

***Bridging Statistics and Genetics:***

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

**USING COMMAND-LINE & LINUX TOOLS**



**2 Weeks | 12 Jan. to 23 Jan. 2026**  
**Registration Closes: 11 Jan. 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 | 26 Dec. 2025 to 23 Jan. 2026**

**Registration Closes: 25 Dec. 2025**

## 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 -**  
Training Organizer &  
CoFounder, 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](http://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      PH.D  
INR-2000      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).

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



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