



Online training programme on
**BSL-3 LABORATORY TRAINING AND
HANDLING PRACTICES FOR *Mycobacterium tuberculosis***
Biosafety level III Facility, Department of Biochemistry,
University of Delhi South Campus, New Delhi
19th – 25th July, 2021



About the facility:-

The UDSC-BSL-3 facility is a National facility providing state-of-the-art biosafety containment laboratory to various TB investigators across the country for their research activities. Apart from promoting high quality TB research in the country, one of the main objectives of the facility is to provide hands on training to students and researchers working in the area of tuberculosis research.

The program will be conducted for various academic and private institutions for skill development and quality manpower for working in containment facilities and for using pathogenic *M. tuberculosis*.



APPLY BEFORE
10th July, 2021

E-CERTIFICATES
PROVIDED

STUDY
MATERIAL
PROVIDED

REGISTRATION FEES
Rs. 1500 – FACULTY
Rs. 1000 - STUDENTS



The training program will include:-

Online session on the first day of the program will focus on 'BSL3 Facilities: Design, biosafety levels, risk assessment and beyond'

Daily sessions will be conducted by video demonstration of the following experiments related to Mycobacterial research along with live session discussions:-

1. Culturing of *M. tuberculosis* both in liquid as well as solid media, growth kinetics of *M. tuberculosis*.
2. Various stock preparations of *M. tuberculosis*.
3. *M. tuberculosis* stock CFU determination.
4. Genomic DNA isolation from *M. tuberculosis* culture
5. Electroporation of *M. tuberculosis* cells.
6. Lysate preparation from *M. tuberculosis* culture
7. Aerosol infection of animals and administration of drugs

Organizers-

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