



भास्कर
ICAR



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Online Workshop on R for Bioinformatics

4-8 November 2024

About the Workshop

R is a widely used and powerful programming language in bioinformatics, known for its ability to handle large-scale biological data and perform complex analysis. R has the capability to create publication-quality graphs and figures, crucial for effectively communicating research findings. This workshop will provide hands-on training in using R for key bioinformatics applications, including data wrangling, statistical analysis and visualization techniques. Designed for both beginners and those looking to enhance their skills, the course offers practical insights and tools that can be directly applied to current bioinformatics research challenges.

Certificates

Certificates will be provided to all candidates who successfully complete the workshop.

Important Dates

Online registration starts on 17-10-2024

Online registration ends on 27-10-2024

Intimation of selected candidates on 29-10-2024

Acceptance of registration fee ends on 02-11-2024

Workshop Co-ordinators

Dr. Sona Charles

Scientist (Agricultural Bioinformatics),
ICAR-IISR.

Dr. Mukesh Sankar S

Scientist (Plant Genetics), ICAR-IISR.

Dr. Sheeja TE

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Organized by

Bioinformatics and
Integrative Genomics (BIG) Facility
ICAR-Indian Institute of
Spices Research (ICAR-IISR)
Kozhikode, Kerala, India.

Broad Areas

- Introduction to Bioinformatics and R Programming
- Data Wrangling and Tidy Data in R
- Statistical Analysis and Hypothesis Testing
- Visualization Techniques for Biological Data
- Working with Bioconductor Packages
- Advanced Data Visualization with ggplot2
- Hands-on Practice with Real Bioinformatics Datasets

Who can participate?

Postgraduate Students

Project Fellows

PhD Scholars and Faculty

Fees Structure

(inclusive of 18% GST)

Rs. 4,720/- for Industrial participants

Rs. 2,950/- for Assistant Professors/
Scientists (Faculty)

Rs. 1,770/- for MSc/ PhD Students/
JRFs/ Project Fellows

Scan me for
online registration



<https://forms.gle/DXHrvAhtwSUnNp5c9>