

# Online course on Drug Discovery

(with a focus on TB drug discovery)

## ONLINE MODE

Duration - 4 days

24<sup>th</sup> – 27<sup>th</sup> May, 2022

Registration required

## REGISTRATION FEES

Rs. 1000 - STUDENTS

Rs. 1500 - FACULTY

Rs. 2000 - CORPORATE

APPLY BEFORE

23<sup>rd</sup> May, 2022

E-CERTIFICATES  
PROVIDED

STUDY  
MATERIAL  
PROVIDED

This course will provide an overview of drug discovery process against a backdrop of TB drug discovery, however, the knowledge gained will be applicable to drug discovery in general for various diseases. It will give participants a better understanding of the process involved in the discovery of a new drug in the lab before its clinical evaluation and getting launched in the market place.

## About the facility:-

The UDSC-BSL-3 facility is 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 training/courses to students/researchers on biosafety and various research areas such as drug discovery.

## SESSIONS

Daily sessions will be conducted by video demonstration/lectures on the following topics along with live session discussions:-

- Drug discovery process overview
- Target Identification, Validation & Lead discovery approaches
- Computer Aided Drug Design
- Whole cell based phenotypic screening (HTS)
- Preclinical assessment/PK-PD analysis
- Clinical assessment and Regulatory affairs



## Organizers-

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