustainable entrepreneurship in modern agriculture. Supported by EarthON Foundation's Founding Director, Mr. Vinay Jaju, and team, the boot camp concluded with a strengthened commitment to driving impact through academia-industry collaboration.



Director of Research with the participants

KVK, Bengaluru South Empowers Farmers

ICAR-KRISHI VIGYAN KENDRA, Bengaluru South organized a series of farmer-oriented training and demonstration programmes to promote sustainable and profitable agriculture. On 8th July, 2026 a training programme on intercropping of



Farmers during the demonstration of vermicomposting

medicinal plants in coconut and mango orchards was conducted in collaboration with ICAR-DMAPR, Bengaluru, where farmers were guided on suitable medicinal intercrops, scientific cultivation practices and market opportunities, followed by a visit to the medicinal plants demonstration plot. On 16th July, 2026 a training programme on scientific vermicompost production was held on the occasion of ICAR Foundation Day, during which participants learned the scientific method of vermicompost preparation, ideal earthworm species, unit management and the benefits of using organic waste for soil health improvement. Subsequently, on 23rd July, 2026 a one-day training on scientific beekeeping under

PKVY was organized in collaboration with the Department of Horticulture, Magadi taluk and ICCOA, covering bee biology, hive management, pest and disease management, honey production, value addition, marketing and practical hive demonstrations. Together, these programmes reflected the KVK's strong commitment to empower farmers, farm women and rural youth through need-based skill development, organic farming practices and income-generating farm enterprises.

Research Projects Sanctioned

Title of the project	Principal Investigator	Project Outlay (Rs. in lakhs)	Funding Agency
Evaluation of post emergent herbicides in groundnut and its effect on succeeding crop	Dr. H.S. Latha Senior Scientist (Agronomy), AICRPDA, GKVK, Bengaluru	8.25	M/s. ADAMA India Private Limited Hyderabad, Telangana
Evaluation of foliar application of Coromandel Nano Urea for enhancing the productivity and nutrient use efficiency of Maize (<i>Zea mays</i> L.)	Dr. G.G. Kadalli Soil Scientist and Head, AICRP on LTFE, GKVK, Bengaluru	8.25	M/s. Coromandel International Limited, Secunderabad, Telangana
Aquaculture: A Sustainable Solution for Fish Culture and Alternative Livelihood – A Strategy to Empower Rural Women and Unemployed Youths	Dr. Harsha Nayak Associate Professor and Head Inland Fisheries Unit, GKVK, Bengaluru	5.53	National Fisheries Development Board, Hyderabad



Consultative Meeting on the Harmonization of Decision Support Systems (DSSs) developed under the REWARD Programme was hosted by Centre of Excellence on Watershed Management, UAS-B on 10th July, 2026. Dr. Chandra Shekar Kumar, IAS, Chief Executive Officer, NRAA, New Delhi; Dr. S.V. Suresha, Vice-Chancellor of UAS-B and Shri Upendra Pratap Singh, IFS, Commissioner, WDD, GoK, interacted with participants.

Restoring Soil Health: Biochar & STCR Training

COLLEGE OF SERICULTURE, CHINTAMANI, in partnership with ICAR-KVK Chikkaballapura, conducted an RKVY sponsored training for farmers on biochar production and soil-test-based (STCR) nutrient management on 29th July,



Participants during the demonstration

2026. Dr. Ramakrishna Naika, Dean (Seri.), underlined the urgent need to restore declining soil organic carbon and reduce reliance on heavy synthetic fertilizers. Dr. R. Krishna Murthy, Principal Investigator of AICRP-STCR, GKVK explained that Biochar produced from crop residues is a porous soil amendment that improves moisture retention, reduces nutrient leaching and creates opportunities for carbon credits. Dr. Papi Reddy, Sr. Scientist & Head, KVK Chikkaballapura; Dr. D.V. Naveena, Associate Professor of Soil Science and Dr. P. Veeranagappa, Soil Scientist participated as resource persons.



Vice-Chancellor, Members of BoM and Officers during the Foundation Stone laying for Examination Hall Building on 1st July, 2026 at College of Agriculture, GKVK, Bengaluru

Training on IFS for Sustainability

AICRP ON INTEGRATED FARMING SYSTEMS, GKVK in collaboration with Marasuru Grama Panchayat organized a specialized training at Marasuru, Anekal taluk, to promote sustainability through IFS, high-yield agriculture on 21st July, 2026. Dr. M.T. Sanjay, Professor and Scheme Head, AICRP on IFS, emphasized that Integrated Farming System



Scheme Head highlighting the IFS activities

elevates farmers' livelihoods by boosting productivity and profitability, ensuring a balanced diet and creating additional employment opportunities. Sessions by experts, Dr. T.S. Manjunatha Swamy and Dr. Anjan Kumar, highlighted how adopting Integrated Farming Systems (IFS) improves soil health, mitigates climate risks through resilient horticultural crops, and secures year-round profitability while, boosting local employment. Community leaders commended the University's technical support in driving regional agricultural growth, and the event concluded with active participation from 48 farmers across eight surrounding villages.

Awards and Recognitions

DR. H.C. LOHITHASWA, Principal Scientist & Head, AICRP on Pigeonpea received the prestigious 'Dr. B.P. Pal Memorial NABS-Best Scientist Award' of the National Academy of



Dr. Lohithaswa receiving the award

Biological Sciences (NABS), Chennai for the Election Year 2024, in recognition of his outstanding contributions to crop improvement. The award was presented on 28th July 2026 during the 15th NABS National Conference held at Quepem, Goa, on 27th & 28th July, 2026, themed 'Biodiversity Conservation, Innovations in Life Sciences and Sustainable Technologies for Climate-resilient Agriculture and Animal Sciences'.

DR. D.C. HANUMANTHAPPA, Scheme Head, AICRP on Agro-Forestry, GKV K received the Best oral presentation award for his paper entitled 'Studies on nutrient changes and carbon sequestration in Mahogany + Legume agroforestry system' during the National conference on Frontiers in Agroforestry and Horticultural Sciences (NCFAS-2026) held on 15th & 16th July, 2026 at CAFRI, Jhansi, UP, India.

DR. K.B. SURESHA, Professor (Dairy Technology), ICAR-AICRP on PHET, GKV K has been selected as Member of Scientific Panel on Milk and Milk Products, constituted by Food Safety Standards Authority of India, New Delhi for a period of 3 years.

DR. B.A. ANAND, Associate Professor, College of Agricultural Engineering, GKV K, has obtained Copyright for the work titled 'Green Agricultural Mechanization and Renewable Energy Performance Optimization Framework' by Copyright Office, Intellectual Property Rights, GoI

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Editor	: Dr. K.H. Nagaraj Professor of Agricultural Extension
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Sustainable Soil & Crop Management Training

ICAR-KRISHI VIGYAN KENDRA, Chikkaballapura conducted off-campus training programmes at Kagathi on 22nd July, 2026 and Gauribidanur on 23rd July, 2026 to promote sustainable soil and crop management. Dr. K. Sandhya, Scientist (Soil Science) highlighted the role of soil organic carbon in enhancing fertility, nutrient availability, microbial activity and water-holding capacity. Dr. Vishwanath, Scientist (Agronomy) demonstrated moisture-conservation techniques like mulching, conservation furrows, contour cultivation & rainwater harvesting and advised farmers on contingency crop planning, drought-tolerant varieties and scientific agronomic practices to reduce losses during delayed monsoon and moisture stress. The sessions saw enthusiastic farmer participation, with practical interactions focused on soil health, moisture conservation and climate-resilient farming.

Scientific Beekeeping Training at GKV K

AICRP ON HONEY BEES AND POLLINATORS in collaboration with Department of Apiculture, CoA, GKV K hosted a two-day Scientific Beekeeping training programme on 27th & 28th July, 2026 at GKV K, welcoming 40 eager participants. The inaugural session covered key addresses by Dr. Mudalagiriappa, Director of Research, who inspired trainees to harness scientific apiculture as a viable, sustainable enterprise and urged the farmers to keep contact with the University Scientists and adopt scientific bee-keeping practices. Dr. Mohan I. Naik, Dean of Student Welfare, commended the department's dedicated efforts in promoting modern apicultural practices. The workshop was concluded with a formal certificate distribution ceremony, recognizing the cohort's achievement. Dr. K. T. Vijayakumar, Scientist and Scheme Head, AICRP on Honeybees and Pollinators, GKV K, Bengaluru highlighted the AICRP's objectives and activities and successfully coordinated the programme.

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