



Geo Biotechnology Workshops

Geo Biotechnology Workshops

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

[Geo Biotechnology Workshops Application Process](#)

[Back to All Workshops](#)

Geo Biotechnology Gateway: Pave Your Path with Our Workshops!

1. [Workshop in Introduction to Geo BiotechnologyPDF](#)
2. [Workshop in Advanced Techniques in Geo BiotechnologyPDF](#)
3. [Workshop in Geo Biotechnology in Environmental SciencePDF](#)
4. [Workshop in Innovations in Geo BiotechnologyPDF](#)
5. [Workshop in Ethical and Regulatory Perspectives in Geo BiotechnologyPDF](#)

1. Workshop in Introduction to Geo Biotechnology

+

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 Geo Biotechnology

Overview of geo biotechnology principles and applications.

Hands-on session on microbial techniques for soil and rock analysis.

Introduction to the importance of geo biotechnology in environmental science.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Microbial Interactions with Minerals

Interactive session on the interactions between microbes and minerals.

Workshop on techniques for studying biogeochemical cycles.

Practical demonstration of mineral-microbe interactions.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Bioleaching and Bioremediation

Exploring techniques for bioleaching and bioremediation.

Hands-on training on using microbes to extract metals and clean up pollutants.

Case studies on the applications of geo biotechnology in mining and environmental cleanup.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Geomicrobiology in Extreme

Environments

Workshop on the study of geomicrobiology in extreme environments.
Practical techniques for isolating and studying extremophiles.
Case studies on the role of extremophiles in geo biotechnology.

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 Geo Biotechnology

+

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 Analytical Techniques in Geo Biotechnology

Introduction to advanced analytical techniques for geo biotechnology.
Hands-on session on using molecular methods to study geo processes.
Practical demonstration of high-throughput techniques in geo biotechnology.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Geo Biotechnology and Environmental Monitoring

Exploring the role of geo biotechnology in environmental monitoring.
Workshop on using biosensors and bioindicators for monitoring environmental health.
Case studies on the applications of geo biotechnology in environmental science.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Metagenomics in Geo Biotechnology

Hands-on session on using metagenomics to study microbial communities in soil and rock.
Exploring techniques for analyzing metagenomic data.
Practical applications of metagenomics in geo biotechnology.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Computational Geo Biotechnology

Workshop on computational tools for geo biotechnology research.
Practical techniques for modeling geo biochemical processes.
Case studies on the use of bioinformatics in geo biotechnology.

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 Geo Biotechnology in Environmental Science

+

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 Geo Biotechnology in Environmental Science

Overview of the importance of geo biotechnology in environmental science.
Hands-on session on studying the impact of microbes on geological processes.
Case studies on the impact of geo biotechnology in environmental research.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Geo Biotechnology in Soil Science

Exploring the role of geo biotechnology in soil science.
Workshop on techniques for studying soil microbial communities.
Case studies on the applications of geo biotechnology in soil health and fertility.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Geo Biotechnology and Climate Change

Hands-on session on the role of geo biotechnology in climate change research.
Exploring techniques for studying carbon and nitrogen cycles.
Practical applications of geo biotechnology in mitigating climate change.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Geo Biotechnology in Water Science

Workshop on the role of geo biotechnology in water science.
Practical techniques for studying microbial communities in aquatic environments.
Case studies on the impact of geo biotechnology on water quality and management.

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 Geo Biotechnology

+

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 Geo Biotechnology

Introduction to emerging technologies in geo biotechnology.

Hands-on session on using advanced tools and techniques in geo biotechnology research.

Case studies on innovative applications of new technologies in geo biotechnology.

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 Geo Biotechnology

Exploring the role of AI and machine learning in geo biotechnology.

Workshop on developing predictive models for geo biochemical processes.

Case studies on the application of AI in geo biotechnology research.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Integrative Omics in Geo Biotechnology

Hands-on session on integrating multi-omics data in geo biotechnology.
Exploring techniques for combining genomics, proteomics, and metabolomics.
Practical applications of integrative omics in geo biotechnology.

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 Geo Biotechnology

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

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 Geo Biotechnology

+

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 Geo Biotechnology Research

Overview of ethical issues in geo biotechnology research.

Case studies on ethical dilemmas in studying geo processes.

Workshop on addressing ethical considerations in geo biotechnology 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 Geo Biotechnology

Exploring regulatory guidelines and requirements for geo biotechnology 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 geo biotechnology 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 Geo Biotechnology

Discussion on policy and planning for sustainable geo biotechnology research.
Case studies on effective policies and planning strategies.
Workshop on integrating ethical and social considerations in geo biotechnology 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

M: +91-7993084748

Email: workshops (a t) nthrys [d0t] com

Geo Biotechnology 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.