



**VISVA-BHARATI**  
A Central University & An Institution  
of National Importance



## **10-Day National Workshop**

On

**“RECENT ADVANCES IN DATA ANALYSIS AND  
APPLICATIONS USING R”**

**February 17 -26, 2025**

**Organized by**

**Department of Agricultural Statistics**

Institute of Agriculture (Palli Siksha Bhavana)

Visva-Bharati, Sriniketan,

W.B., 731236

### **About Visva-Bharati, Santiniketan:**

Visva-Bharati, as per the Act of Parliament of 1951, has the President of India as the Paridarsaka (Visitor) and the Governor of West Bengal as the Pradhana (Rector). The President of India appoints the Acharya (Chancellor) and the Upacharya (Vice-Chancellor) of the University. The Act of 1951, with certain amendments made by Parliament thereafter, and the Statutes of Visva-Bharati constitute the basis of the powers and functions of the university and its constituent authorities. The chief decision-making bodies of the university are the Samsad (Court), the Karma Samiti (Executive Council), the Siksha Samiti (Academic Council), the Artha Samiti (Finance Committee), and the various Institute Boards and Patha Samitis (Boards of Studies).

### **About Workshop:**

The National Workshop on **“Recent Advances in Data Analysis and Applications using R”** has been contemplated to improve the research skills of the researchers. The National Workshop is designed to provide an interactive platform of the faculty members, scientists, and practitioners of Statistics to enhance their understanding of Research Methodology and Statistical Techniques used for analyzing data out of different real-life experiments with the help of Statistical Packages R.

### **Topics:**

- ✓ Research Methodology: An Introduction, Starting of R
- ✓ Exploratory data analysis
- ✓ Parametric and Non-parametric tests
- ✓ Correlation and Linear Regression, One-way ANOVA
- ✓ Discriminant Analysis-Case Studies
- ✓ Principal Component Analysis (PCA), Factor Analysis & Cluster Analysis-Case Studies
- ✓ Analysis of Time Series data
- ✓ Design of Experiments and Machine Learning Techniques
- ✓ Review of the Day-Exercises, Evaluation & Feedback

## How to apply:

Please click on the following link for Registration:

<https://forms.gle/rB8GHzyQT1RbnhEE6>

**Last date of Registration: - 07<sup>th</sup> February, 2025**

Registered participants will get Workshop kit, Tea, light refreshment and working lunch only. Candidates must bring their own laptop in the National Workshop and a free trial version of relevant software will be loaded by us on their laptop.

**There are limited 30 seats only**

## Location and Climate:

Visva-Bharati is located in a rural setting of West Bengal. It is about 160 km. away by road from Kolkata. The nearest railway station is Bolpur (Santiniketan) on the Eastern Railway and the air terminal is in Kolkata. The University campus is about 5 km. from the railway station. Santiniketan can be reached in a little over two hours from Kolkata by train by covering about 146 km. The weather in March remains moderate and the temperature ranges between 19°C and 34°C.

## Chairman:

**Prof. Debasis Bhattacharya**

Head

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For updates, please visit

[www.visva-bharati.ac.in](http://www.visva-bharati.ac.in)  
[www.psbvb.in](http://www.psbvb.in)

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