

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

**26<sup>th</sup> 10 Day National e-Workshop  
On**

**Basic to Advance: Hands-on Training of  
SPSS in Research Methodology**

**Date: 10<sup>th</sup> May-19<sup>th</sup> May, 2022**

The Centre invites applications from faculty member of colleges and universities, management executives who wish to deepen their understanding and knowledge on different data analysis techniques using SPSS. The lectures of this workshop will be delivered by experienced analysts who will provide you with basic to advance knowledge on all aspects of SPSS, with topics ranging from use of different statistical

techniques for analysis of data, time series analysis, data mining and predictive analysis. This workshop will explain the theories of different statistical tools which are required to analyze a field data and thus, there will be enough practical learning opportunities via online which will enable the participants to practice what have been taught in the workshop. The trial version of SPSS will be used for the practice sessions.

### Objective of the Workshop

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

Applicants have to mail their soft copies of application mentioning their present status on or before **2<sup>nd</sup> May, 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](mailto:vbplanning46@gmail.com) within due date. **Registration fee: Rs.2000/- per participant [For Faculties and Teachers] & Registration Fee: Rs.1000/- for Research Scholar**. 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 IBM SPSS
- 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: 2<sup>nd</sup> May, 2022

Letter of Acceptance: 3<sup>rd</sup> May, 2022

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