



## NTHRYS WORKSHOPS

# Introduction To Bioengineering

### **8:45 AM - 10:15 AM: Session 1: Basics of Bioengineering**

Overview of bioengineering and its significance.  
Introduction to the principles and applications of bioengineering.

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

Networking and refreshments.

### **10:30 AM - 12:00 PM: Session 2: Biomaterials and Tissue Engineering**

Hands-on training on biomaterials and their use in tissue engineering.  
Practical session on designing and fabricating biomaterials.

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

Catered lunch and networking opportunity.

### **1:00 PM - 2:30 PM: Session 3: Biomedical Devices and Instrumentation**

Overview of biomedical devices and their design.  
Practical exercises on developing and testing biomedical instruments.

**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 in Bioengineering**

Discussion on real-world case studies in bioengineering.  
Analysis of bioengineering projects in healthcare and industry.

**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**