

Hands-on Training R FOR BIOINFORMATICS

2 Weeks | 11 Dec. to 24 Dec. 2025
Registration Closes: 10 Dec. 2025
7:15 – 8:15 PM (IST) | Monday to Friday



About the Training

R is a powerful language for bioinformatics because of its extensive statistical and graphical capabilities. It's commonly used in bioinformatics for tasks such as data manipulation, visualization, and analysis of large biological datasets, especially genomic data.

Eligibility: Students pursuing B.Sc., B.Tech., M.Sc., M.Tech., PhD in life sciences or computer science are encouraged to apply.

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 or call us at +91 6398142849.



Visit: www.cbirt.net/training

Program Benefits

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

Training Mode

Online

Topics

- ✓ Getting Started with R and RStudio
 - Overview, setting up, essential tools.
- ✓ Data Structures in R
 - Vectors, matrices, bio-specific data types (Biostrings)
- ✓ Writing and Executing R Code
 - Console interactions, scripting, debugging
- ✓ Looping and Control Flow
 - Loops, conditional statements, vectorization
- ✓ Functions in R
 - Writing modular code, functional programming
- ✓ Data Visualization
 - Basic and advanced bioinformatics plots
- ✓ Statistical Analysis in R
- ✓ Sequence Analysis with Bioconductor

Course Instructors

Dr. Shikha Mittal, Bioinformatics Trainer, CBIRT

Dr. Tamanna Anwar, Training Organizer & CoFounder, CBIRT

Training
Package

Python & Biopython + R for Bioinformatics

1 Month | 27 Nov. to 24 Dec. 2025

Registration Closes: 26 Nov. 2025



Hands-on Training R FOR BIOINFORMATICS



WORKSHOP 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

Registration Form Link:
<https://forms.gle/S2g57ZFujBhijw7T9>
or Scan the QR Code



REGISTRATION PROCESS



STUDENTS (UPTO PHD LEVEL)

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).



STUDENTS

UPTO MASTERS

USD 40

PH.D

USD 45

POSTDOC/

RESEARCH SCHOLARS

USD 50

STAFF/FACULTY

USD 60

INDUSTRY

PROFESSIONALS

USD 65

Training Package

Python & Biopython + R for Bioinformatics (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	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@cnrb

UPI ID



PAYPAL ID



[PayPal.Me/cbirt1](https://www.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

For Queries/More Details Contact: info@cbirt.net

Contact Us



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