



# INTERNATIONAL SOCIETY FOR MICROBIAL ECOLOGY

विकसित भारत  
अभियान  
1947 - 2047



# ISME

in collaboration with

## ACHARYA NARENDRA DEV COLLEGE

(under the aegis of IQAC and DBT Star College Scheme)

organizes

### Pre-conference Workshop of INSCR 2024

on

## Genomics, Metagenomics and Bioinformatics in Microbial Ecology



April 02, 2024



09:00 am – 04:00 pm



Computer Lab, ANDC

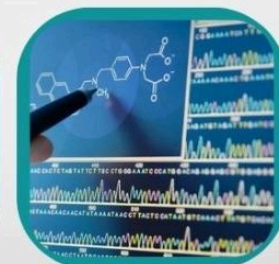
### Resource persons

- Prof. Rup Lal, Senior ISME Ambassador, India
- Dr. Utkarsh Sood, Assistant Professor, Kirori Mal College, University of Delhi
- Prof. Thulani Makhalanyane, Editor in Chief, Reviews and Perspectives, The ISME Journal and Professor, University of Pretoria, South Africa
- Dr. Princy Hira, Scientist, PhiXgen Pvt. Ltd.
- Dr. Helianthous, Assistant Professor, Ramjas College, University of Delhi
- Dr. Nirjara Singhvi, School of Allied Sciences, Dev Bhoomi Uttarakhand University
- Mr. Roshan Kumar, Department of Zoology, Magadh University

**Best Interjector  
Award worth  
INR 1000**

**Registration Fees : INR 500**

Please register at <https://www.andcollege.du.ac.in/inscr24/workshopregistrationform>





**Workshop on “Genomics, Metagenomics & Bioinformatics in Microbial Ecology”**

Time	Event/Topic	Speaker/Resource Person
09:00-09:05	Introductory Remarks and Welcome Address	<b>Prof. Ravi Toteja</b> <i>Officiating Principal Acharya Narendra Dev College University of Delhi</i>
09:05-09:15	Introduction to ISME & Activities in India	<b>Prof. Rup Lal</b> <i>Senior ISME Ambassador, India Acharya Narendra Dev College University of Delhi</i>
09:15-09:30	Introduction to Plenary Speaker & ISME Journals	<b>Dr. Utkarsh Sood</b> <i>Assistant Professor Kirori Mal College University of Delhi</i>
09:30-10:00	Publishing with ISME, an Editor in Chief's view	<b>Prof. Thulani Makhalanyane</b> Editor in Chief, Reviews and Perspectives The ISME Journal Professor, University of Pretoria, South Africa
10:00-10:30	Role and Importance of Computational Biology in Microbial Ecology	<b>Prof. Rup Lal</b> <i>Senior ISME Ambassador, India Acharya Narendra Dev College University of Delhi</i>
10:30-11:00	Tea Break	
<b>Hands-on Workshop</b> <b><u>“Genomics, Metagenomics &amp; Bioinformatics in Microbial Ecology”</u></b>		
11:00-11:50	Introduction to Genomics and Computational Databases	<b>Dr. Utkarsh Sood</b> <i>Assistant Professor Kirori Mal College University of Delhi</i>
11:50-12:30	Genome Annotations by RAST	<b>Dr. Princy Hira</b> <i>PhiXgen Pvt. Ltd.</i>
12:30-13:10	Sequence Alignment and Phylogeny	<b>Dr. Helianthous</b> <i>Assistant Professor Ramjas College University of Delhi</i>
13:10-14:00	Lunch Break	
14:00-14:40	Protein Modelling	<b>Dr. Nirjara Singhvi</b> <i>School of Allied Sciences DBUU</i>
14:40-15:20	Multi-omics Data Analysis to Understand Microbial Ecology	<b>Roshan Kumar</b> <i>PG Department of Zoology Magadh University</i>
15:20-15:30	Concluding Remarks	--
15:30-15:45	Queries & Best Interjector Award	--

**Note: Best Interjector Prize of Rs 1000/- will be awarded for active participation during the workshop.**

**Participants should have a good internet connection and laptop.**