

MES ASMABI COLLEGE
NAAC ACCREDITED
(AFFILIATED TO UNIVERSITY OF CALICUT)

RESEARCH DEPARTMENT OF BOTANY

19TH JUNE 2024

RESEARCH PROJECT ORIENTATION FOR POSTGRADUATE BOTANY STUDENTS

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Ecology and Taxonomy Research Lab

On June 19, the Department of Botany organized a Research Project Orientation Programme for final-year postgraduate students. The event was conceptualized to provide students with comprehensive guidance and real-time training on their research projects. The session aimed to equip students with the necessary skills and insights to excel in their academic pursuits and foster a deeper understanding of research methodologies.

The orientation was led by Dr. Amitha Bachan K. H., Assistant Professor of the Department of Botany. Dr. Amitha Bachan shared invaluable insights and practical approaches to conducting high-quality research.



Objectives of the Programme

1. To familiarize students with the key components of research projects, including topic selection, hypothesis development, methodology, and data analysis.
2. To provide a platform for students to present their preliminary research ideas and receive expert feedback.
3. To introduce students to real-time challenges and practical strategies for overcoming them during their research journey.
4. To encourage critical thinking and the ability to present research findings effectively.

Programme Highlights

The session began with an introduction to the importance of research in botany and its role in advancing scientific knowledge and addressing real-world challenges. Dr. Amitha Bachan emphasized the interdisciplinary nature of botanical research, urging students to explore innovative approaches and collaborate across domains. A total of 12 students were participated among which 5 presentations were done at the end of the workshop.

The training component of the programme was interactive and hands-on. Students were encouraged to present their preliminary research topics and hypotheses. Each presentation was followed by a detailed discussion where students were provided with constructive feedback, highlighting areas for improvement, and offering alternative perspectives to refine their projects.

Topics presented by students covered a broad spectrum of botanical research, including:

- Plant ecology and conservation strategies.
- Propagation techniques for endemic and medicinal plants.
- Riparian ecosystem restoration.
- Geospatial data analysis



STUDENTS PRESENTING THE RESEARCH SYNOPSIS PREPARED
DURING THE WORKSHOP

Ecology and taxonomy Lab, Reserch Department of Botany
<https://mesasmabicolllege.edu.in/research>