

# An Intensive Hands-on Workshop on MICROBIOME AND GENOME ANALYSIS

19<sup>th</sup> to 21<sup>st</sup> of July 2023

Next Generation Sequencing (NGS) has become an important technique in the field of Microbiology. Deciphering the microbial composition of an environment sample or mining the secondary metabolite gene clusters from bacterial genomes are more common these days. With the increasing amounts of NGS data, it is essential to learn how to obtain meaningful insights from the raw read sequences. This workshop focuses on analyzing short-read sequencing data and will cover the following topics.

- Introduction to Genome Sequencing
- Essentials of Command-line Interface
- Hands-on session on Bacterial Genome Analysis
- Hands-on session on QIIME2 - An amplicon data analysis pipeline
- Practice sessions with additional datasets



## REGISTRATION FEE

Student: ₹ 2,000  
Faculty: ₹ 3,000  
Industry: ₹ 5,000



## REGISTRATION LINK

[http://sls.uohyd.ac.in/new/dbtcmi/events/ws\\_jul2023/](http://sls.uohyd.ac.in/new/dbtcmi/events/ws_jul2023/)

Organized by

## DBT – Centre for Microbial Informatics (DBT-CMI)

School of Life Sciences, University of Hyderabad



Venue

## Centre for Modelling Simulation and Design (CMSD)

University of Hyderabad

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DBT-CMI Team

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