



Agricultural Microbiology Workshops

Agricultural Microbiology Workshops

NTHRYS BIOTECH LABS provides a diverse array of workshops in the realm of Agricultural Microbiology. Explore our comprehensive offerings below

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Agricultural Microbiology Exploration Zone: Pick Your Workshop Passion!

1. [Workshop in Introduction to Agricultural MicrobiologyPDF](#)
2. [Workshop in Advanced Techniques in Agricultural MicrobiologyPDF](#)
3. [Workshop in Emerging Trends in Agricultural MicrobiologyPDF](#)

1. Workshop in Introduction to Agricultural Microbiology

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Date: Pre Selected Date

Fee: Rs 6000/-

Duration: One Day

Mode: Offline and Virtual

Location for Offline: NBL Cherlapalli IDA Branch

Facilitator(s): NTHRYS TEAM

8:00 AM - 8:30 AM: Registration and Welcome Coffee

Participants arrive, register, and network over coffee.

8:30 AM - 8:45 AM: Opening Remarks

Welcome by the host.

Brief overview of today's focus.

8:45 AM - 10:15 AM: Session 1: Basics of Agricultural Microbiology

Introduction to the role of microorganisms in agriculture.

Overview of soil microbiology and its impact on crop health.

10:15 AM - 10:30 AM: Coffee / Tea / Snacks Break

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Microbial Techniques

Hands-on training on microbial culture techniques and isolation methods.

Practical session on identifying beneficial and harmful microorganisms.

12:00 PM - 1:00 PM: Lunch Break

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Plant-Microbe Interactions

Overview of symbiotic relationships between plants and microbes.

Practical exercises on nitrogen fixation and mycorrhizal associations.

2:30 PM - 2:45 PM: Short Break

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Applications in Crop Protection

Discussion on the use of microorganisms in pest and disease management.

Case studies on biocontrol agents and microbial pesticides.

4:15 PM - 4:30 PM: Coffee / Tea / Snacks Break

Last networking opportunity with snacks.

4:30 PM - 5:30 PM: Closing Session: Implementing Changes and Technology Adoption

Group discussions on implementing new techniques learned today.
Dialogue on overcoming challenges in adopting new technologies in similar sectors.
Feedback session and closing remarks.

Certificate Issue

5:30 PM: Workshop Concludes

2. Workshop in Advanced Techniques in Agricultural Microbiology

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Date: Pre Selected Date

Fee: Rs 6000/-

Duration: One Day

Mode: Offline and Virtual

Location for Offline: NBL Cherlapalli IDA Branch

Facilitator(s): NTHRYS TEAM

8:00 AM - 8:30 AM: Registration and Welcome Coffee

Participants arrive, register, and network over coffee.

8:30 AM - 8:45 AM: Opening Remarks

Welcome by the host.
Brief overview of today's focus.

8:45 AM - 10:15 AM: Session 1: Molecular Microbiology

Introduction to molecular techniques in microbiology.
Practical demonstration of PCR and sequencing methods for microbial identification.

10:15 AM - 10:30 AM: Coffee / Tea / Snacks Break

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Soil Health and Microbial Communities

Overview of the role of microbial communities in soil health.
Hands-on session on soil microbial diversity analysis.

12:00 PM - 1:00 PM: Lunch Break

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Fermentation Technology

Introduction to fermentation processes and their applications in agriculture.
Practical session on fermenting biofertilizers and biopesticides.

2:30 PM - 2:45 PM: Short Break

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Microbial Biotechnology

Applications of microbial biotechnology in enhancing crop productivity.
Case studies on genetically modified microbes for improved agricultural outcomes.

4:15 PM - 4:30 PM: Coffee / Tea / Snacks Break

Last networking opportunity with snacks.

4:30 PM - 5:30 PM: Closing Session: Implementing Changes and Technology Adoption

Group discussions on implementing new techniques learned today.
Dialogue on overcoming challenges in adopting new technologies in similar sectors.
Feedback session and closing remarks.

Certificate Issue

5:30 PM: Workshop Concludes

3. Workshop in Emerging Trends in Agricultural Microbiology

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Date: Pre Selected Date

Fee: Rs 6000/-

Duration: One Day

Mode: Offline and Virtual

Location for Offline: NBL Cherlapalli IDA Branch

Facilitator(s): NTHRYS TEAM

8:00 AM - 8:30 AM: Registration and Welcome Coffee

Participants arrive, register, and network over coffee.

8:30 AM - 8:45 AM: Opening Remarks

Welcome by the host.

Brief overview of today's focus.

8:45 AM - 10:15 AM: Session 1: Microbiome Research

Introduction to microbiome research and its relevance to agriculture.

Practical session on analyzing plant and soil microbiomes.

10:15 AM - 10:30 AM: Coffee / Tea / Snacks Break

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Bioremediation

Overview of bioremediation techniques using microorganisms.

Hands-on workshop on using microbes to detoxify polluted soils.

12:00 PM - 1:00 PM: Lunch Break

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Bioinformatics in Microbiology

Introduction to bioinformatics tools for microbial research.
Practical exercises on analyzing microbial genomic data.

2:30 PM - 2:45 PM: Short Break

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Future Directions

Discussion on future trends and emerging technologies in agricultural microbiology.
Case studies on innovative microbial applications in agriculture.

4:15 PM - 4:30 PM: Coffee / Tea / Snacks Break

Last networking opportunity with snacks.

4:30 PM - 5:30 PM: Closing Session: Implementing Changes and Technology Adoption

Group discussions on implementing new techniques learned today.
Dialogue on overcoming challenges in adopting new technologies in similar sectors.
Feedback session and closing remarks.

Certificate Issue

5:30 PM: Workshop Concludes

Note: NTHRYS Management reserves the right to modify the workshop module at any time without prior notice. Registered or enrolled candidates will receive the module that is current on the day of enrollment.

NTHRYS Workshops Department

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Agricultural Microbiology Workshops Application Process

1. Select a workshop from the list.
2. Contact via whatsapp on the number present above to request fee details and dates suitable for joining. Alternatively, you can send an email to workshops (a t) nthrys [d o t] com.
3. Our Workshop department will contact you promptly to provide further assistance.