



## NTHRYS WORKSHOPS

# Introduction To Medical Physics

### 8:45 AM - 10:15 AM: Session 1: Basics of Medical Physics

Overview of medical physics principles and applications.  
Hands-on session on the study of physical processes in the human body.  
Introduction to the importance of medical physics in healthcare.

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

Networking and refreshments.

### 10:30 AM - 12:00 PM: Session 2: Diagnostic Imaging

Interactive session on diagnostic imaging techniques.  
Workshop on using X-rays, MRI, and ultrasound for medical imaging.  
Practical demonstration of diagnostic imaging methods.

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

Catered lunch and networking opportunity.

### 1:00 PM - 2:30 PM: Session 3: Radiation Therapy

Exploring radiation therapy techniques and their clinical significance.

Hands-on training on using radiation for cancer treatment.  
Case studies on the role of radiation therapy in medical treatments.

### **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 Medical Physics**

Workshop on the applications of physics in clinical settings.  
Practical techniques for using physical principles in patient care.  
Case studies on the impact of medical physics on healthcare.

### **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**