

Activity report for Certificate Course on Techniques in Molecular Biology (Advanced)

Name of activity	Certificate Course on Techniques in Molecular Biology (Advanced)
Objectives of the activity (maximum 40 words)	1. In depth understanding of technical know-hows 2. Troubleshooting of various advanced molecular biology techniques
Organizing department/s	Department of Biotechnology and Microbiology
Collaborative institute	-
Date (DD / MM / YYYY)	18 th to 25 th July 2024
Venue	Department of Microbiology, VPM's B.N. Bandodkar College of Science (Autonomous)
Mode	Offline
Details of Resource person (name, designation, institution)	Dr. Jayashree Pawar Ms. Purvi Shah Dr. Ashwini Tilak
Key Participants	Students of S.Y.B.Sc. and T.Y.B.Sc. Microbiology, Biochemistry and Biotechnology
Remarkable outcomes/ key take-away messages (max. three)	Students were able to: 1. Understand the principle and steps of Southern Blotting and RNA extraction 2. Identify and resolve common issues encountered during Southern blotting and RNA extraction
Details of participants	
Total Number	47
Outsiders	1
In-house	46
	Faculty members: 0 Students: 47
	Male: 12 Female: 35 Others: --
Additional information	Theory exam were conducted to assess the understanding of students

Name of Coordinator/ teacher in-charge: Dr. Jayashree Pawar, Ms. Purvi Shah, Dr. Ashwini Tilak

Two Geo tagged photos:



Brochure:

V.P.M.'s B.N. Bandedkar College of Science (Autonomous), Thane
Department of Biotechnology & Microbiology
**Certificate course on
Techniques in Molecular Biology (Advanced)**

HIGHLIGHTS

- In-depth understanding of technical know-hows
- Troubleshooting guidelines
- Participants will earn **2 credits** after completion of course

COURSE CONTENT (Demonstration)

- Extraction of total RNA
- Electrophoresis of RNA
- Southern hybridization

DURATION
18th -25th July 2024 (30 hours)

ELIGIBILITY
All teachers and students of biological sciences

RESOURCE PERSONS
Dr. Jayashree Pawar
Ms. Purvi Shah
Dr. Ashwini Tilak

REGISTRATION DETAILS
Gform link: <https://forms.gle/1FGa6Rg4VHtns2RH8>
Fees: Rs. 2000/-
Mode of payment: Online
(Details would be shared on the registered mobile number and/or email-ID)

LAST DATE OF REGISTRATION:
15th July 2024

CONTACT
hnb.molbio@gmail.com

Note: Only those participants who qualify the examination will be awarded certificate.
Fees do not include food and refreshments.

Handwritten signatures and dates:
15/07/2024
01/07/2024
01.07.24

*Department of Biotechnology
VPM's B.N. Bandedkar College of Science (Autonomous)
Thane (W)*
*Department of Microbiology
VPM's B.N. Bandedkar College of Science (Autonomous)
Thane (W)*