



## NTHRYS WORKSHOPS

# Introduction To Industrial Biochemistry

### 8:45 AM - 10:15 AM: Session 1: Basics of Industrial Biochemistry

Overview of industrial biochemistry principles and applications.  
Hands-on session on biochemical processes used in industry.  
Introduction to the importance of industrial biochemistry in biotechnology.

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

Networking and refreshments.

### 10:30 AM - 12:00 PM: Session 2: Enzyme Technology

Interactive session on enzyme technology in industrial biochemistry.  
Workshop on enzyme production, purification, and applications.  
Practical demonstration of enzyme assays.

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

Catered lunch and networking opportunity.

### 1:00 PM - 2:30 PM: Session 3: Fermentation Technology

Exploring techniques for industrial fermentation processes.

Hands-on training on using bioreactors and fermentation systems.  
Case studies on the application of fermentation technology in industry.

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

Time for a stretch and informal discussions.

### **2:45 PM - 4:15 PM: Session 4: Biochemical Engineering**

Workshop on biochemical engineering principles and practices.  
Practical techniques for scaling up biochemical processes.  
Case studies on the role of biochemical engineering in industrial applications.

### **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**