

## Virology Workshops

# Virology Workshops

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

[Virology Workshops Application Process](#)

[Back to All Workshops](#)

## Step into the World of Virology: Select a Workshop!

1. [Workshop in Practical Techniques in VirologyPDF](#)
2. [Workshop in Advanced Techniques in VirologyPDF](#)
3. [Workshop in Emerging Technologies in VirologyPDF](#)
4. [Workshop in Virology in Disease PreventionPDF](#)
5. [Workshop in Integrative Approaches in VirologyPDF](#)

## 1. Workshop in Practical Techniques in Virology

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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 Virology**

Overview of virology and its significance.

Techniques for studying viruses and viral infections.

Case studies on virology research.

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

Networking and refreshments.

### **10:30 AM - 12:00 PM: Session 2: Viral Culturing and Identification**

Hands-on techniques for culturing and identifying viruses.

Practical session on using virological tools.

Discussion on optimizing viral identification processes.

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

Catered lunch and networking opportunity.

### **1:00 PM - 2:30 PM: Session 3: Antiviral Resistance**

Introduction to antiviral resistance.

Practical demonstration of testing for resistance.

Case studies on managing antiviral resistance.

### **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 virology.

Applications in disease prevention and treatment.

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 Virology**

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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 Viral Identification Techniques**

Advanced techniques for identifying viruses.

Practical session on using advanced virological tools.  
Troubleshooting and optimizing viral identification processes.

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

Networking and refreshments.

**10:30 AM - 12:00 PM: Session 2: Virus-Host Interactions**

Overview of virus-host interaction studies.  
Practical session on studying viral interactions with hosts.  
Case studies on virus-host interactions.

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

Catered lunch and networking opportunity.

**1:00 PM - 2:30 PM: Session 3: Viral Genomics**

Using viral genomics in virology.  
Practical session on sequencing and analyzing viral genomes.  
Case studies on viral genomics 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 Virology**

Strategies for integrating biotechnology in virology.  
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 Virology**

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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 Virology**

Introduction to AI and machine learning applications in virology.

Techniques for using AI in viral data analysis.

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 virology.

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 virology with other biological data.  
Case studies on integrative approaches.  
Practical session on multi-omics data integration.

### **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 virology.  
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 Virology in Disease Prevention**

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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: Viral Pathogens in Human Disease**

Introduction to viral pathogens in human disease.

Case studies on viral pathogen research.

Practical session on analyzing disease data.

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

Networking and refreshments.

**10:30 AM - 12:00 PM: Session 2: Antiviral Therapies**

Techniques for developing antiviral therapies.

Case studies on antiviral research.

Practical session on creating and testing antiviral therapies.

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

Catered lunch and networking opportunity.

**1:00 PM - 2:30 PM: Session 3: Biotechnology for Emerging Viral Diseases**

Using virology to combat emerging viral diseases.

Case studies on research for new pathogens.

Practical session on developing solutions for emerging threats.

**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 Disease Prevention**

Discussion on future challenges and opportunities in virology for disease prevention.  
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 Virology**

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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: Virology and Ecology**

Exploring the intersection of virology 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 virology.  
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 virology.  
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**

## **Virology 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.