

## Life Sciences Workshops

# Life Sciences Workshops

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

[Life Sciences Workshops Application Process](#)

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## Transform Your Understanding: Engage in Our Life Sciences Workshops!

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

### 1. Workshop in Introduction to Life Sciences

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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 Life Sciences**

Overview of life sciences principles and applications.

Hands-on session on fundamental techniques in biology.

Introduction to the importance of life sciences 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: Cellular Biology**

Interactive session on cellular biology techniques.

Workshop on microscopy, cell culture, and other methods.

Practical demonstration of cellular biology experiments.

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

Catered lunch and networking opportunity.

**1:00 PM - 2:30 PM: Session 3: Molecular Biology**

Exploring techniques for studying molecular biology.

Hands-on training on PCR, cloning, and sequencing.

Case studies on the application of molecular biology in research.

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

Time for a stretch and informal discussions.

**2:45 PM - 4:15 PM: Session 4: Genetics and Genomics**

Workshop on genetic and genomic techniques.

Practical techniques for gene editing and analysis.

Case studies on the role of genetics and genomics in life sciences.

**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 Life Sciences**

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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 Cellular and Molecular Techniques**

Introduction to advanced techniques in cellular and molecular biology.

Hands-on session on using CRISPR, RNAi, and other methods.  
Practical demonstration of advanced experimental techniques.

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

Networking and refreshments.

### **10:30 AM - 12:00 PM: Session 2: Bioinformatics in Life Sciences**

Exploring bioinformatics tools and techniques.  
Workshop on data analysis and interpretation.  
Case studies on the applications of bioinformatics in life sciences.

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

Catered lunch and networking opportunity.

### **1:00 PM - 2:30 PM: Session 3: Proteomics and Metabolomics**

Hands-on session on proteomics and metabolomics techniques.  
Exploring techniques for protein and metabolite analysis.  
Practical applications of omics technologies in research.

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

Time for a stretch and informal discussions.

### **2:45 PM - 4:15 PM: Session 4: Structural Biology**

Workshop on structural biology methods.  
Practical techniques for studying biomolecular structures.  
Case studies on the role of structural biology in understanding biological functions.

### **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 Life Sciences 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 Life Sciences in Disease Research**

Overview of the importance of life sciences in disease research.

Hands-on session on studying disease mechanisms.

Case studies on the impact of life sciences in biomedical research.

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

Networking and refreshments.

**10:30 AM - 12:00 PM: Session 2: Life Sciences in Cancer Research**

Exploring the role of life sciences in cancer research.

Workshop on using life sciences techniques to study cancer.

Case studies on the applications of life sciences in cancer therapy.

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

Catered lunch and networking opportunity.

### **1:00 PM - 2:30 PM: Session 3: Life Sciences in Infectious Diseases**

Hands-on session on the study of infectious diseases.

Exploring techniques for studying pathogen-host interactions.

Practical applications of life sciences 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 Life Sciences**

Workshop on translating life sciences research into clinical practice.

Practical techniques for using life sciences data in clinical settings.

Case studies on the impact of life sciences 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 Life Sciences**

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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 Life Sciences**

Introduction to emerging technologies in life sciences.

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

Case studies on innovative applications of new technologies in life sciences.

### **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 Life Sciences**

Exploring the role of AI and machine learning in life sciences.

Workshop on developing predictive models for biological data.

Case studies on the application of AI in life sciences 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 Life Sciences**

Hands-on session on integrating multi-omics data in life sciences.

Exploring techniques for combining genomics, proteomics, and metabolomics.

Practical applications of integrative omics in life sciences.

**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 Life Sciences**

Discussion on emerging trends and future directions in life sciences.

Workshop on integrating new technologies in life sciences research.

Case studies on the potential impact of future innovations in life sciences.

**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 Life Sciences**

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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 Life Sciences Research**

Overview of ethical issues in life sciences research.

Case studies on ethical dilemmas in studying life sciences.

Workshop on addressing ethical considerations in life sciences 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 Life Sciences**

Exploring regulatory guidelines and requirements for life sciences 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 life sciences 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 Life Sciences**

Discussion on policy and planning for sustainable life sciences research.

Case studies on effective policies and planning strategies.

Workshop on integrating ethical and social considerations in life sciences 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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**Email: workshops ( a t ) nthrys [ d0t ] com**

**Life Sciences 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.