



Archaea Microbiology Workshops

Archaea Microbiology Workshops

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

[Archaea Microbiology Workshops Application Process](#)

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Harness the Power of Archaea Microbiology: Your Workshop Awaits!

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

1. Workshop in Introduction to Archaea 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 Archaea Microbiology

Overview of archaea and their unique characteristics.

Introduction to the diversity and habitats of archaea.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Culturing Techniques for Archaea

Hands-on training on culturing techniques specific to archaea.

Practical session on isolating and growing archaea in the laboratory.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Molecular Methods in Archaea Research

Overview of molecular techniques used in archaea research.

Practical exercises on DNA extraction, PCR, and sequencing for archaea.

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 Archaea Microbiology

Discussion on real-world case studies involving archaea.

Analysis of archaea roles in extreme environments and biotechnological 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

2. Workshop in Advanced Techniques in Archaea 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: Genomics of Archaea

Introduction to archaeal genomics and bioinformatics.

Practical demonstration of genome sequencing and annotation.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Metabolic Pathways in Archaea

Overview of unique metabolic pathways in archaea.

Hands-on workshop on studying archaeal metabolism and enzyme activity.

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

Catered lunch and networking opportunity.

**1:00 PM - 2:30 PM: Session 3: Environmental Archaea
Microbiology**

Introduction to the role of archaea in various ecosystems.

Practical session on analyzing archaeal communities in environmental samples.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Industrial Applications of Archaea

Discussion on the use of archaea in industrial processes.

Case studies on biotechnological applications of archaea in biotechnology and bioengineering.

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 Archaea 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: Archaea in Biotechnology

Introduction to the biotechnological potential of archaea.

Practical session on harnessing archaeal enzymes and metabolic pathways for industrial applications.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Extremophiles and Astrobiology

Overview of extremophilic archaea and their relevance to astrobiology.

Hands-on workshop on studying extremophiles and their survival mechanisms.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Synthetic Biology and Archaea

Discussion on the applications of synthetic biology in archaea research.
Practical exercises on designing synthetic biology experiments with archaea.

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 Archaea Research

Exploration of future trends and innovations in archaea research.
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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Archaea 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.