



ಕೃಷಿ ವಿಶ್ವವಿದ್ಯಾನಿಲಯ, ಬೆಂಗಳೂರು
ಸಂಶೋಧನಾ ನಿರ್ದೇಶನಾಲಯ, ಗಾ.ಕೃ.ವಿ.ಕೆ, ಬೆಂಗಳೂರು - 560 065.

ಸಂಖ್ಯೆ: ಸಂ.ನಿ./ಮುವೈಅ/ತತಾಂಮೌ/2024-25

ದಿನಾಂಕ: 4.05.2024

ಸುತ್ತೋಲೆ

2024-25ನೇ ಸಾಲಿನ ಅನುದಾನದ ಲಭ್ಯತೆಯನ್ವಯ ಸಂಶೋಧನಾ ನಿರ್ದೇಶನಾಲಯದ ತಳಿ / ತಾಂತ್ರಿಕತೆ ಅಭಿವೃದ್ಧಿ ಹಾಗೂ ಮೌಲ್ಯವರ್ಧನೆ, ಹವಾಮಾನಚತುರ ಕೃಷಿ ಮತ್ತು ರೈತ ಕೇಂದ್ರಿತ ಅವಶ್ಯಕ ಬೇಡಿಕೆಗಳ ಪ್ರಾಯೋಜನೆಯಡಿಯಲ್ಲಿ ಬಹು ವಿಭಾಗ ಅಧ್ಯಯನ (Multidisciplinary) ಸಂಶೋಧನಾ ಪ್ರಾಯೋಜನೆ ಪ್ರಸ್ತಾವನೆಗಳನ್ನು ಈ ಕೆಳಕಂಡ ನಿರ್ವಹಣಾ ವಿಷಯಗಳತ್ತ ಕೇಂದ್ರೀಕೃತವಾಗಿರತಕ್ಕದ್ದು.

Theme Areas:

The proposals must be unique and modern technology based and short period oriented (< 18 months) in nature addressing the immediate field problems and burning issues faced by the farmers. The theme areas identified includes Climate smart technologies, Nano technology, ICT, IOT, Machine learning, Drone technology, Robotics and agriculture produce processing small seeds and Human and animal conflict.

ಪ್ರಸ್ತಾವನೆಗಳನ್ನು ಈ ಪತ್ರದೊಂದಿಗೆ ಲಗತ್ತಿಸಿರುವ ನಿಗದಿತ ನಮೂನೆಯಲ್ಲಿ ಸೂಚಿಸಿರುವಂತೆ ಸಿದ್ಧಗೊಳಿಸಿ ಸಂಶೋಧನಾ ನಿರ್ದೇಶಕರು, ಕೃವಿವಿ, ಜಿಕೆವಿಕೆ, ಬೆಂಗಳೂರು ಇವರಿಗೆ ಸಮುಚಿತ ಮಾರ್ಗ ಮುಖಾಂತರ ದಿನಾಂಕ: 27.5.2024 ರೊಳಗಾಗಿ ಸಲ್ಲಿಸಲು ತಿಳಿಸಲಾಗಿದೆ. ಮುಂದುವರೆದು, ಸುತ್ತೋಲೆ ಹಾಗೂ ಪ್ರಸ್ತಾವನೆಯ ನಮೂನೆಯನ್ನು ಕೃವಿವಿಯ ಅಂತರ್ಜಾಲದಿಂದ ಪಡೆಯಬಹುದಾಗಿದೆ (www.uasbangalore.edu.in)

ಗೆ :

1. ವಿಸ್ತರಣಾ ನಿರ್ದೇಶಕರು, ವಿಸ್ತರಣಾ ನಿರ್ದೇಶನಾಲಯ, ಕೃವಿವಿ, ಜಿಕೆವಿಕೆ
2. ಡೀನ್ (ಸ್ನಾತಕೋತ್ತರ), ಕೃವಿವಿ, ಜಿಕೆವಿಕೆ
3. ಡೀನ್ (ಕೃಷಿ), ಕೃಮವಿ, ಜಿಕೆವಿಕೆ, ಮಂಡ್ಯ / ಹಾಸನ
4. ಡೀನ್ (ರೇಷ್ಮೆ ಕೃಷಿ), ಕೃಮವಿ, ಚಿಂತಾಮಣಿ
5. ವಿಶೇಷ ಅಧಿಕಾರಿಗಳು, ಕೃಷಿ ಇಂಜಿನಿಯರಿಂಗ್ ಮಹಾವಿದ್ಯಾಲಯ, ಕೃವಿವಿ, ಜಿಕೆವಿಕೆ
6. ವಿಶೇಷ ಅಧಿಕಾರಿಗಳು, ಕೃಷಿ ಮಹಾವಿದ್ಯಾಲಯ, ಚಾಮರಾಜನಗರ, ಕೃವಿವಿ
7. ಸಹ ಸಂಶೋಧನಾ ನಿರ್ದೇಶಕರು (ಕೇಂದ್ರ ಸ್ಥಾನ), ಜಿಕೆವಿಕೆ
8. ಸಹ ಸಂಶೋಧನಾ ನಿರ್ದೇಶಕರು, ವಕೃಸಂಕೇ, ವಿಸಿ ಫಾರಂ, ಮಂಡ್ಯ
9. ಎಲ್ಲಾ ವಿಭಾಗದ ಮುಖ್ಯಸ್ಥರುಗಳು
10. ಎಲ್ಲಾ ಅ.ಭಾ.ಸು.ಸಂ. ಪ್ರಾಯೋಜನೆಗಳ ಮುಖ್ಯಸ್ಥರು

ಸಂಶೋಧನಾ ನಿರ್ದೇಶಕರು
ಸಂಶೋಧನಾ ನಿರ್ದೇಶಕರು
ಕೃವಿವಿ, ಜಿಕೆವಿಕೆ, ಬೆಂಗಳೂರು

ಸದರಿ
ಮಾಹಿತಿಯನ್ನು
ತಮ್ಮ ಅಡಿಯಲ್ಲಿ
ಬರುವ ಎಲ್ಲಾ
ವಿಜ್ಞಾನಿಗಳ ಮತ್ತು
ಬೋಧಕರ
ಗಮನಕ್ಕೆ
ತಲುಪಿಸಲು
ಕೋರಿದೆ

ಪ್ರತಿ :

1. ಆಪ್ತ ಕಾರ್ಯದರ್ಶಿಗಳು, ಗೌರವಾನ್ವಿತ ಕುಲಪತಿಗಳ ಕಾರ್ಯಾಲಯ, ಕೃವಿವಿ, ಜಿಕೆವಿಕೆ, ಬೆಂಗಳೂರು ಇವರ ಮಾಹಿತಿಗಾಗಿ ಸಲ್ಲಿಸಲಾಗಿದೆ
2. ಮುಖ್ಯಸ್ಥರು, ಕೃಷಿ ಜ್ಞಾನ ನಿರ್ವಹಣೆ ಘಟಕ (AKMU), ಕೃವಿವಿ, ಜಿಕೆವಿಕೆ, ಬೆಂಗಳೂರು ಇವರು ಮೇಲ್ಕಂಡ ಮಾಹಿತಿಯನ್ನು ಮತ್ತು ನಮೂನೆಯನ್ನು ವಿಶ್ವವಿದ್ಯಾನಿಲಯದ ಅಂತರ್ಜಾಲದಲ್ಲಿ ಅಳವಡಿಸಲು ಕೋರಲಾಗಿದೆ.

DETAILED THEME AREAS FOR SUBMISSION OF PROJECT PROPOSALS

Climate smart technologies/ Development / Application of ICT, IOT, Artificial intelligence, Machine Learning and Agriculture drones, its utility and feasibility for various agriculture applications in the following research areas where ever applicable.

Crop Production

- Studies on Nano fertilizers- Soil and plant health, economic benefits
- Development of organic farming modules and organic farming tools to mitigate climate change, Integrated organic farming
- Enhancing Soil carbon : identification of efficient cropping systems
- Energy conservation

Crop Improvement

- Evolving drought tolerant varieties/ hybrids in cereals, millets, oilseeds, pulses for climate resilience
- Breeding for nutritional security in pulses, oilseeds and cereals
- Biotic and abiotic stress tolerance both conventional & molecular approach including genomic and sequencing
- Biostimulants

Bio-technology

- Plant and microbial bio-prospecting
- Nanotechnology in agriculture
- Bio ethanol production from agri waste (Maize, Sunflower)
- Fresh waste management or food waste in agricultural supply chain

Crop Protection

- Management of pest / diseases in organic farming ecosystem
- Application of Artificial Intelligence, Agriculture drones and nano technology for the management of crop and pest diseases
- Developing appropriate integrated pest and disease management technologies for climate smart agriculture and precision farming systems
- Plant parasites and their impact on agriculture
- Management of pest / diseases in mango, cucurbits and solanaceous crops

Economics and Agricultural Marketing

- Creation of data base for market intelligence research
- Market led extension & market intelligence
- Development of Apps for marketing: Crop specific apps, Organic products

Agriculture Engineering

- Development / Application of ICT, IOT, Artificial intelligence, Machine Learning and Agriculture drones and robotics, its utility and feasibility for various agriculture applications.
- Development of small equipment and machinery for weed management and harvesting and threshing in various crops (Sugarcane/ Tamarind/ Ragi).

Agricultural Microbiology

- Strategies for improving microbial inoculants technology for enhancing crop production
- Exploration of endophytic micro-organisms for management of biotic and abiotic stresses

Sericulture

- Effect of use of pesticides in mulberry leaf on cocoon formation
- Organic Package of Practices for mulberry cultivation

Horticulture:

- Sunflower for confectionary and ornamental purpose

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- Screening of jack varieties in Cubbon park and other areas of Bangalore for its usage

Food Science

- Chemical free storage of value added products
- Studies on prepared food waste management

Animal Science

- Palatability studies on millet straw
- Fodder storage, enrichment of hay / husks with urea, pro-biotic and minerals for cattle feeding

Agricultural Extension

- Impact evaluation of university technologies
- Documentation of success stories due to UASB intervention in agriculture
- Documentation of success stories of UAS B student alumni entrepreneurs

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PROFORMA FOR SUBMISSION OF PROJECT PROPOSALS

Title of the project	
Location	
Background	
Objectives	
Collaborating Subjects/ Discipline	
Name of the PI & Co-PIs along with Bio-data	
Duration of the project	
Technical Programme / Methodology	
Budget outlay of the Project	
Expected Outcome of the project	
Justification of the project	

Date :

Signature of the Principal Investigator

Co- Principal Investigator

A. Luu

Guidelines / Terms and conditions for considering project proposals

1. The project proposal should be submitted as per the proform enclosed through proper channel
2. The objectives of the project should be precise and well defined indicating the likely field oriented outcome addressing issues related to farming community
3. Technical programme must include a detailed activity schedule.
4. The project should be proposed in multi-disciplinary nature. Project proposals submitted in isolated mode will not be considered.
5. The project shall be of short-term nature and the period must be within 18 months. However, in case of the research proposal addressing any such important field problems it may be considered for two to three years.
6. Such project proposal addressing the burning field problems expected to result in either technology recommendation to PoP or Commercialization are preferred..
7. The proposed research project in any way should not duplicate the research work already done and being carried out.
8. The proposed project should not be a part of already on-going project and also it should not be combined with any of the projects funded by different agencies / institutes.
9. PIs should operate the projects from the locations at which they have been sanctioned.
10. No budgetary provision will be made for non-recurring expenditures – purchase of equipment's and instruments / distribution of inputs to farmers/ beneficiaries
11. Travel grants are limited to Rs.5000 / year and no provision for vehicle hiring.
12. PIs of the short listed project proposals have to make presentation on the proposal before the project screening committee.
13. Amount sanctioned should be utilised for that financial year only and the bills should be submitted within February month of financial year.
14. Projects should be implemented within two months of communication of the sanction failing which sanctions accorded shall stand withdrawn.
15. Man power like RA, SRF, Project Assistants, Skilled Assistants etc will not be allowed under the University funded projects.
16. Project period will not be allowed beyond the duration proposed in the Detailed Project Report (DPR)
17. No permanent / regular appointments are to be made under the project.
18. Release of funds will be withheld in the event of non-receipt of reports in time or unsatisfactory progress of work.

Date: 5-05-2024


Director of Research
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