



NTHRYS WORKSHOPS

Introduction To Industrial Microbiology

8:45 AM - 10:15 AM: Session 1: Basics of Industrial Microbiology

Overview of industrial microbiology principles and applications.
Hands-on session on microbial processes used in industry.
Introduction to the importance of industrial microbiology in biotechnology.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Microbial Fermentation

Interactive session on microbial fermentation techniques.
Workshop on fermentation systems and bioreactors.
Practical demonstration of fermentation processes.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Microbial Enzyme Production

Exploring techniques for microbial enzyme production.

Hands-on training on enzyme isolation and purification.
Case studies on the application of microbial enzymes in industry.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Bioprocess Engineering

Workshop on bioprocess engineering principles and practices.
Practical techniques for optimizing microbial processes.
Case studies on the role of bioprocess engineering in industrial applications.

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