





HANDS-ON TRAINING

FROM READS TO REFERENCE

A COMPREHENSIVE GENOME ASSEMBLY WORKSHOP

 12 Days | 24 April to 09 May 2025  **ONLINE**
 Time: 7:00 PM - 8:00 PM (IST) Monday to Friday
 Closes: 22 April 2025

This hands-on training program is designed to equip participants with practical skills in genome assembly and annotation. Learn the complete workflow – from raw sequencing reads to genome annotation – using industry-standard tools

Topics Include

- Introduction to genome assembly
- Data formats - FASTA, FASTQ, SAM/BAM
- Read Quality Assessment and Preprocessing using FASTQC and Trimmomatic
- Short read denovo assembly using SPAdes
- Long read denovo assembly using Canu
- Assembly quality assessment using QUAST/BUSCO
- Genome Annotation



Program Benefits

- Certificates of Completion
- Access to Live Sessions
- Recordings
- Workshop Materials
- Online Technical Support Post Workshop

Requirements

Linux OS or Linux Installed Virtually


Course Instructors


- Dr. Shikha Mittal, Bioinformatics Trainer, CBIRT
- Dr. Tamanna Anwar, Training Organizer & CoFounder, CBIRT

REGISTER NOW

www.cbirt.net/training

Contact Us

 info@cbirt.net

 +91 6398142849

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Training Registration

To register for the workshop, please submit the registration form along with your payment details. We accept multiple payment methods to ensure a convenient and secure registration process.



Registration Process



STUDENTS (UPTO PHD LEVEL)

INR-2499



POSTDOC/RESEARCH SCHOLARS

INR-2999



STAFF/FACULTY

INR-3499



INDUSTRY PROFESSIONALS

INR-3999



INTERNATIONAL PARTICIPANTS

STUDENTS
(UPTO PHD LEVEL)

USD 35

POSTDOC/
RESEARCH SCHOLARS

USD 39

STAFF/FACULTY

USD 45

INDUSTRY
PROFESSIONALS

USD 49

Payment Methods

SCAN QR CODE



centreofbioinformaticsresearch@cnrb

UPI ID



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ONLINE TRANSFER

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Research and Technology

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