

# HANDS-ON TRAINING WORKSHOP ON GENOMIC DATA SCIENCE AND ANALYSIS

(From 16th January - 19th January 2023)



## Purpose of Workshop -

- To understand the core fundamental aspects of Genomics Data QC.
- Choice of Computational platforms.
- Hands-on experience in various online / web-based tools for guided self-learning of genomics data analysis.

# Adapted to the needs of beginners in the field of NGS bioinformatics

## Who Should Attend

PhD. Scholars, Post-Doctoral Scholars, Scientists and Teachers

Limited to 20 participants only (on first come first serve basis)

Rs 3000 Non-refundable workshop fee applicable

Registration deadline 10th Jan 2023 5:00 PM

## WHAT WILL YOU LEARN ?

### COMPREHENSIVE DATA ANALYSIS - "GENOMICS & WHOLE TRANSCRIPTOMICS.

#### LECTURE SERIES

- Introduction to Nucleic Acid Sequencing.
- Various Methods and Applications of Nucleic Acid Sequencing.
- NGS Platform
  - Ion Torrent
  - Illumina
  - Nanopore

#### HANDS-ON MODULE 1

- Genomics - Disruptive DNA Sequencing.
- Genome Assembly.
- Comparative Genome Analysis.
- Expression Profiling.

#### HANDS-ON MODULE 2

- Whole Genome and Whole Transcriptomics.
- Annotation and Characterization.
- Transcriptome Assembly.
- Biological Analysis of Transcriptome.

Organized by-

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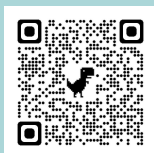


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University of Delhi प्रतिष्ठित संस्थान

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For registration, please visit the given link or scan the QR  
<https://forms.gle/cMfXHgtwEoCGt2UC7>

Venue: University of Delhi South Campus, New Delhi  
Timing: 9:30 am - 5:30 pm (Daily)

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