



Centre for Innovation in Infectious Disease Research, Education and Training (CIIDRET)



and

Theomics International Private Limited, Bengaluru

with

Delhi School of Skill Enhancement and Entrepreneurship Development (DSSEED-IOE)

## ONLINE Workshop Notice

### BACTERIAL GENOME IDENTIFICATION, SEQUENCING AND CHARACTERIZATION

26 March 2022 (Timing: 10:00 am - 5:00 pm)

THE PURPOSE OF THIS WORKSHOP IS TO IMPART KNOWLEDGE AND HANDS ON LEARNING EXPERIENCE IN BACTERIAL GENOME SEQUENCING AND DATA ANALYSIS

S.No	Topic	Session Type	Duration
1	Introduction to Illumina Based Sequencing and Bacterial Identification	Theory / Presentation	60 mins
2	Understanding raw data	Hands on Online	15 mins
3	Raw Data Quality Control and Filtering	Hands on Online	30 mins
4	Bacterial Genome Assembly from Filtered HQ Raw Data	Hands on Online	30 mins
5	Refinement of Primary Genome Assembly	Hands on Online	30 mins
6	Screening for Plasmid Genome in the draft assembly	Hands on Online	30 mins
7	Screening for Bacteriophage genome in the refined nuclear genome	Hands on Online	30 mins
8	Annotation of the draft bacterial genome	Hands on Online	30 mins
9	MLST, ANI, ICEs/IMEs in bacterial genomes	Hands on Online	30 mins
10	Review of Methodology	Theory / Presentation	30 mins

**No. of seats- 20 (First come first serve basis)**

**Workshop Fee: Rs. 2000 per person (non-refundable). The account details for payment transfer: Name of A/c Holder: Director, Research Project Office A/C; Account No.: 10043546386; Bank: State Bank of India; Branch: South Campus; IFSC code: SBIN0008778**

The participant is required to have a laptop/desktop with at least 4GB RAM, Intel core i3 and 100GB hard drive along with broadband/high speed internet connectivity.

E- certificate will be issued to the participants who successfully attend and complete the full duration of the course.

**Submit the registration form <https://forms.gle/Vps68JSTBPd83fqj6>**

**LAST DATE for Application: 22 March 2022**

*DBT-supported Genomics Facility at CIIDRET, University of Delhi South Campus*  
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