



NTHRYS WORKSHOPS

Introduction To Biological Engineering

8:45 AM - 10:15 AM: Session 1: Basics of Biological Engineering

Overview of biological engineering and its significance.
Introduction to principles and applications in biological systems.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Biomaterials and Biofabrication

Hands-on training on biomaterials and biofabrication techniques.
Practical session on designing and producing biomaterials for engineering applications.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Bioreactors and Bioprocessing

Overview of bioreactor design and bioprocessing.
Practical exercises on setting up and optimizing bioreactors for biological production.

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 Biological Engineering

Discussion on real-world case studies in biological engineering.
Analysis of successful projects in healthcare, agriculture, 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