

Observership in Department of Microbiology at SCTIMST

Eligibility: Those undergoing MD Microbiology in a recognized Government or Private Medical College. Faculty of such institutions can also apply for observership, routing their request through the Head of institution to HOD, Microbiology

Duration: Minimum of 15 days to a maximum of 3 months.

Application: Please complete the application and take a printout. Send the application routed through the Head of Department and Head of Institution to HOD, Microbiology. If time slot is available, it will be recommended and forwarded to the Dean who will send for approval to the Director. After approval from Director, the registrar will make arrangements to issue approval letter to the candidate. Applications have to reach the office of the HOD at least one month before the planned period of observership.

Fees: A fees of Rs 5000/- for MD students and Rs 10,000/- for faculty will be charged.

Rules and regulations covering the programme: The observer should have a clear idea of which area (facilities given below) he/she needs to acquire knowledge in. A log book has to be maintained on techniques observed. This has to be signed by HOD and submitted to the office for getting the certificate. Identity cards will be issued for the duration of the observership. Library and Canteen facility are available. Accommodation will NOT be provided.

Facilities available:

1. **Lab information system** : LIS is the data recording and disseminating system of the lab which is at once fast and convenient to use for both the lab personnel and clinicians.
2. **Bacteriology and Mycology**: Consists of Media room, Bacteriology lab , Research Microscope, automated systems like BacT alert and MB BacT with VITEK 2 for accurate identification of bacteria and fungi
3. **Serology and Viral Serology** : VIDAS, ARCHITECT and Nephelometer are the main automated systems that can be seen
4. **Molecular diagnostics** : Conventional PCR and Nulamb for TB, RT-PCR for Encephalitis viruses, tropical fevers and antimicrobial resistance genes in bacteria.
5. **Central Sterile Supply Department and accredited Animal House**: The institute has a state of the art CSSD and an accredited animal house at the Biomedical Technology Wing,Poojapura. These can be visited during the observership programme.
6. **Clinical Microbiology and Hospital acquired infections**: The hospital has a good infection control programme in which the Microbiology Department takes an active role. Observers can see how such a programme is used to successfully prevent HCAI. Clinical microbiology is also part of the Department's activities and observers can have an experience of how the Microbiologist can actively take part in prevention and treatment of infections in a super specialty care setting.

Professor and Head

Dept of Microbiology

SCTIMST