



## White Biotechnology Workshops

# White Biotechnology Workshops

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

[White Biotechnology Workshops Application Process](#)

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## Unleash Your Potential in White Biotechnology: Workshop Choices Galore!

1. [Workshop in Practical Techniques in White BiotechnologyPDF](#)
2. [Workshop in Advanced Techniques in White BiotechnologyPDF](#)
3. [Workshop in Emerging Technologies in White BiotechnologyPDF](#)
4. [Workshop in White Biotechnology in Industrial ApplicationsPDF](#)
5. [Workshop in Integrative Approaches in White BiotechnologyPDF](#)

### 1. Workshop in Practical Techniques in White 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: Introduction to White Biotechnology**

Overview of white biotechnology and its significance.

Techniques for industrial applications.

Case studies on white biotechnology research.

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

Networking and refreshments.

**10:30 AM - 12:00 PM: Session 2: Enzyme Engineering**

Hands-on techniques for enzyme engineering.

Practical session on using biocatalysts.

Discussion on optimizing enzyme processes.

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

Catered lunch and networking opportunity.

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

Introduction to fermentation technology.

Practical demonstration of fermentation processes.

Case studies on industrial fermentation applications.

**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 and Applications**

Review of significant case studies in white biotechnology.

Applications in biofuels, bioplastics, and other industrial products.

Future trends and research directions.

**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 White 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: Advanced Enzyme Engineering Techniques**

Advanced techniques for enzyme engineering.  
Practical session on using advanced biocatalysts.  
Troubleshooting and optimizing enzyme processes.

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

Networking and refreshments.

### **10:30 AM - 12:00 PM: Session 2: Industrial Microbiology**

Overview of industrial microbiology.  
Practical session on microbial production systems.  
Case studies on industrial microbiology applications.

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

Catered lunch and networking opportunity.

### **1:00 PM - 2:30 PM: Session 3: Metabolic Engineering**

Using metabolic engineering in white biotechnology.  
Practical session on engineering metabolic pathways.  
Case studies on metabolic engineering applications.

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

Time for a stretch and informal discussions.

### **2:45 PM - 4:15 PM: Session 4: Biotechnology in Industrial Processes**

Strategies for integrating biotechnology in industrial processes.  
Case studies on biotechnological applications.  
Future trends and challenges in the field.

### **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 Technologies in White 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: AI and Machine Learning in Industrial Biotechnology**

Introduction to AI and machine learning applications in industrial biotechnology.

Techniques for using AI in optimizing industrial processes.

Hands-on session with AI tools.

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

Networking and refreshments.

### **10:30 AM - 12:00 PM: Session 2: High-Throughput Screening**

Using high-throughput screening in white biotechnology.  
Practical session on setting up and running high-throughput assays.  
Troubleshooting and optimizing screening processes.

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

Catered lunch and networking opportunity.

### **1:00 PM - 2:30 PM: Session 3: Integrative Approaches**

Combining white biotechnology with other industrial processes.  
Case studies on integrative approaches.  
Practical session on integrating biotechnology into industrial systems.

### **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**

Emerging trends and technologies in white biotechnology.  
Discussion on potential breakthroughs and innovations.  
Networking session for collaborative research opportunities.

### **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 White Biotechnology in Industrial**

## 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: Biotechnology in Biofuel Production**

Introduction to biotechnological approaches in biofuel production.

Case studies on biofuel projects.

Practical session on designing and implementing biofuel production protocols.

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

Networking and refreshments.

### **10:30 AM - 12:00 PM: Session 2: Bioplastics and Biopolymers**

Techniques for developing bioplastics and biopolymers.

Case studies on bioplastics research.

Practical session on creating and testing bioplastics.

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

Catered lunch and networking opportunity.

### **1:00 PM - 2:30 PM: Session 3: Industrial Biotechnology for Emerging Applications**

Using white biotechnology for emerging industrial applications.  
Case studies on new biotechnological innovations.  
Practical session on developing solutions for industrial challenges.

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

Time for a stretch and informal discussions.

### **2:45 PM - 4:15 PM: Session 4: Future Challenges in Industrial Biotechnology**

Discussion on future challenges and opportunities in white biotechnology for industrial applications.  
Strategies for addressing these challenges.  
Networking session for collaborative solutions.

### **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 Integrative Approaches in White 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: Multi-Omics Data Integration**

Introduction to multi-omics data integration.

Practical session on combining genetic, epigenetic, and proteomic data.

Case studies on integrative approaches.

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

Networking and refreshments.

**10:30 AM - 12:00 PM: Session 2: White Biotechnology and Ecology**

Exploring the intersection of white biotechnology and ecology.

Case studies on ecological applications.

Practical session on ecological data analysis.

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

Catered lunch and networking opportunity.

**1:00 PM - 2:30 PM: Session 3: Computational Tools and Resources**

Overview of computational tools for white biotechnology.

Hands-on session with popular software and databases.

Discussion on best practices and resources.

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

Time for a stretch and informal discussions.

### **2:45 PM - 4:15 PM: Session 4: Future Trends and Collaborations**

Discussion on future trends in white biotechnology.  
Strategies for fostering collaborations.  
Networking session for potential partnerships.

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

## **White 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.