



# GENOMICS DATA ANALYSIS *for* CANCER PREDICTION

2 Weeks | 6-17 Apr. 2026  
Registration Closes: 5 Apr. 2026  
6:00 - 7:00 PM (IST) | Monday to Friday

Online

## ABOUT THE TRAINING

Genomics Data Analysis is vital for cancer prediction, as it equips researchers to identify and interpret genetic variants (SNPs, INDELS), enabling insights into disease mechanisms, drug responses, and personalized treatment strategies.

### 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.



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

## Topics

- Introduction to Genomics & Cancer
- NGS & Data Formats + Galaxy Intro
- Quality Control (FastQC / MultiQC)
- Read Trimming (Trimmomatic / Cutadapt)
- Read Alignment (BWA-MEM)
- Post-Alignment Processing (SAMtools, Picard)
- Variant Calling (GATK Mutect2/Bbtools)
- Variant Filtering & Annotation (Snpeff / VEP)
- Cancer Interpretation
- Cancer prediction pipeline workflow and tool execution on Linux (basics)

## Program Benefits

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

## Course Instructors

- Anchal Negi, Bioinformation, CBIRT
- Dr. Tamanna Anwar, Organizer & Founder, CBIRT



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**REGISTER NOW**



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## Registration Process

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.



SCAN THE QR CODE FOR THE  
REGISTRATION FORM

### REGISTRATION PROCESS



**STUDENTS (UPTO PHD LEVEL)**  
UPTO MASTERS PH.D  
INR-2000 INR-2500



**POSTDOC/RESEARCH SCHOLARS**  
INR-2750



**STAFF/FACULTY**  
INR-3000



**INDUSTRY PROFESSIONALS**  
INR-3500



#### INTERNATIONAL PARTICIPANTS

(Including all Living, Working, or Studying Abroad at the time of the Workshop).

##### STUDENTS

UPTO MASTERS PH.D  
USD 40 USD 45

##### POSTDOC/

RESEARCH SCHOLARS  
USD 50

##### STAFF/FACULTY

USD 60

##### INDUSTRY

PROFESSIONALS  
USD 65

### PAYMENT METHODS

#### SCAN QR CODE

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