

Marine Biotechnology Workshops

Marine Biotechnology Workshops

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

[Marine Biotechnology Workshops Application Process](#)

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Marine Biotechnology Awaits: Navigate Through Our Workshop Offerings!

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

1. Workshop in Introduction to Marine Biotechnology

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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 Marine Biotechnology

Overview of marine biotechnology principles and applications.

Hands-on session on marine organisms and their biotechnological potential.

Introduction to the importance of marine biotechnology in research and industry.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Marine Bioprospecting

Interactive session on marine bioprospecting techniques.

Workshop on identifying and collecting marine bioresources.

Practical demonstration of bioprospecting methods.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Marine Natural Products

Exploring techniques for studying marine natural products.

Hands-on training on isolation and characterization of bioactive compounds.

Case studies on the application of marine natural products in pharmaceuticals.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Marine Biotechnology and Aquaculture

Workshop on biotechnological applications in aquaculture.

Practical techniques for enhancing aquaculture productivity.

Case studies on the role of marine biotechnology in sustainable aquaculture.

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 Marine Biotechnology

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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 and Proteomics in Marine Biotechnology

Introduction to genomics and proteomics techniques in marine biotechnology.
Hands-on session on sequencing and proteomic analysis of marine organisms.
Practical demonstration of advanced omics techniques.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Marine Biotechnology in Environmental Monitoring

Exploring the use of marine biotechnology in environmental monitoring.
Workshop on using marine bioindicators for ecosystem health assessment.
Case studies on the applications of biotechnology in marine conservation.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Marine Bioinformatics

Hands-on session on bioinformatics tools for marine biotechnology.
Exploring techniques for analyzing marine genomic and proteomic data.
Practical applications of bioinformatics in marine research.

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

Time for a stretch and informal discussions.

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

Workshop on the study of marine microbes.
Practical techniques for isolating and characterizing marine microorganisms.
Case studies on the role of marine microbes in 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 Marine Biotechnology 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 Marine Biotechnology in Disease Research

Overview of the importance of marine biotechnology in disease research.

Hands-on session on studying marine-derived compounds for disease treatment.

Case studies on the impact of marine biotechnology in biomedical research.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Marine Biotechnology in Cancer Research

Exploring the role of marine biotechnology in cancer research.
Workshop on using marine natural products to identify cancer therapeutics.
Case studies on the applications of marine biotechnology in cancer therapy.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Marine Biotechnology in Infectious Diseases

Hands-on session on the use of marine biotechnology in studying infectious diseases.
Exploring techniques for discovering antimicrobial compounds from marine sources.
Practical applications of marine biotechnology in developing treatments for infectious diseases.

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 Marine Biotechnology

Workshop on translating marine biotechnology research into clinical practice.
Practical techniques for using marine-derived compounds in clinical settings.
Case studies on the impact of marine biotechnology on medical treatments.

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 Marine Biotechnology

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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 Marine Biotechnology

Introduction to emerging technologies in marine biotechnology.

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

Case studies on innovative applications of new technologies in marine 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

Marine Biotechnology

Exploring the role of AI and machine learning in marine biotechnology.
Workshop on developing predictive models for marine research.
Case studies on the application of AI in marine 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 Marine Biotechnology

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

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 Marine Biotechnology

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

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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 Marine Biotechnology Research

Overview of ethical issues in marine biotechnology research.

Case studies on ethical dilemmas in studying marine biotechnology.

Workshop on addressing ethical considerations in marine 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 Marine Biotechnology

Exploring regulatory guidelines and requirements for marine 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 marine 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 Marine Biotechnology

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

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