

**A.K.Dasgupta Centre for Planning and
Development
Visva-Bharati**

**27th Ten-Day National Workshop [Online]
On**

**Statistical Analysis of Data using 'R' for
Research, Planning & Development**

Date: 5th September to 14th September, 2022

The Centre invites applications from research scholars, faculty member of colleges and universities, management executives who wish to deepen their understanding on the subject.

This 10-day Programme is designed to familiarize academicians, practitioner and researchers with the statistical research tools and techniques, with special focus on the Software "R" This will augment the

skill of the participants to use “R” and enhance the horizon of their research work. The knowledge of modern techniques applied to research are imperative for quality work and this workshop aims to give a comprehensive insight on those and enable researchers and academicians to apply those techniques rightly.

Applicants have to mail their soft copies of application mentioning their present status on or before 30th August, 2022. Applicants should mention their contact address, telephone number, e-mail address and institutional affiliation. The application to be addressed to Prof. Debasis Bhattacharya, Chair Professor, A.K.Dasgupta Centre for Planning & Development, Visva-Bharati. Application must reach vbplanning46@gmail.com within due date. Registration fee: Rs.1500/- per participant. Registration Fee to be paid online. Details of payment will be provided after selection. The participation in the programme will be on last come first out basis. The timing of the workshop will be from 3 p.m. to 8 p.m.

Objective of the Workshop

- To understand the basics of ‘R’ , its uses in research
- To Impart knowledge on different statistical techniques through use of ‘R’
- To interpret the out-put of the analysis of data done using ‘R’ and to draw valid and meaningful inference from the out-put of ‘R’ analysis

This course would be of particular benefit to:

- Faculties & Teachers
- Consultant and Administrators engaged in Higher Education Institute. [HEI]
- Industry training professionals
- Research Scholars
- Students
- Extension specialists in agriculture, public health and rural development practitioners
- Consultant in development sector

Course Outline

- Introduction to 'R'
- Entering and Editing of Data
- Reading Data, Manipulating Data, Saving of Data
- Variable, Relationships, Visualizations of data. Coding of data
- Exploratory Data Analysis: Correlations, Regression
- Z-test, T-test, Chi-square test, Inferential Statistics
- Analyzing Categorical Variables
- Cluster analysis, Factor analysis, Log linear Models Discriminant Analysis, logistic regression, and other Multivariate Analysis Techniques
- Analysis of data with Repeated Measures
- ANOVA

Important Dates

Last Date for receiving application: 30th August , 2022

Letter of Acceptance: 31st August, 2022

Email for Correspondence: vbplanning46@gmail.com

For Assistance: Call to Sri Daya Shankar Kushwaha, Ph-
9474644413/9475983934

Visit website for other information: akdcentrevisvabharati.org

Application Form

Name

Address

Designation

Occupation

Institution
Affiliation

Ph. No.

Email

Basic
knowledge on
'R'

Yes/No

Signature of the applicant