

**Bridging Statistics and Genetics:**

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

**USING COMMAND-LINE & LINUX TOOLS**



2 Weeks | 28 Jul. to 10 Aug. 2026  
Registration Closes: 27 Jul. 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 Internship**  
**14 Jul. to 10 Aug. 2026**  
**Registration Closes: 13 Jul. 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](http://www.cbirt.net/training)

**Contact Us**



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[info@cbirt.net](mailto:info@cbirt.net)



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# 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.

Scan the QR Code for  
the Registration Form



## Registration Fee



**STUDENTS**  
UPTO MASTERS INR-2250      PH.D 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).

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

