



**ADMISSION 2025 -26**

# **RESEARCH & PG DEPARTMENT OF BOTANY**

**(AIDED)**

## **PROGRAMMES OFFERED**

**B.Sc. BOTANY HONOURS (4years)**  
**M.Sc. BOTANY**  
**Ph.D. BOTANY**



## **M.E.S ASMABI COLLEGE**

Affiliated to University of Calicut  
NAAC Re-accredited with A (CGPA 3.19)

✉ [www.mesasmabicolllege.edu.in](http://www.mesasmabicolllege.edu.in)

📞 0480 - 2850596

For Admission Contact  
Dr. Girija TP (HOD): +91 9526570267  
Mohammed Areej EM (Admission Nodal  
Officer): +91 9496844901

# PROGRAMME HIGHLIGHTS

## ELIGIBILITY CRITERIA

### B.Sc. BOTANY HONOURS (4years)

#### Stage 7

GIS, SDG, Crop Improvement Project (Honours with Research Programme) Electives

8

1&2

#### Stage 6

Advancements in Plant science

7

3&4

#### Stage 5

Internship & Elective

6

5

#### Stage 4

Environmental Science & Phytogeography  
Plant Biotechnology, Nanotechnology & Bioinformatics

6

#### Stage 1

Aesthetic Botany & Microbial Diversity



#### Stage 2

Analytical Techniques & Cell and Molecular Biology

#### Stage 3

Angiosperm Morphology, Systematics & Plant Resources  
Genetics, Plant Breeding

## SKILL TRAINING

### M.Sc. BOTANY

#### Specialisation

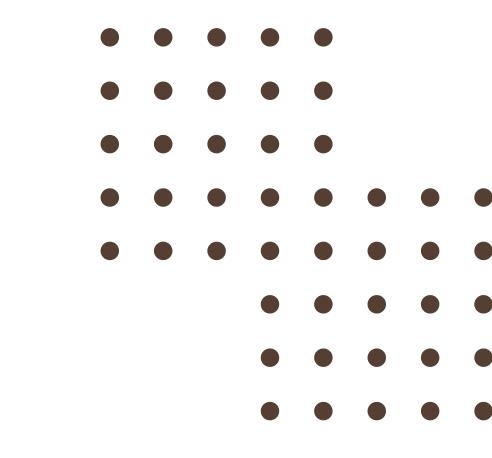
Environmental Biology and Biodiversity Conservation

Pathology of Plantation Crops and Spices

Research Projects

### Ph.D.

Plant Taxonomy, Ecology, Physiology, Phytochemistry, Ethnoecology, Plant Systematics, Phycology, Genomics, GIS and remote sensing, Threatened Plants, Climate Change, Biodiversity and Interdisciplinary research facility



## Certificate courses:

- **Herbal Medicine**
- **Geoinformatics and Mapping**
- **Climate Change, Sustainability and Biodiversity Management**

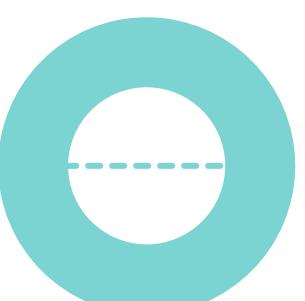


IUCN Threatened Species Nursery



## ➤➤➤ FACILITIES...

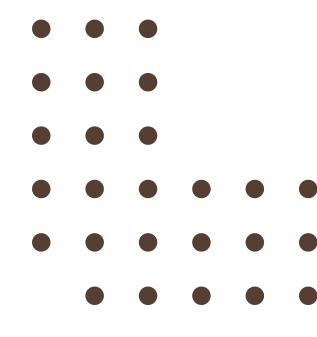
**WELL-EQUIPPED RESEARCH LABS AND EXPERIMENTAL FACILITIES  
SUITABLE FOR RESEARCH PROJECTS OF UG, PG, PH.D. AND POST DOC.**



**PLANT PHYSIOLOGY & PHYTOCHEMISTRY LAB**



**ECOLOGY & TAXONOMY RESEARCH LAB**



# >>> FACILITIES.....

- BSC & MSC LABS
- HERBARIUM
- CULTURE LAB
- HERBAL GARDEN & VERMICOMPOST UNIT
- ARBORETUM & MEDICINAL GARDEN
- SEED GERMINATION CENTRE
- GIS & REMOTE SENSING

## Centre for Ecology, Taxonomy, Conservation and Climate Change (CETC)

Research Extension Centre in MoU with Western Ghats Hornbill Foundation

### We collaborate with...

- IUCN for Red List Assessment of Plant Species
- LSGS and BMCs for Ecological Restoration

### Research Projects Funded by:

- Kerala State Biodiversity Board
- Kerala Forest Department
- State Medicinal Plant Board



**FIRST IUCN RED LIST ASSESSMENT OF  
"NEELAKURINJI" FROM OUR LAB**



## ➤➤➤ DEPARTMENT HIGHLIGHTS



### INTERNATIONAL CONFERENCES



**BEST PAPER  
PRESENTATION  
AWARDS**



## VISITS AND EXPOSURE



## COMMUNITY INTERACTION



## LAB TRAINING



## FIELD TRAINING



## INTERACTION WITH SCIENTISTS



## KARKIDAKA EXHIBITION

# FACULTY PROFILE



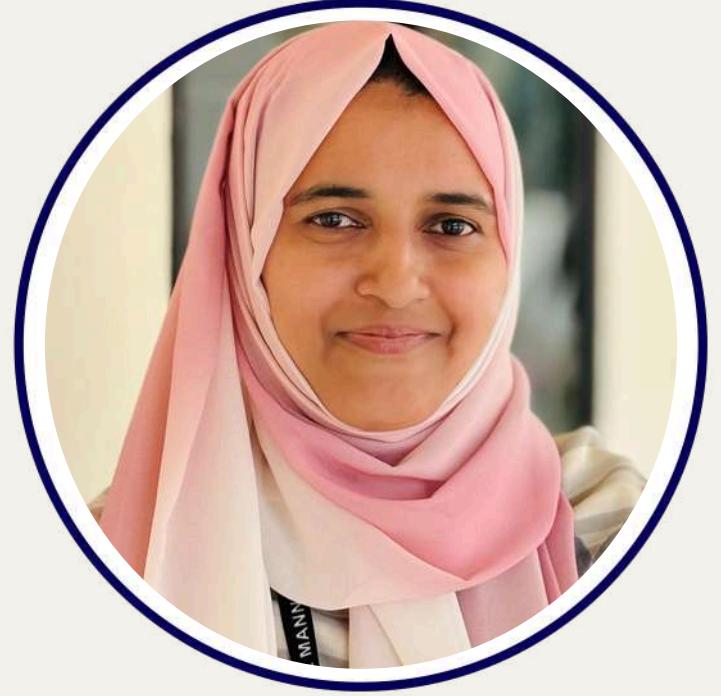
**Dr. Girija T.P**

HOD, Assistant Professor  
BEd, PhD  
Experience: 13 years



**Shaheedha T M**

Assistant Professor  
NET, CSIR-JRF  
Experience: 15 years



**Ummu Habeeba K**

Assistant Professor  
B.Ed., SET, NET  
Experience: 13 years



**Dr. KH Amitha Bachan**

Assistant Professor  
PhD, Post Doc.  
Experience: 15 years



**Dr. Jisha KC**

Assistant Professor  
MPhil, NET, PhD  
Experience: 10 years



**Shemi CB**

Assistant Professor  
B.Ed., PGDCA, NET  
Experience: 10 years

## RESEARCH @ THE DEPARTMENT

- 3 in-station & 5 out-station research guides
- International Publications - 115
- Ongoing Research Projects - 3
- No. of Research Scholars-14
- No. of PhDs produced-4
- International Grant - Rufford, IUCN
- National Grants Prakriti, KSBB Fellowship & JRFs
- International Paper Presentations Outside India

# OUR PRIDE ALUMNI



Dr. E. A. Siril  
Professor & Head  
Department of Botany  
University of Kerala, Trivandrum



Dr. Abdussalam, A.K., Assistant Professor, Department of Botany, Sir Syed College, Taliparamba, Kannur



Dr. Amitha Bachan KH., Assistant Professor, MES Asmabi College P. Vemballur  
IUCN Global Assessor member IUCN CEM, HSG, TSG



Habeebmon KC  
Research Assistant (Botany)  
Central Council for Research in  
Siddha, Ministry of Ayush, Govt.  
of India.



Dr. Thoiba Kottekattu  
Scientific Officer (Biology)  
Regional Forensic Science Laboratory  
Thrissur

## RECENT ACHIEVEMENTS

### PHD HOLDERS



Dr. Gouthami V  
PhD (Botany)



Dr. Lakshmi MV  
CSIR-UGC-JRF-NET  
PhD (Botany)



Dr. K Sreeja  
PhD (Botany)

### INTERNATIONAL FELLOWSHIP



Devika M Anilkumar  
International Rufford Grant, UK  
PhD Scholar  
Member, IUCN Tree Specialist Group

### JRF, NET, GATE HOLDERS



Sabin PQ  
CSIR-UGC-JRF-NET  
PhD Scholar



Abidha EK  
CSIR-JRF  
PhD Scholar



Athira TR  
NET  
PhD Scholar



KA Firdouse  
CSIR -JRF  
PhD Scholar



Rinsha NS  
ICAR JRF  
PhD Scholar



Anila P  
GATE 2023  
PhD Scholar

### UNIVERSITY RANK HOLDERS



Suneera M.N  
BSc Botany-2019  
Rank III



Ahla Shanavas  
MSc Botany-2022  
Rank III



Rinsha N.S  
MSc Botany-2022  
Rank v



Ishrath Sabah C  
MSc Botany-2022  
Rank IX

### OTHER POSITIONS



Sidharth AS Kumar  
Project Assistant - KSTEC



Mohamed Safran VK  
KSBB Doctoral Fellowship  
PhD Scholar

# ">>>> EXTENSION & OUTREACH



## LEARNING HUB FOR NEARBY SCHOOLS



STALL @ KERALA SCIENCE CONGRESS 2025



TECHNICAL SUPPORT FOR BMCS / LSGS