

**AK Dasgupta Centre for Planning and Development,  
Visva-Bharati**

**[A Centre sponsored by the NITI Aayog, Govt. of India]**

**24<sup>th</sup> Ten Day National e-Workshop  
On**

**Basics to Advanced: Hands-on  
Training of SPSS in Research Data  
Analysis**

**Date: 23<sup>rd</sup> November-2<sup>nd</sup> December,  
2021**



The Centre invites applications from faculty member of colleges and universities, management executives who wish to enhance their understanding on this subject. Our ten day workshop is delivered by expert analysts who will provide you with the knowledge on all aspects of SPSS, with various topics of statistical analysis to data mining and predictive analytics. The workshop will focus on practical learning through case studies which will enable the participants to practice what you learn through the workshop. The trial version of SPSS will be available in the website which will be used for the practice sessions.

### **Objective of the Workshop**

- To understand the basics of SPSS and its application in research work.
- To give hands on experience in statistical techniques through SPSS.
- To interpret the results of the output based on the statistical analysis using SPSS.

### **This course would be of particular benefit to:**

- Faculties & Teachers
- Consultant engaged in Higher Education Institute. [HEI]
- Higher education Administrators
- Industry training professionals
- Research Scholars
- Students

- Extension specialists in agriculture, public health and rural development practitioners of lifelong learning ,
- Researchers Developers and other Stakeholders involved in pedagogy.
- Consultant in development sector

Applicants have to mail their soft copies of application mentioning their present status on or before **15<sup>th</sup> November, 2021**. 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](mailto:vbplanning46@gmail.com) within due date. **Registration fee: Rs.2000/- per participant [For Faculties and Teachers] & Registration Fee: Rs.1000/- for Research Scholars & Students**. 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 8.30 p.m.**

## Course Outline

Introduction to Statistical Analysis

Introduction to IBM SPSS Statistics

Entering and Editing Data

Reading Data & Manipulating Data

Sources Summarizing Individual Variables

Variable Relationships, Visualizations & EDA. Recode & Compute

Multiple Variable Relationships Select Cases & Charts Exploratory Data Analysis: Scale

Describing Data: Probabilities, T-Tests, Correlations, Regression. Probability

Inferential Statistics Comparing Categorical Variables T-Tests &

Bivariate Plots and Correlations

Introduction to Regression

Cluster analysis, Factor analysis, Log linear Models

Multivariate Analysis of Variance Repeated Measures ANOVA

Discriminant Analysis , Binary logistic regression ,

Multinomial logistic regression

Chi- Square Analysis

Survival Analysis (Kaplan-Meier)

## **Important Dates**

Last Date for receiving application: 15<sup>th</sup> November, 2021

Letter of Acceptance: 16<sup>th</sup> November, 2021

Email for Correspondence: [vbplanning46@gmail.com](mailto:vbplanning46@gmail.com)

For Assistance: Call Sri Daya Shankar Kushwaha,

Ph-9474644413/9475983934

Visit website for other information: [akdcentrevisvabharati.org](http://akdcentrevisvabharati.org)

# Application Form

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Name

Address

Designation

Occupation

Institution Affiliation

Ph. No.

E-mail

Any exposure to SPSS

Yes/No

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Signature of the applicant

