



Medical Microbiology Training Program

This program introduces participants to the fundamentals of medical microbiology, including specimen collection, culture techniques, microscopy, biochemical testing, and antimicrobial susceptibility testing relevant to clinical settings.

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

Fundamentals of Medical Microbiology

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

- Classification and pathogenic mechanisms of bacteria, viruses, fungi, and parasites
- Sample collection, transport, and storage from clinical settings
- Sterilization and biosafety protocols in microbiology labs
- Types of culture media used for pathogen growth

Clinical Laboratory Techniques

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

- Inoculation and incubation methods for clinical cultures
- Colony morphology interpretation and identification
- Microscopic identification of pathogens in stained samples
- Automated identification systems in microbiology

Basic Antimicrobial Susceptibility Testing

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

- MIC determination using broth dilution methods
- E-test and automated antimicrobial susceptibility systems

- Interpretation of CLSI/EUCAST breakpoints
- Recording and reporting of antibiograms

Individual Protocols Under Medical Microbiology Training Program

1. Overview of medically important microorganisms | **Fee: Contact for fee**
2. Classification and pathogenic mechanisms of bacteria, viruses, fungi, and parasites | **Fee: Contact for fee**
3. Sample collection, transport, and storage from clinical settings | **Fee: Contact for fee**
4. Sterilization and biosafety protocols in microbiology labs | **Fee: Contact for fee**
5. Types of culture media used for pathogen growth | **Fee: Contact for fee**
6. Staining techniques: Gram, Ziehl–Neelsen, and special stains | **Fee: Contact for fee**
7. Inoculation and incubation methods for clinical cultures | **Fee: Contact for fee**
8. Colony morphology interpretation and identification | **Fee: Contact for fee**
9. Microscopic identification of pathogens in stained samples | **Fee: Contact for fee**
10. Automated identification systems in microbiology | **Fee: Contact for fee**
11. Disk diffusion (Kirby-Bauer) method for antibiotic sensitivity | **Fee: Contact for fee**
12. MIC determination using broth dilution methods | **Fee: Contact for fee**
13. E-test and automated antimicrobial susceptibility systems | **Fee: Contact for fee**
14. Interpretation of CLSI/EUCAST breakpoints | **Fee: Contact for fee**
15. Recording and reporting of antibiograms | **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