



International Symposium on Ciliate Biology 2025 & Interdisciplinary Research



Pre-Symposium Workshops on

- 1) Ciliate Identification, Taxonomy and Phylogeny
- 2) Genomics, Metagenomics and Bioinformatics (Eukaryotes)

organized by

Acharya Narendra Dev College

University of Delhi

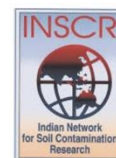
under the aegis of DBT STAR STATUS SCHEME/IQAC

in association with

Indian Society of Ciliate Biology (ISoCB)

affiliated society of

Indian Network of Soil Contamination Research (INSCR) &
International Society of Protistologists (ISOP)



partnered by



Pre-Symposium Workshop: February 03, 2025



Acharya Narendra Dev College, New Delhi, INDIA



Workshop Schedule

Time	Activity (Venue)	Resource Person /Affiliation
08:30am – 09:00am	Registration and Introduction	
09:00am - 09:15am	Collection of ciliates from freshwater and soil (Zoology Lab I, II and III)	Prof Seema Makhija Ms Jyoti Dagar Ms Swati Maurya
09:15am - 10:00am	Physico-Chemical Analysis of water and soil sample	Ms Swati Maurya Mr Sandeep Antil Ms Jyoti Dagar Ms VijayaLaxmi PA Ms Arpita Sharma
10:00am - 10:15am	Tea	
10:15am - 10:45am	Ciliate Culturing	Ms Swati Maurya Mr Sandeep Antil Ms Anshika Tyagi Ms Urvashi Arora
10:45am - 1:00pm	Ciliate Identification	Prof Seema Makhija Ms Swati Maurya Mr Sandeep Antil Ms Jyoti Dagar Mr Hritik Kadian
01:00pm - 01:30pm	Lunch	
01:30pm - 02:00pm	DNA Isolation from ciliates	Mr Sandeep Antil Ms Jyoti Dagar Mr Hritik Kadian
02:00pm- 02:30pm	Primer Designing	Prof Ravi Toteja Mr Sandeep Antil
02:30 pm - 03:00 pm	PCR and Sequencing	Prof Ravi Toteja Dr S. Sripoorna Mr Sandeep Antil Ms Vinita Kumari Ms Rimjhim Shukla
03:00pm – 04:00pm	Phylogenetic Analysis using Bioinformatics Tools	Prof Ravi Toteja Prof Seema Makhija Dr S. Sripoorna
04:00 pm	Valedictory and Feedback	
04:15 pm	Tea	