



## NTHRYS WORKSHOPS

# Advanced Techniques In Hplc And Gc

### 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**