



## Plasma Processing Workshops

# Plasma Processing Workshops

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

[Plasma Processing Workshops Application Process](#)

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## Embark on a Plasma Processing Adventure: Find the Perfect Workshop!

1. [Workshop in Practical Techniques in Plasma ProcessingPDF](#)
2. [Workshop in Advanced Techniques in Plasma ProcessingPDF](#)
3. [Workshop in Emerging Technologies in Plasma ProcessingPDF](#)
4. [Workshop in Plasma Processing and Material SciencePDF](#)
5. [Workshop in Integrative Approaches in Plasma ProcessingPDF](#)

### 1. Workshop in Practical Techniques in Plasma Processing

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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 Plasma Processing**

Overview of plasma processing and its applications.

Techniques for generating and controlling plasma.

Case studies on plasma applications in various industries.

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

Networking and refreshments.

**10:30 AM - 12:00 PM: Session 2: Plasma Generation Techniques**

Hands-on techniques for plasma generation.

Practical session on different methods of creating plasma.

Discussion on safety and handling of plasma systems.

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

Catered lunch and networking opportunity.

**1:00 PM - 2:30 PM: Session 3: Applications of Plasma in Material Processing**

Introduction to plasma applications in material processing.

Practical demonstration of plasma etching and deposition.

Case studies on improving material properties using plasma.

**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 plasma processing.

Applications in electronics, manufacturing, and healthcare.

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 Plasma Processing

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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 Plasma Diagnostics**

Advanced techniques for plasma diagnostics.

Practical session on using diagnostic tools for plasma characterization.  
Troubleshooting and optimizing plasma systems.

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

Networking and refreshments.

**10:30 AM - 12:00 PM: Session 2: Plasma Surface Modification**

Overview of plasma surface modification techniques.  
Practical session on modifying surfaces with plasma treatments.  
Case studies on improving surface properties using plasma.

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

Catered lunch and networking opportunity.

**1:00 PM - 2:30 PM: Session 3: Plasma-Assisted Deposition Techniques**

Using plasma for deposition of thin films and coatings.  
Practical session on plasma-enhanced chemical vapor deposition (PECVD).  
Case studies on deposition applications.

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

Time for a stretch and informal discussions.

**2:45 PM - 4:15 PM: Session 4: Plasma Processing in Nanotechnology**

Strategies for using plasma in nanotechnology applications.  
Case studies on nanomaterial synthesis using plasma.  
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 Plasma Processing**

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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: Plasma Medicine**

Introduction to plasma applications in medicine.

Techniques for using plasma in sterilization and wound healing.

Hands-on session with plasma medical devices.

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

Networking and refreshments.

**10:30 AM - 12:00 PM: Session 2: Atmospheric Pressure Plasma**

Using atmospheric pressure plasma for industrial applications.

Practical session on generating and using atmospheric plasma.

Case studies on industrial applications of atmospheric plasma.

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

Catered lunch and networking opportunity.

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

Combining plasma processing with other technologies.

Case studies on integrative approaches.

Practical session on multi-disciplinary plasma applications.

### **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 plasma processing.

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 Plasma Processing and Material Science**

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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: Plasma Etching and Cleaning**

Introduction to plasma etching and cleaning techniques.

Case studies on improving material surfaces with plasma.

Practical session on etching and cleaning processes.

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

Networking and refreshments.

**10:30 AM - 12:00 PM: Session 2: Plasma-Enhanced Coatings**

Techniques for applying plasma-enhanced coatings.

Case studies on coating applications.

Practical session on coating processes.

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

Catered lunch and networking opportunity.

**1:00 PM - 2:30 PM: Session 3: Plasma in Semiconductor Manufacturing**

Using plasma in the semiconductor manufacturing process.

Case studies on plasma applications in electronics.

Practical session on semiconductor processing.

**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 Material Science**

Discussion on future challenges and opportunities in plasma processing for material science.

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 Plasma Processing**

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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-Disciplinary Plasma Applications**

Introduction to multi-disciplinary plasma applications.  
Practical session on combining plasma with other technologies.  
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: Plasma and Environmental Science**

Exploring the intersection of plasma processing and environmental science.  
Case studies on environmental 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 plasma processing.  
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 plasma processing.  
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**

## **Plasma Processing 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.