



# University of Agricultural Sciences, Bangalore

Administrative Office, GKVK, Bengaluru-560065

No. AO/Gen/Deptn-Ph.D/Subjects/2022-23

Date: 13-07-2022

## NOTIFICATION

- Sub: Areas of Specialization identified for Deputation of faculty of UAS (B) leading to Ph.D Programme during the Academic year 2022-23.
- Ref: 1 Proceedings of the Committee constituted to select the Areas of Specialization for the Academic year 2022-23 held on 11-06-2022.  
2 Recommendation of Director of Education, UAS, G.K.V.K., Bengaluru dated 11-07-2022  
3 Approval of the Vice-Chancellor, UAS, G.K.V.K., dated 11-07-2022.

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In pursuance of the recommendation of the Committee constituted for identifying the Areas of Specialization for Deputation of faculty of UAS,(B) leading to Ph.D Programme inside/outside the UAS, Bangalore, the following Areas of Specialization, identified for the Academic year 2022-23 are notified as detailed below;

### The Areas of specialization identified for the Academic year 2022-23

Sl.No.	Areas of Specialization(for Within & Outside the University)
1	Precision farming
2	CRISPR Cas Technology for functional genomics and crop improvement
3	Robotics & Artificial intelligence in Agriculture
4	Ecology and behaviour of emerging crop pests
5	Reverse migration and its impact on livelihood security of farming community
6	Bio-Sensor and Nano Technology in Seed Science
7	Hydroponics and Aeroponics Crop Production
8	Environment and Natural Resource Management
9	Pollination Services in Crop Production
10	Organic farming
11	Diseases and pest forecasting and use of ICT tools in climate modeling and spatial
12	Nano-Technology
13	Agriculture Business Management and Market Intelligence
14	Bioinformatics
15	IPR and Bio-safety
16	Ecotoxicology and Pesticides
17	Impact of Covid-19 on livelihood security among farming community
18	Physical Education
19	Plant Protection
20	Farmers empowerment, skill development and Entrepreneurial development
21	Gender sensitization and main streaming
22	Tribal development Studies
23	Robotics, Artificial Intelligence and machine learning in Agriculture
24	Big data Analysis

The candidates, who are applying for Ph.D. studies, should specify the subject and area of specialization that they want to take-up.

By Order

  
Administrative Officer

To:

1. Registrar, UAS, Bangalore
2. Director of Education, UAS, GKVK.
3. Dean (PGS), UAS, GKVK.

P.T.O

4. Director of Research, UAS, GKVK.
5. Director of Extension, UAS, Hebbal.
6. Dean (Agri.), College of Agriculture, GKVK.
7. Dean (Agri.), College of Agriculture, Mandya.
8. Dean (Agri.), College of Agriculture, Hassan.
9. Dean (Seri), College of Sericulture, Chintamani.
10. Special Officer, College of Agriculture, Chamarajanagara
11. Special Officer, College of Agricultural Engineering, G.K.V.K.
12. Comptroller, UAS, GKVK.
13. All the Programme Co-ordinators of KVKs.
14. Associate Director of Research, ZARS, Mandya.
15. All the Sr. Farm Superintendents/ Farm Superintendents /Station Heads of ARS.
16. The Head, AKMU, GKVK Campus, UAS, Bengaluru – a soft copy of the Notification mailed to the E-Mail address - ([akmu@UASBangalore.edu.in](mailto:akmu@UASBangalore.edu.in)) with a request to upload the same in the University website.
17. Secretary, to Vice-Chancellor, UAS, GKVK, Bangalore.
18. The file.

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concerned