

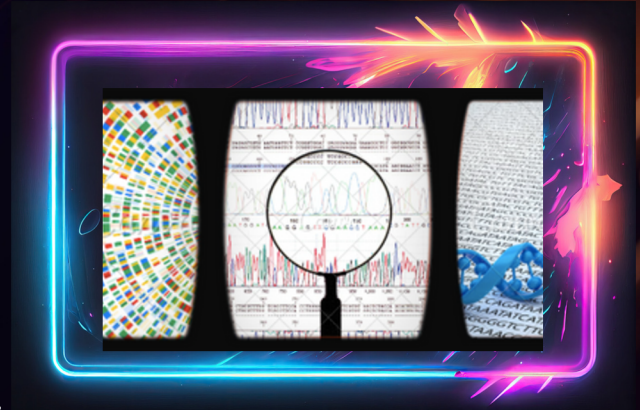


# Hands-on Training NEXT GENERATION SEQUENCING DATA ANALYSIS

Dive Deep into NGS: Practical Skills for Cutting-Edge Data Analysis



01 March. to 19 March. 2025  
Registration Closes: 27 February 2025  
7.00 PM - 8:30 PM (IST) | Monday to Saturday



## ABOUT THE WORKSHOP

NGS has revolutionized biological research. Join this training program to learn cutting-edge techniques for analyzing NGS data. This hands-on training will cover key topics such as data preprocessing, alignment, variant calling, and interpretation. Designed for researchers and professionals, this workshop will equip you with the skills to handle and analyze NGS data, unlocking new insights in genomics.

## REGISTRATION PROCESS

**Eligibility:** Students pursuing B.Sc., B.Tech., M.Sc., M.Tech., PhD in life sciences/computer science as well as Teaching and Industry Professionals.

To get the application form and fee details and for any other queries, write to us at [info@cbirt.net](mailto:info@cbirt.net) or call us at +91 6398142849.

*\* If you have experience with Python and Biopython and are interested in NGS Data Analysis training only, please contact us.*

## MORE DETAILS



Visit: [www.cbirt.net/training](http://www.cbirt.net/training)

## COURSE INSTRUCTORS

- Dr. Nadia, Trainer & Course Co-Coordinator, CBIRT
- Dr. Tamanna Anwar, Training Organizer & CoFounder, CBIRT

## Topics

### Python:

- Introduction to Python
- Installation of Python
- Data Types, Data Structures, Control Flow

### Biopython:

- Installation of Biopython
- Installation of core Biopython Libraries (Pandas, NumPy, Logo Maker)
- Sequence Analysis & Retrieving Sequence, Data Visualization, Alignment, Annotation

### NGS Data Analysis

- Introduction to Next-Generation Sequencing
- NGS Applications
- NGS Data Analysis
- RNA Sequencing Data Analysis

## Program Benefits

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

## Training Mode

Online



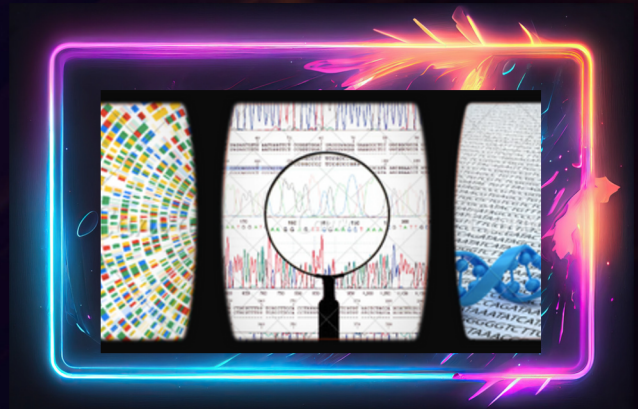


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## Training Registration

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.

REGISTER NOW



Scan the QR Code for the  
Registration Form

### Registration Process



**STUDENTS**

INR-3000



**POSTDOC/STAFF/FACULTY**

INR-3500



**INDUSTRY PROFESSIONALS**

INR-4000



**INTERNATIONAL  
STUDENTS | FACULTY | INDUSTRY**

USD 45 | USD 55 | USD 60

### Payment Methods

SCAN QR CODE



[centreofbioinformaticsresearch@cnrb](mailto:centreofbioinformaticsresearch@cnrb)

UPI ID



[PayPal.Me/cbirt1](https://www.paypal.com/india/cbirt1)

PAYPAL ID



ONLINE TRANSFER

Account No. - 120023770387  
Bank Name - CANARA BANK  
IFSC Code - CNRB0002336  
Branch Code - 002336  
Branch - Kelangar, Aligarh

Payable to: Centre of Bioinformatics  
Research and Technology

