



Petroleum Microbiology Workshops

Petroleum Microbiology Workshops

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

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Innovate and Inspire: Petroleum Microbiology Workshops Designed for You!

1. [Workshop in Introduction to Petroleum MicrobiologyPDF](#)
2. [Workshop in Advanced Techniques in Petroleum MicrobiologyPDF](#)
3. [Workshop in Petroleum Microbiology in Biomedical ResearchPDF](#)
4. [Workshop in Innovations in Petroleum MicrobiologyPDF](#)
5. [Workshop in Ethical and Regulatory Perspectives in Petroleum MicrobiologyPDF](#)

1. Workshop in Introduction to Petroleum 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 Petroleum Microbiology

Overview of petroleum microbiology principles and applications.

Hands-on session on understanding the role of microorganisms in petroleum systems.

Introduction to the importance of petroleum microbiology in the oil and gas industry.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Techniques in Petroleum Microbiology

Interactive session on techniques used in petroleum microbiology.

Workshop on using microbial culture, molecular methods, and bioremediation techniques.

Practical demonstration of petroleum microbiology techniques.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Microbial Enhanced Oil Recovery (MEOR)

Exploring the role of microorganisms in enhancing oil recovery.

Hands-on training on studying and applying MEOR techniques.

Case studies on the impact of petroleum microbiology in improving oil recovery.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Applications of Petroleum Microbiology

Workshop on applications of petroleum microbiology.
Practical techniques for applying petroleum microbiology in the field.
Case studies on the impact of petroleum microbiology in the oil and gas industry.

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 Petroleum 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: Advanced Petroleum Microbiology Techniques

Introduction to advanced techniques in petroleum microbiology.

Hands-on session on using next-generation sequencing, metagenomics, and other methods.

Practical demonstration of advanced petroleum microbiology applications.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Microbial Biodegradation of Hydrocarbons

Exploring microbial biodegradation of hydrocarbons.

Workshop on identifying and characterizing hydrocarbon-degrading microorganisms.

Case studies on the applications of petroleum microbiology in bioremediation.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Microbial Corrosion in Oil and Gas

Hands-on session on studying microbial corrosion in oil and gas systems.

Exploring techniques for detecting and mitigating microbial corrosion.

Practical applications of petroleum microbiology in managing corrosion.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Integrative Omics in Petroleum Microbiology

Workshop on integrating multi-omics data in petroleum microbiology research.

Practical techniques for combining genomics, proteomics, and metabolomics.

Case studies on the role of integrative omics in advancing petroleum microbiology.

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 Petroleum Microbiology in Biomedical Research

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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: Role of Petroleum Microbiology in

Environmental Research

Overview of the importance of petroleum microbiology in environmental research.
Hands-on session on studying the impact of petroleum microbiology on the environment.
Case studies on the impact of petroleum microbiology in environmental research.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Petroleum Microbiology in Oil Spill Response

Exploring the role of petroleum microbiology in oil spill response.
Workshop on using petroleum microbiology to manage and mitigate oil spills.
Case studies on the applications of petroleum microbiology in oil spill response.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Petroleum Microbiology in Waste Management

Hands-on session on the use of petroleum microbiology in waste management.
Exploring techniques for using microorganisms to treat and manage petroleum waste.
Practical applications of petroleum microbiology in waste management.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Clinical Applications of Petroleum Microbiology

Workshop on translating petroleum microbiology research into clinical practice.
Practical techniques for using petroleum microbiology data in clinical settings.
Case studies on the impact of petroleum microbiology on patient care.

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

4. Workshop in Innovations in Petroleum 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: Emerging Technologies in Petroleum Microbiology

Introduction to emerging technologies in petroleum microbiology.
Hands-on session on using advanced tools and techniques in petroleum microbiology research.
Case studies on innovative applications of new technologies in petroleum microbiology.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: AI and Machine Learning in Petroleum Microbiology

Exploring the role of AI and machine learning in petroleum microbiology.
Workshop on developing predictive models using AI and ML.
Case studies on the applications of AI in enhancing petroleum microbiology research.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Big Data Analytics in Petroleum Microbiology

Hands-on session on big data analytics in petroleum microbiology.
Exploring techniques for managing and analyzing large datasets.
Practical applications of big data analytics in petroleum microbiology.

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 Petroleum Microbiology

Discussion on emerging trends and future directions in petroleum microbiology.
Workshop on integrating new technologies in petroleum microbiology research.
Case studies on the potential impact of future innovations in petroleum microbiology.

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

5. Workshop in Ethical and Regulatory Perspectives in Petroleum 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: Ethical Considerations in Petroleum Microbiology Research

Overview of ethical issues in petroleum microbiology research.

Case studies on ethical dilemmas in studying and applying petroleum microbiology techniques.

Workshop on addressing ethical considerations in petroleum microbiology research.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Regulatory Frameworks for Petroleum Microbiology Research

Exploring regulatory guidelines and requirements for petroleum microbiology research.

Case studies on navigating regulatory challenges.

Workshop on understanding international regulatory frameworks.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Public Perception and Communication

Workshop on improving public understanding of petroleum microbiology research.

Techniques for effective science communication.

Case studies on public engagement and education initiatives.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Policy and Planning for Petroleum Microbiology Research

Discussion on policy and planning for sustainable petroleum microbiology research.

Case studies on effective policies and planning strategies.

Workshop on integrating ethical and social considerations in petroleum microbiology research.

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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Petroleum 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.