



NTHRYS WORKSHOPS

Introduction To Environmental Biotechnology

8:45 AM - 10:15 AM: Session 1: Basics of Environmental Biotechnology

Overview of environmental biotechnology principles and applications.
Hands-on session on using biotechnology for environmental conservation.
Introduction to bioremediation and waste management.

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

Networking and refreshments.

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

Interactive session on microbial applications in environmental biotechnology.
Workshop on isolating and culturing environmental microbes.
Practical demonstration of using microbes for pollution control.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Phytoremediation

Exploring the use of plants for environmental cleanup.
Hands-on training on implementing phytoremediation projects.
Case studies on successful phytoremediation applications.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Biodegradation and Biotransformation

Workshop on biodegradation of environmental pollutants.
Practical techniques for biotransformation processes.
Case studies on biotechnological approaches to waste degradation.

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