



Hplc Gc Workshops

Hplc Gc Workshops

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

[Hplc Gc Workshops Application Process](#)

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Harness the Power of Hplc Gc: Your Workshop Awaits!

1. [Workshop in Introduction to HPLC and GCPDF](#)
2. [Workshop in Advanced Techniques in HPLC and GCPDF](#)
3. [Workshop in HPLC and GC in Biomedical ResearchPDF](#)
4. [Workshop in Innovations in HPLC and GCPDF](#)
5. [Workshop in Ethical and Regulatory Perspectives in ChromatographyPDF](#)

1. Workshop in Introduction to HPLC and GC

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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 HPLC and GC

Overview of High-Performance Liquid Chromatography (HPLC) and Gas Chromatography (GC) principles.

Hands-on session on the basics of chromatography.

Introduction to the importance of HPLC and GC in analytical chemistry.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Instrumentation and Operation

Interactive session on HPLC and GC instrumentation and operation.

Workshop on setting up and calibrating chromatographic systems.

Practical demonstration of sample preparation and injection techniques.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Data Analysis and Interpretation

Exploring techniques for data analysis and interpretation in HPLC and GC.

Hands-on training on chromatogram analysis and peak identification.

Case studies on the application of HPLC and GC in various fields.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Troubleshooting and Maintenance

Workshop on troubleshooting and maintaining HPLC and GC systems.

Practical techniques for identifying and solving common issues.

Case studies on best practices for system maintenance.

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 HPLC and GC

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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 Chromatographic Techniques

Introduction to advanced techniques in HPLC and GC.

Hands-on session on using advanced chromatographic methods.
Practical demonstration of gradient elution and multidimensional chromatography.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Method Development and Validation

Exploring techniques for method development and validation in HPLC and GC.
Workshop on creating robust analytical methods.
Case studies on the validation of chromatographic methods.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Applications in Pharmaceutical Analysis

Hands-on session on the application of HPLC and GC in pharmaceutical analysis.
Exploring techniques for drug analysis and quality control.
Practical applications of chromatography in the pharmaceutical industry.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Environmental and Food Analysis

Workshop on the use of HPLC and GC in environmental and food analysis.
Practical techniques for analyzing environmental samples and food products.
Case studies on the impact of chromatography in environmental and food safety.

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 HPLC and GC 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 HPLC and GC in Biomedical Research

Overview of the importance of HPLC and GC in biomedical research.

Hands-on session on using chromatography for biomarker analysis.

Case studies on the impact of HPLC and GC in biomedical research.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Chromatography in Clinical Diagnostics

Exploring the role of chromatography in clinical diagnostics.

Workshop on using HPLC and GC for diagnosing diseases.

Case studies on the applications of chromatography in clinical settings.

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

Catered lunch and networking opportunity.

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

Hands-on session on using HPLC and GC in metabolomics and proteomics.

Exploring techniques for analyzing metabolites and proteins.

Practical applications of chromatography in omics research.

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 HPLC and GC

Workshop on translating chromatographic research into clinical practice.

Practical techniques for using chromatography data in clinical settings.

Case studies on the impact of HPLC and GC 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 HPLC and GC

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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 Chromatography

Introduction to emerging technologies in HPLC and GC.

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

Case studies on innovative applications of new technologies in chromatography.

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 Chromatography

Exploring the role of AI and machine learning in chromatography.

Workshop on developing predictive models for chromatographic analysis.

Case studies on the application of AI in chromatographic 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 Chromatography

Hands-on session on integrating multi-omics data in chromatography.

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

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 Chromatography

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

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 Chromatography

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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 Chromatographic Research

Overview of ethical issues in chromatographic research.

Case studies on ethical dilemmas in using HPLC and GC.

Workshop on addressing ethical considerations in chromatographic 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 Chromatography

Exploring regulatory guidelines and requirements for chromatographic 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 chromatographic 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 Chromatographic Research

Discussion on policy and planning for sustainable chromatographic research.
Case studies on effective policies and planning strategies.
Workshop on integrating ethical and social considerations in chromatographic 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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Hplc Gc 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.