



NTHRYS WORKSHOPS

Introduction To Nanotechnology

8:45 AM - 10:15 AM: Session 1: Basics of Nanotechnology

Overview of nanotechnology principles and applications.
Hands-on session on studying nanomaterials and their roles in various fields.
Introduction to the importance of nanotechnology in modern science.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Techniques in Nanotechnology

Interactive session on techniques used in nanotechnology.
Workshop on using electron microscopy, nanoparticle synthesis, and molecular methods.
Practical demonstration of nanotechnology techniques.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Nanomaterials and Their Applications

Exploring various types of nanomaterials and their applications.

Hands-on training on synthesizing and characterizing nanomaterials.
Case studies on the role of nanotechnology in developing new materials.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Nanotechnology in Medicine

Workshop on nanotechnology applications in medicine.
Practical techniques for developing nanomedicines and diagnostics.
Case studies on the applications of nanotechnology in 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