



## NTHRYS WORKSHOPS

# Foundations Of Computer Science

### **8:45 AM - 10:15 AM: Session 1: Introduction to Computer Science**

Overview of computer science and its fundamental concepts.  
Introduction to algorithms, data structures, and computational thinking.

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

Networking and refreshments.

### **10:30 AM - 12:00 PM: Session 2: Programming Fundamentals**

Hands-on training on programming fundamentals using a selected programming language.  
Practical session on problem-solving and algorithmic thinking.

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

Catered lunch and networking opportunity.

### **1:00 PM - 2:30 PM: Session 3: Data Structures and Algorithms**

Overview of data structures and algorithms commonly used in computer science.  
Practical exercises on implementing and analyzing algorithms.

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

Time for a stretch and informal discussions.

**2:45 PM - 4:15 PM: Session 4: Software Engineering Principles**

Discussion on software engineering principles and best practices.  
Case studies on software development methodologies and project management.

**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**