

Training in Microscopy and Imaging Techniques - 01/03/2024



PROVIDENCE WOMEN'S COLLEGE (AUTONOMOUS)

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(UNDER DBT STAR COLLEGE SCHEME)

**TRAINING IN MICROSCOPY AND
IMAGING TECHNIQUES**

FOR STAFF AND UG STUDENTS

**DEPARTMENT OF BOTANY IN COLLABORATION
WITH OLYMPUS**



**VENUE: RESEARCH LABORATORY
DATE: 01/03/2024**



Report on Training Session on Microscopy and Imaging Techniques

Date: 1 March 2024

Venue: Research Laboratory- Botany

Organized By: Department of Botany, under the DBT Star College Scheme

Participants : 25

As part of the DBT Star College Scheme initiative, a one-day training session on **Microscopy and Imaging Technique** was organized on 1 March 2024. The programme was demonstrated by the technical staff of Olympus dealers. This session aimed to enhance the technical competencies of undergraduate students and the staff in the field of microscopy and imaging and equipping them with practical skills necessary for research and academic pursuits. Also the training session was designed to achieve the following objectives:

1. To provide students with an understanding of microscopy principles and their applications in scientific research.
2. To train participants in the preparation of biological specimens for microscopy.
3. To familiarize students with advanced imaging techniques for detailed observation and documentation.
4. To develop practical skills in operating microscopes for visualizing biological specimens effectively.
5. Outcomes:

The session provided hands-on experience with various microscopic methods, principles, sample preparation and advanced imaging techniques. Students and staff learned to operate microscopes effectively and analyze images, enhancing their skills in visualizing and documenting biological specimens for research purposes.

Training in Microbiology and Imaging techniques organized under the DBT State College scheme for staff and UG students.

01/03/2024

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