

**A.K.Dasgupta Centre for Planning and Development,**

**Visva-Bharati**

**One Week National e-Workshop**

**On**

**“Contemporary Methodologies and Tools in  
Research”**

**Date: 3<sup>rd</sup> October to 9<sup>th</sup> October, 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.

Applicants have to mail their soft copies of application mentioning their present status on or before 25<sup>th</sup> September, 2020. Applicants should mention their contact address, telephone number, e-mail address and institutional affiliation. Application must reach [vbplanning46@gmail.com](mailto:vbplanning46@gmail.com) addressed to The Chair Professor, A.K.Dasgupta Centre for Planning & Development, Visva-Bharati 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.

Sl. No.	Session	Area to be covered	Specific topics
Day 1	Research Perspective		
	Session-I	Contemporary Research: Convergence of disciplines	
	Session-II	Formulation of Research Problem	Formulation of Research Problem based on Literature Review Theoretical grounding of Research Problem Identifying gaps in research Setting Objectives

<b>Day 2:</b>	<b>Research Strategy</b>		
	Session-III	Research Design	Research philosophies Methodology and Methods Research Plan
	Session-IV	Development of Research Hypothesis	Concept of Alternate and Null Hypothesis Identification of Variables from Literature Review Gap analysis using NVivo Contextualising Variables Developing testable hypothesis
<b>DAY-3: Setting the Premise for a Conducive Research: Respondent Selection &amp; Data Plan</b>			
	Session-V	Sampling	Developing a Sampling Plan Probability Vs. Non-Probability Sampling Estimation of Sample Size
	Session-VI	Data and Scaling Techniques	Types of Data; Parametric and Non-Parametric Data Types of Scale and Conditions for Using them Development of Scale Items
<b>DAY-4: Data Mining and Analysis</b>			
	Session-VII	Collection of Data	Designing Survey Instrument (Structured Questionnaire) Content Validity of Survey Instrument Designing Data Collection Schedule for Qualitative Research: Planning for FGD and Case Study Data Processing
	Session-VII I	Data Analysis and Interpretation	Non Parametric Data Analysis using SPSS
<b>DAY-5: Inferential Data Analysis</b>			
	Session-IX	Data Analysis and Interpretation	Univariate and Bivariate Analysis, Parametric Testing Hypothesis
	Session-X	Data Analysis and Interpretation	Multiple Correlation and Multiple Regression Principal Component Analysis, Factor Analysis (FA) Use of AMOS/ ADANCO/ Jamovi

<b>DAY-6: Inferential Data Analysis</b>			
	Session-XI	Data Analysis and Interpretation	Cluster Analysis, Conjoint Analysis, Discriminant Analysis
	Session-XII	Data Analysis and Interpretation	Higher Order Predictive Analytics using Artificial Neural Networks
<b>DAY-7: Documentation and Presenting Research Report</b>			
	Session-XII I	Writing of Research Reports	Writing for Journals Writing for Thesis Writing for Research Proposal
	Session-XI V	Referencing Techniques	Use of Smart Referencing Managers Mendeley/ Zotero

#### Important Dates

Last Date for receiving application: 25<sup>th</sup> September, 2020

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

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

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