Aero Microbiology Summer Training Program

The Aero Microbiology Summer Training Program is designed for students and early-career professionals seeking foundational knowledge and hands-on experience in microbial air quality analysis during the summer season.

Note: Below modules are designed keeping high end industrial professionals into consideration. Please refer individual protocols below for affordable prices.

Fundamentals of Aero Microbiology

Kindly review the fees outlined for the individual protocols listed in this module.

- Understanding sources and dispersion of airborne microbes
- Applications of aero microbiology in public health and agriculture
- Basic techniques for sampling airborne microorganisms
- Analyzing microbial diversity in indoor and outdoor environments

Sampling and Analysis Techniques

Kindly review the fees outlined for the individual protocols listed in this module.

- Introduction to microbial culture techniques for bioaerosols
- Microscopic methods for identifying airborne fungi and bacteria
- Quantifying microbial load using plating and colony counts
- Safety protocols for handling air samples in the lab

Applications in Environmental Microbiology

Kindly review the fees outlined for the individual protocols listed in this module.

- Role of bioaerosols in climate and pollution studies
- Health impacts of microbial aerosols in urban settings
- Monitoring airborne allergens in public spaces

- Case studies on microbial contamination in indoor air

Individual Protocols Under Aero Microbiology Summer Training Program

1. Introduction to bioaerosols and their significance | **Fee: Contact for fee**
2. Understanding sources and dispersion of airborne microbes | **Fee: Contact for fee**
3. Applications of aero microbiology in public health and agriculture | **Fee: Contact for fee**
4. Basic techniques for sampling airborne microorganisms | **Fee: Contact for fee**
5. Analyzing microbial diversity in indoor and outdoor environments | **Fee: Contact for fee**
6. Using filters, impactors, and impingers for air sampling | **Fee: Contact for fee**
7. Introduction to microbial culture techniques for bioaerosols | **Fee: Contact for fee**
8. Microscopic methods for identifying airborne fungi and bacteria | **Fee: Contact for fee**
9. Quantifying microbial load using plating and colony counts | **Fee: Contact for fee**
10. Safety protocols for handling air samples in the lab | **Fee: Contact for fee**
11. Studying airborne microbes in agricultural ecosystems | **Fee: Contact for fee**
12. Role of bioaerosols in climate and pollution studies | **Fee: Contact for fee**
13. Health impacts of microbial aerosols in urban settings | **Fee: Contact for fee**
14. Monitoring airborne allergens in public spaces | **Fee: Contact for fee**
15. Case studies on microbial contamination in indoor air | **Fee: Contact for fee**

Please contact on +91-8977624748 for more details

Cant Come to Hyderabad? No Problem, You can do it in Virtual / Online Mode