



Aero Microbiology Online or Virtual Internship

Candidates who opt for Online or Virtual Internships will be exposed to below mentioned focused areas:

Please contact via WhatsApp on +91 - 7993084748 for fee details and joining procedures.

Online Database Searches

Students can learn to conduct comprehensive literature reviews using online databases like PubMed and Google Scholar.

2.

Online Data Collection

3.

Microbiome Analysis

4.

Sample Collection and Preparation

5.

Data Analysis and Visualization

6.

Data Visualization

Guidance on using online data visualization tools and software (e.g., Tableau, Plotly) to present their findings effectively.

Molecular Methods

Online demonstrations and tutorials for molecular biology techniques, including PCR, DNA sequencing, and metagenomic analysis.

Metagenomic Analysis

Guiding students through online resources and tools for analyzing metagenomic data, including taxonomic classification and functional annotation.

Designing Surveys

Teaching students how to design and conduct online epidemiological studies related to airborne diseases or microbial exposure.

Online Collaboration

Encouraging students to collaborate on online research projects, allowing them to work together on data collection and analysis, even if they are in different locations.

Data Ethics and Privacy

Discussing the ethical considerations of online data collection and ensuring that students understand data privacy and consent issues.

Research Proposal Development

Guiding students in developing research proposals online, including project planning, hypothesis formulation, and grant writing skills.

14.

Attendance of Online Seminars and Conferences

15.