



**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.mesasmabicollege.edu.in](http://www.mesasmabicollege.edu.in)

☎ 0480 - 2850596

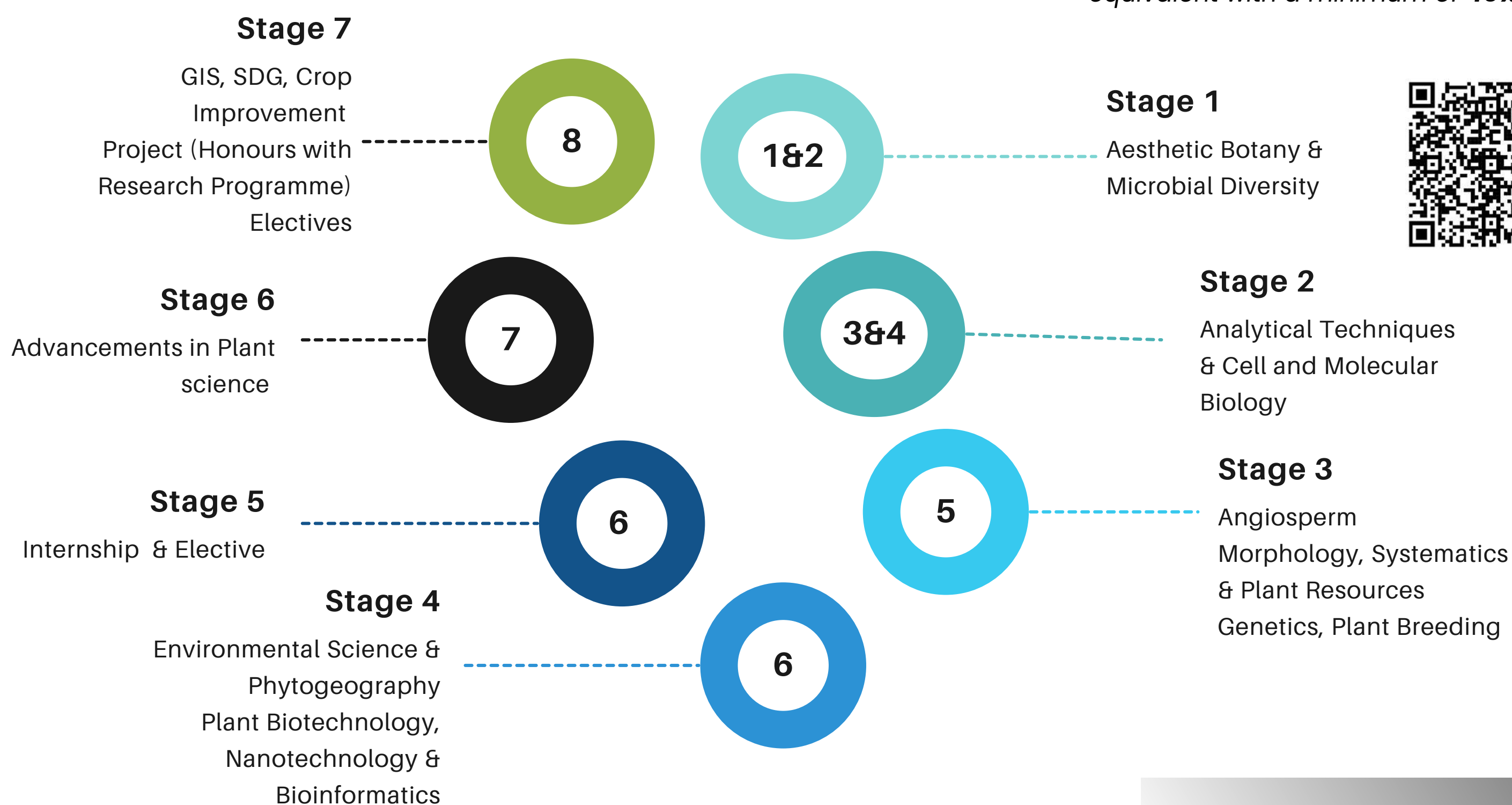
For Admission Contact  
Dr. Girija TP (HOD): +91 9526570267  
Mohammed Areej EM (Admission Nodal  
Officer): +91 9496844901



# PROGRAMME HIGHLIGHTS

## ELIGIBILITY CRITERIA

Candidates who have passed Higher Secondary Examination in Science (HSE) or equivalent with a minimum of **45%** marks.



## SKILL TRAINING

**Nursery  
Landscaping  
Terrarium making**

## M.Sc. BOTANY

### Specialisation

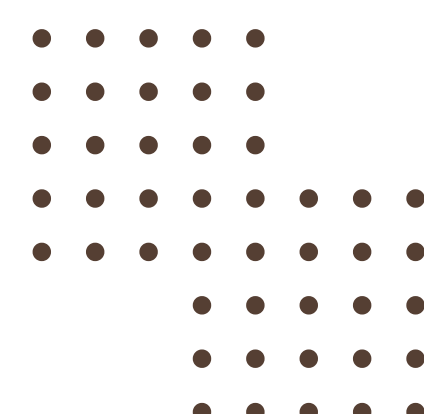
Environmental Biology and Biodiversity Conservation  
Pathology of Plantation Crops and Spices  
Research Projects

## 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**





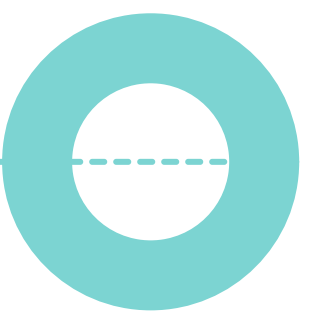


IUCN Threatened Species Nursery



## ➤➤➤➤ FACILITIES...

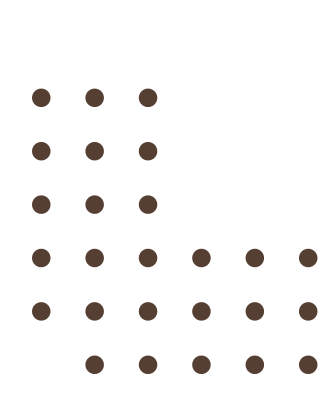
WELL-EQUIPPED RESEARCH LABS AND EXPERIMENTAL FACILITIES  
SUITABLE FOR RESEARCH PROJECTS OF UG, PG, PH.D. AND POST DOC.



**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**



**Paper Presentations**



**Participatory Learning**



**Field Works**



**Industrial Visits**



**Internships**



**Peer Teaching**



**Problem Solving**



**Blended Classrooms**



**Conferences and Expos**



**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 Kottekkattu  
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)



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

### 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



Sidharth AS Kumar  
Project Assistant - KSTEC



Mohamed Safvan VK  
KSBB Doctoral Fellowship  
PhD Scholar



# EXTENSION & OUTREACH



## COASTAL ECORESTORATION



STALL @ KERALA SCIENCE CONGRESS 2025



## LEARNING HUB FOR NEARBY SCHOOLS



## TECHNICAL SUPPORT FOR BMCS / LSGS