

Report on
“Workshop on Confocal Microscopy”

Conducted in the Department of Zoology, Visva-Bharati, Santiniketan on May 8, 2025 from
10.30 am onwards

Chairperson: Head, Dept. of Zoology, Visva-Bharati

Convenor: Prof. Ansuman Chattopadhyay, Dept. of Zoology, Visva-Bharati

Participants: 39 no. for the lecture and 10 no. for the hands-on-training.

Target group: Faculties and research scholars of the Dept. of Zoology, Visva-Bharati.

Resource person: Dr. Santosh Podder, Senior Technical Officer and In-Charge Microscopic Facility, IISER-Pune, Maharashtra, India.

Report:

This one-day workshop was held on 8th May 2025 from 10.30 am onwards. The HoD Zoology welcomed the resource person, Dr. Santosh Podder, and Dr. Rakesh Kundu introduced him to the participants. Dr. Podder is a Senior Technical Officer and In-Charge of Microscopic Facility at IISER-Pune, Maharashtra, India. The first session of the workshop began with an introductory lecture by Dr. Podder about the basics of microscopic techniques and confocal imaging. All the faculties and research scholars of the department attended the session. After lunch, at 2.30 pm, the second session was started with only ten participants, one scholar from each lab, for the hands-on-training. Certificates were distributed to the participants at the end of the session.

Workshop on Confocal Microscopy, May 08, 2025, Dept. of Zoology, Visva-Bharati, Santiniketan

Sl. No.	Name of the Research Scholar	Year of Ph.D. registration	Name of the Supervisor	Signature
1	Soumendu Bag	2025	Dr. Rakesh Kundu	Soumendu Bag
2	Oindrila Mukherjee	2020	Dr. Rakesh Kundu	Oindrila Mukherjee
3	Samanwita Mandal	2019	Dr. Rakesh Kundu	Samanwita Mandal
4	Nandita Das	2021	Dr. Rakesh Kundu	Nandita Das
5	Debraj Biswas	2025	Dr. Surjya Kumar Saikia	Debraj Biswas
6	Sauvik Chakraborty	2025	Dr. Sushil Kumar Sahu	Sauvik Chakraborty
7	Parichay Ghosh	2025	Dr. Sushil Kumar Sahu	Parichay Ghosh
8	Soumyadeep Basu	2018	Dr. Sutapa Mukherjee	Soumyadeep Basu
9	Anupama Hoory	2021	Dr. Sutapa Mukherjee	Anupama Hoory
10	Partha Chakrobarty	2022	Dr. Sutapa Mukherjee	Partha Chakrobarty
11	Suktara Guria	2019	Dr. Sutapa Mukherjee	Suktara Guria
12	Jahid Hossain Mollah	2022	Dr. Vinod Kumar Chauhan	
13	Arindam Hatimuria	2023	Dr. Vinod Kumar Chauhan	Arindam Hatimuria
14	Olivia Sarkar	2020	Prof. Ansuman Chattopadhyay	Olivia Sarkar
15	Sreejata Kamila	2019	Prof. Ansuman Chattopadhyay	Sreejata Kamila
16	Sunanda Mukherjee	2020	Prof. Ansuman Chattopadhyay	
17	Koushik Kumar Dey	2021	Prof. Ansuman Chattopadhyay	Koushik Kumar Dey
18	Tanmoy Das	2021	Prof. Ansuman Chattopadhyay	Tanmoy Das
19	Rajat Das	2022	Prof. Dipak Kumar Mandal	Rajat Das
20	Priya Tantubay	2022	Prof. Dipak Kumar Mandal	Priya Tantubay
21	Nibedita Sharma	2019	Prof. Dipak Kumar Mandal	Nibedita Sharma
22	Tamal Das	2025	Prof. Larisha M. Lyndem	Tamal Das
23	Gitanjali Biswas	2025	Prof. Larisha M. Lyndem	Gitanjali Biswas
24	Mou Singha Ray	2021	Prof. Larisha M. Lyndem	Mou Singha Ray
25	Chandrani Mondal	2019	Prof. Larisha M. Lyndem	Chandrani Mondal
26	Samiparna Saha	2020	Prof. Larisha M. Lyndem	Samiparna Saha
27	Shramona Roy	2025	Prof. Samar Kumar Saha	Shramona Roy
28	Mriganka Das	2020	Prof. Samar Kumar Saha	Mriganka Das
29	Supriya Mondal	2022	Prof. Samar Kumar Saha	
30	Dutimoy Mukherjee	2019	Prof. Samar Kumar Saha	Dutimoy Mukherjee
31	Pritam Paul	2020	Prof. Samar Kumar Saha	Pritam Paul
32	Subhadeep Basu	2025	Prof. Sudipta Maitra	Subhadeep Basu
33	Janashree Mandal	2025	Prof. Sudipta Maitra	Janashree Mandal
34	Soumyajyoti Ghosh	2018	Prof. Sudipta Maitra	Soumyajyoti Ghosh
35	Sriparna Das	2018	Prof. Sudipta Maitra	Sriparna Das
36	Sambuddha Banerjee	2020	Prof. Sudipta Maitra	Sambuddha Banerjee
37	Anwesha Samanta	2019	Prof. Sudipta Maitra	Anwesha Samanta
38.	Ragini Sinha	2018	Prof. Dipak Kumar Mandal	Ragini Sinha
37.	Chinmay Barman	2022	Dr. Surjya K. Saikia	Chinmay Barman



Workshop on Confocal Microscopy

Date: 8th May, 2025 (Thursday), 10:30 AM onwards

Venue: Department of Zoology, Siksha Bhavana, Visva-Bharati



By

Dr. Santosh Podder

Senior Technical Officer and
In-Charge Microscopic Facility
IISER Pune, Maharashtra 411008

Last date of application:

7th May, 2025

Registration link:

<https://forms.gle/UssXnLK6i7Bgmdz39>

Target group: Research Scholars only

Number of Participants for lecture: All research scholars

For hands-on training: 10 seats only

(One research scholar from each research laboratory of the Department of Zoology)

Topics to be covered:

- Fundamentals of Confocal Microscopy
- Sample preparation
- Confocal microscope operation, image acquisition, and data analysis
- Hands-on Experience
- Troubleshooting and Problem-Solving