



03 Days

Webinar-cum-Workshop on Microbial Ecology : Tools, Techniques and Significance in Agriculture

Agri-India TODAY
Monthly e-Magazine cum Newsletter
(ISSN: 2583-0910)
website : <https://www.agriindiatoday.in>

May 01-03, 2025

Time : 6.00 pm - 8.00 pm

About the workshop

In this three days webinar cum workshop, let us explore the ecological interaction among the microbial communities and their interaction with plants. Let us learn the culture dependent, culture independent and microscopy based approach to study the ecosystems. Designing media for bacterial culture, learning softwares for soil DNA assessment and observing ecological phenomena using microscope will be a part of this webinar cum workshop series. By the end of this webinar series, the participants will gain a holistic and updated knowledge about the microbial ecosystems, their hierarchy, functions, interactions and networks.



May 01
2025

Topic : Rhizosphere to endophytic life of human pathogens : culture-dependent approach

Prof. Dipshikha Chakravorty

Department of Microbiology and Cell Biology
Indian Institute of Science, Bangalore



May 02
2025

Topic : Use of microscope for studying ecological phenomena

Dr. Samay Pande

Department of Microbiology and Cell Biology
Indian Institute of Science, Bangalore



May 03
2025

Topic : Tools for working with unculturable microbes : Who they are and what are they doing ?

Dr. Gaurav Sharma

Department of Biotechnology
Indian Institute of Technology, Hyderabad



How to apply?

Participants are required to fill the online registration from by clicking on the following link:
<https://forms.gle/BfcsELXaWbx5Upox9>

Last Date

Seats available on first-come, first-served basis

E-certificate will be provided to registered candidates

Organizing Secretary

Dr. Kapudeep Karmakar

Target Audiences

Registration is open to Scientists,
Faculty member, Research Scholar,
PG students and participants
from industries

Payment

Account Holder's Name
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Registration Fees

Rs. 200 : Scientists, Faculty Members, Participants
from Industries

Rs. 100 : Research Scholar and PG Students

Coordinators

Dr. Biplov Chandra Sarkar, Assistant Professor, GLA University, UP (7098779086)
Dr. Rakesh Yonzone, Assistant Professor, COA, UBKV, WB (9635231406)
Dr. Maimom Soniya Devi, Assistant Professor, COH, CAU (I), Sikkim (8697414360)
Mr. Biswajit Talukder, Magazine and Website Manager, Agri-India TODAY (9434109470)