

Bridging Statistics and Genetics:

A Hands-on Training on **Genome-Wide Association Studies (GWAS)** Data Analysis

USING COMMAND-LINE & LINUX TOOLS



2 Weeks | 23 Apr. to 06 May, 2026
Registration Closes: 22 Apr. 2026
7.15 PM - 8:15 PM (IST) | Monday to Friday



About the Workshop

Join us for an intensive 2-week workshop designed to bridge the gap between statistical analysis and genetics through hands-on Genome-Wide Association Studies (GWAS) training.

From foundational concepts in genetics and population structure to advanced statistical methods, this comprehensive workshop covers everything you need to master GWAS data analysis.

Topics

- Introduction to GWAS
- Basics of Genetics for GWAS
- Population Genetics and Structure
- Understanding GWAS Data Formats
- Exploratory Data Analysis for GWAS
- Introduction to GWAS Software (PLINK, TASSEL, GAPIT, rMVP, GEMMA)
- GWAS Using TASSEL
- GWAS Using rGAPIT in R
- GWAS Using PLINK

**Training
Package**

WGS + GWAS Data Analysis

1 Month | 09 Apr. 2026 to 06 May 2026

Registration Closes: 08 Apr. 2026

Details

Eligibility:

Students pursuing B.Sc.,
B.Tech., M.Sc., M.Tech.,
PhD in life
sciences/computer
science

Teaching professionals
Industry professionals

Course Instructors

Dr. Shikha Mittal -
Bioinformatics Trainer,
CBIRT

Dr. Tamanna Anwar -
Organizer & Founder,
CBIRT

Program Benefits

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

More Details



Visit: www.cbirt.net/training



Bridging Statistics and Genetics

A Hands-on Training on **Genome-Wide Association Studies (GWAS)** Data Analysis

USING COMMAND-LINE & LINUX TOOLS

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 MASTERS INR-2000 PH.D INR-2250



POSTDOC/RESEARCH SCHOLARS
INR-2500



STAFF/FACULTY
INR-3000



INDUSTRY PROFESSIONALS
INR-3500



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

STUDENTS	POSTDOC/RESEARCH SCHOLARS	STAFF/FACULTY	INDUSTRY PROFESSIONALS
UPTO MASTERS USD 40 PH.D USD 45	USD 50	USD 60	USD 65



WGS Data Analysis + GWAS Data Analysis (1 Month)	NATIONAL	Masters Students INR-3500	PH.D INR-4000	Postdoc/Research Scholars INR-4500	STAFF/Faculty INR-5000	Industry Professionals INR-6000
	INTERNATIONAL	Masters Students USD 70	PH.D USD 80	Postdoc/Research Scholars USD 90	STAFF/Faculty USD 100	Industry Professionals USD 110

Payment Methods

SCAN QR CODE



centreofbioinformaticsresearch@cnr

UPI ID



PAYPAL ID



PayPal.Me/cbirt1

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

Contact Us

+91 6398142849

info@cbirt.net

http://www.cbirt.net/training