

A.K.Dasgupta Centre for Planning and Development

Visva-Bharati

17th One Week National e-Workshop
On

Use of Statistical Software 'R' in
Research & Development

Date: 27th November to 3rd December, 2020

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 7-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 20th November, 2020. Applicants should mention their contact address, telephone number, e-mail address and institutional affiliation. The application to be addressed to Prof. Deabasis 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 first come first serve basis.

Course Outline

- Module 1: R Programming Language: Introduction to R and R Studio,
- Module 2: Factor in R: Categorical & Continuous Variables, Import Data into R: Read CSV, Excel, SPSS, STATA, Text File, Correlation in R: Pearson & Spearman with Matrix E
- Module 3: R Data Frame: Create, Append, Select, Subset, List in R: Select elements
- Module 4: R Dplyr: Data Manipulation [Join] & Cleaning [Spread], Factor in R: Categorical & Continuous Variables
- Module 5: Multiple Regression, ANOVA, R Dplyr: Data Manipulation [Join] & Cleaning [Spread]
- Module 6: Classification and Cluster analysis, Factor Analysis, Discriminate Analysis, Parametric and Non-Parametric tests.

Important Dates

Last Date for receiving application: 20th November, 2020

Letter of Acceptance: 21st November, 2020

Email for Correspondence: vbplanning46@gmail.com

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

Visit website for other information: www.akdcentrevisvabharati.org

Application Form

Name

Address

Designation

Occupation

Institution
Affiliation

Ph. No.

Email

Basic
knowledge on
'R'

Yes/No

Signature of the applicant