

Industrial Biochemistry Workshops

Industrial Biochemistry Workshops

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

[Industrial Biochemistry Workshops Application Process](#)

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Unleash Your Potential in Industrial Biochemistry: Workshop Choices Galore!

1. [Workshop in Introduction to Industrial BiochemistryPDF](#)
2. [Workshop in Advanced Techniques in Industrial BiochemistryPDF](#)
3. [Workshop in Industrial Biochemistry in Environmental ApplicationsPDF](#)
4. [Workshop in Innovations in Industrial BiochemistryPDF](#)
5. [Workshop in Ethical and Regulatory Perspectives in Industrial BiochemistryPDF](#)

1. Workshop in Introduction to Industrial Biochemistry

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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 Industrial Biochemistry

Overview of industrial biochemistry principles and applications.

Hands-on session on biochemical processes used in industry.

Introduction to the importance of industrial biochemistry in biotechnology.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Enzyme Technology

Interactive session on enzyme technology in industrial biochemistry.

Workshop on enzyme production, purification, and applications.

Practical demonstration of enzyme assays.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Fermentation Technology

Exploring techniques for industrial fermentation processes.

Hands-on training on using bioreactors and fermentation systems.

Case studies on the application of fermentation technology in industry.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Biochemical Engineering

Workshop on biochemical engineering principles and practices.

Practical techniques for scaling up biochemical processes.

Case studies on the role of biochemical engineering in industrial 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 Industrial Biochemistry

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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 Enzyme Engineering

Introduction to advanced techniques in enzyme engineering.

Hands-on session on enzyme modification and immobilization.
Practical demonstration of advanced enzyme applications.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Metabolic Engineering

Exploring techniques for metabolic engineering in industrial biochemistry.
Workshop on genetic modification of microorganisms for enhanced production.
Case studies on the applications of metabolic engineering in industry.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Bioprocess Optimization

Hands-on session on optimizing bioprocesses for industrial applications.
Exploring techniques for improving yield and efficiency.
Practical applications of bioprocess optimization in industry.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Industrial Scale Production

Workshop on scaling up biochemical processes to industrial scale.
Practical techniques for large-scale production of biochemicals.
Case studies on the challenges and solutions in industrial scale production.

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 Industrial Biochemistry in Environmental Applications

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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 Industrial Biochemistry in Environmental Applications

Overview of the importance of industrial biochemistry in environmental applications.

Hands-on session on bioremediation and waste treatment.

Case studies on the impact of industrial biochemistry in environmental research.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Bioenergy Production

Exploring techniques for producing bioenergy from biochemical processes.

Workshop on using biomass for energy production.
Case studies on the applications of industrial biochemistry in bioenergy.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Green Chemistry

Hands-on session on green chemistry principles and practices.
Exploring techniques for developing sustainable biochemical processes.
Practical applications of green chemistry in industrial biochemistry.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Waste Valorization

Workshop on converting waste materials into valuable products.
Practical techniques for waste valorization using biochemical processes.
Case studies on the role of industrial biochemistry in waste 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 Industrial Biochemistry

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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 Industrial Biochemistry

Introduction to emerging technologies in industrial biochemistry.

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

Case studies on innovative applications of new technologies in industrial biochemistry.

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 Industrial Biochemistry

Exploring the role of AI and machine learning in industrial biochemistry.

Workshop on developing predictive models for biochemical processes.

Case studies on the application of AI in industrial biochemistry 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 Industrial Biochemistry

Hands-on session on integrating multi-omics data in industrial biochemistry.

Exploring techniques for combining genomics, proteomics, and metabolomics.
Practical applications of integrative omics in industrial biochemistry.

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 Industrial Biochemistry

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

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 Industrial Biochemistry

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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 Industrial Biochemical Research

Overview of ethical issues in industrial biochemical research.

Case studies on ethical dilemmas in studying industrial biochemistry.

Workshop on addressing ethical considerations in industrial biochemical 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 Industrial Biochemistry

Exploring regulatory guidelines and requirements for industrial biochemical 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 industrial biochemical 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 Industrial Biochemistry

Discussion on policy and planning for sustainable industrial biochemical research.
Case studies on effective policies and planning strategies.
Workshop on integrating ethical and social considerations in industrial biochemical 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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Industrial Biochemistry 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.