

Aquatic Microbiology Workshops

Aquatic Microbiology Workshops

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

[Aquatic Microbiology Workshops Application Process](#)

[Back to All Workshops](#)

Peak into Aquatic Microbiology: Select From Our Workshops!

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

1. Workshop in Introduction to Aquatic 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 Aquatic Microbiology

Overview of microbial life in aquatic environments.

Introduction to the roles and functions of aquatic microorganisms.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Sampling and Identification Techniques

Hands-on training on sampling techniques for aquatic environments.

Practical session on identifying microorganisms using microscopy and molecular tools.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Aquatic Microbial Ecology

Overview of the ecological roles of microorganisms in aquatic systems.

Practical exercises on studying microbial interactions and nutrient cycles.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Case Studies in Aquatic Microbiology

Discussion on real-world case studies of aquatic microbiology.

Analysis of microbial diversity and function in various aquatic environments.

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 Aquatic 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 Techniques in Aquatic

Microbiology

Introduction to molecular techniques used in aquatic microbiology.
Practical demonstration of DNA extraction, PCR, and sequencing.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Aquatic Biogeochemistry

Overview of microbial processes in aquatic biogeochemical cycles.
Hands-on workshop on measuring microbial activity and biogeochemical parameters.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Microbial Biofilms in Aquatic Systems

Introduction to the formation and function of microbial biofilms.
Practical session on studying biofilm communities in aquatic environments.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Aquatic Pathogens and Public Health

Discussion on aquatic pathogens and their impact on public health.
Case studies on monitoring and controlling waterborne diseases.

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 Aquatic 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: Microbial Genomics in Aquatic Systems

Introduction to the use of genomics in studying aquatic microorganisms.

Practical session on analyzing genomic data from aquatic samples.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Aquatic Microbial Biotechnology

Overview of biotechnological applications of aquatic microorganisms.

Hands-on workshop on harnessing microbial processes for environmental and industrial applications.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Climate Change and Aquatic Microbiology

Discussion on the impact of climate change on aquatic microbial communities.
Practical exercises on studying microbial responses to environmental changes.

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 in Aquatic Microbiology

Exploration of future trends and innovations in aquatic microbiology.
Case studies on cutting-edge research and its applications.

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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Aquatic 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 0 t] com.
3. Our Workshop department will contact you promptly to provide further assistance.