

UNIVERSITY OF KERALA

*(Established as University of Travancore by the Travancore University Act in 1937 and reconstituted as University of Kerala by the Kerala University Act of 1957 and presently governed by the Kerala University Act of 1974 passed by the Kerala Legislative Assembly.
Accredited by NAAC with A++ grade)*

DEPARTMENT OF BOTANY

(DST-FIST Supported Department)



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Bot/Finishing School/ 18/24

February 17, 2024

NOTIFICATION

Inviting applications for Admission to Finishing School in Applied Plant Science

About the Department: Department of Botany was established in the year 1959 at Kariavattom, Thiruvananthapuram, Kerala. A dynamic research environment for plant research in the areas of Biosystematics, Biotechnology, Phytochemistry and Plant Reproductive Biology is being provided in the Department. The Department has added to its credit more than 300 doctoral degree holders, working in reputed research labs, across the country and abroad. The department has research projects funded by Department of Biotechnology (DBT), Department of Science and Technology (DST), Kerala State Council for Science, Technology and Environment (KSCSTE), Kerala State Biodiversity Board, Kerala State Planning Board, Centre for Latin American Studies (CLAS) and University of Kerala. The department is also well equipped with ultramodern facilities for plant research including genomics, proteomics, transcriptomics and cell and tissue culture studies. Many of the instruments are expected to be added in near future through DST-FIST and other infrastructure development programs. In addition to this, Central Laboratory for Instrumentation and Facilitation (CLIF) of the University functioning in Kariavattom Campus houses several

highly sophisticated, advanced instruments.

The Finishing School: Finishing School in Applied Plant Science (FS-APS) is a unique program funded by the University of Kerala. The new initiative is especially aimed at carving the trained man power in the applied fields of Botany and equivalent areas. The program will launch with the attractive interaction of industry representatives, scientists, teachers and experienced personals of the state. Postgraduates from different disciplines of plant sciences when trained to use modern sophisticated equipment and exposed to advanced tools and techniques thus improve their job opportunities. It will also bridge the employability gap between industry and academia. The finishing school training envisages post graduates to handle many of the important techniques such as commercial plant tissue culture, nursery management, land scaping, extraction of phytochemicals, formulation of herbal cosmetics and handling of analytical instruments. This will in turn strengthen them to undertaking research programs or initiating start-up. The platform will open up more carrier opportunities to the young post graduates as Research Fellows, Project Assistants, Young Professionals, Research Associates, Technical Assistant, and Technician in various institutes and laboratories across the country. Ultimately, this will be helpful to generating research interest in different areas of plant science in the upcoming generations.

Fields of Training:

- Program I** : Nursery Management and Commercial Plant Tissue Culture
- Program II** : Bioinstrumentation and Techniques
- Program III** : Phytochemical Extraction and Herbal Cosmetics

Number of seats: Maximum number of seats is limited to 6 participants for each Program

(Total seats- 18)

Duration: 3 months

Eligibility: The applicant should hold M. Sc. in Botany or equivalent fields with a minimum of 60% marks at post-graduate level.

Mode of selection: The selection will be based on previous academic performance

How to register: Registration free and the online registration form is available at

<https://forms.gle/oXHLfvPhfdUmGQ7t8>.

Last Date of Registration: The link will be open till February 29, 2024

Schedule: Program will start on: March 1, 2024

Admission Procedure: Selected candidates will be called for the admission along with the proof of Educational Qualifications

Course fee: Rs. 1000/- (One thousand only/-)

Accommodation: Accommodation facilities have to be arranged by the participants if necessary

Further information:

Dr. E A Siril

Professor and Head

Coordinator FS-APS, Dept. of Botany

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**Application for admission to
Finishing School in Applied Plant Science
Department of Botany, University of Kerala**

(Applications submitted in this format will only be used for screening and selection. All relevant information has to be furnished in this form and additional CV need not be attached.)

- 1. Name of the Applicant** :
(in Capital Letters)
- 2. Date of Birth** :
- 3. Age as on January 1, 2024** : ____years ____months ____days
- 4. Sex** :
- 5. Religion and Caste** :
- 6. Whether belong to SC/ST/OBC** : Yes/ No.

If yes, specify :

- 7. Permanent address** :

PIN-

- 8. Address for correspondence** :

PIN-

- 9. E-mail** :

- 10. Mobile number** :

11. Academic Qualifications

Qualification	Specify subject	Year of passing	Institution	University	% of marks	Classification of result
B. Sc.						
M. Sc.						

Affix a recent
passport size photo

12. Whether qualified CSIR- NET/ CSIR- JRF/DBT- JRF/ GATE/ ICAR AICE-JRF/ARS-NET/ ICMR-JRF/ Ph.D. entrance instituted by any Universities or National Institutes

Yes/No:

If Yes, Provide Details:

13. Publications/ patents/ Gene Bank submissions if any (provide details);

Title of the paper	Journal	Publisher	Year and Volume	Pages	Whether indexed by SCOPUS	Title of contribution and details (for Patents/Gene Bank submissions)

14. Title of M.Sc. Dissertation :

15. Aim of the Project :

16. Major output from the Project (maximum 50 words)

17. What do you expect from this finishing school training program (maximum 100 words):

18. Declaration

The details furnished are true to the best of my understanding. Once admitted to the program, I will be completing the program successfully.

Place:

Date:

(Name and Signature)