

काशी हिन्दू  
विश्वविद्यालय



BANARAS HINDU  
UNIVERSITY



Indian Council of Social Science Research

Ministry of Human Resource Development  
Aruna Asaf Ali Marg, New Delhi 110067

## **Two-Week Capacity Building Programme for Young Social Science Faculty (January 16-28, 2019)**

*Captioned: FACULTY ENRICHMENT PROGRAMME (FEP) ON ADVANCED  
STATISTICS FOR SOCIAL SCIENCE RESEARCHERS*

### **SPONSORED BY**

**Indian Council of Social Science Research (ICSSR),  
Ministry of Human Resource Development (MHRD),  
Government of India**

### **ORGANIZED BY**

**Thakur Ratan Pal Singh (TRPS) Vanijya Bhawan, Faculty of Commerce,  
Banaras Hindu University, Varanasi (UP)-221005**

#### **Programme Director**

**Prof. S. C. Das  
Faculty of Commerce  
Banaras Hindu University  
Varanasi (UP)-221005  
Contact no. +91-9415624673**

#### **Programme Chairman**

**Prof. C. P. Mall  
Head & Dean  
Faculty of Commerce  
Banaras Hindu University  
Varanasi (UP)-221005**

### **VENUE**

**Faculty Auditorium, Thakur Ratan Pal Singh (TRPS) Vanijya Bhawan,  
Faculty of Commerce, Banaras Hindu University, Varanasi (UP)-221005**

## **ABOUT THE PROGRAMME**

Enrichment is the action of improving or enhancing the quality or value. Based on this concept, the programme has been designed for developing the new generation teachers in the discipline of Commerce, Management, Psychology, Sociology, Economics, Agriculture, Education, Geography and other branches of Social Science. The programme is aimed at improving the research orientation of faculty members by providing an interactive platform to enhance the understanding of advanced statistical techniques as well as providing hands-on training for analyzing data using alternative software for statistical analysis. The course is based on the theoretical lectures and practical exercise on advanced contemporary software. This programme will follow problem based approach, i.e., participants will be made familiar with the theory first and then they will be using contemporary software using examples, so that they may gain confidence and expertise in conducting researches in their respective subject domains.

India being the largest economy in higher educational system, its quality does not match the global standards and there is increased scope and urgency for improving the quality of our country's educational institutions. The research scenario in educational institutions in a country like India portrays a chequered picture. While some leading world class institutions like the IITs and the IIMs are achieving what was well planned in their objectives, others portray a dismal picture in terms of quality and quantity of research. The Indian system of higher education has been facing a number of challenges. There are four things required for quality research namely subject acquaintance, statistics, research methodology and technology (software). In majority cases of Indian context, it has been observed that researchers are having excellent subject knowledge but lack of scientific knowledge and training in Research Methodology and technology adoption, which has been considered as one of the main impediments in producing quality researchers. Many of our researchers and guides are themselves not found competent enough to carry out sound empirical work due to lack of advanced statistical knowledge. Thus, it requires major investments so as to make human resources productive, by coupling the older general disciplines (of Humanities, Social Sciences, Natural Sciences, and Commerce) with their applications in new economy and having adequate field base experience, for enhancing knowledge with skills and developing appropriate attitudes.

## **SPECIFIC OBJECTIVES OF THE PROGRAMME**

- ☆ To maintain and enhance faculty effectiveness and further expert instruction and guidance to their students;
- ☆ To create awareness about modern teaching practices and research methodologies;
- ☆ To enhance skills to work with advanced software packages for analyzing data using alternative software; and
- ☆ To develop capacity for writing research paper, article and book through advanced writing software.

## **KEY HIGHLIGHTS OF THE PROGRAMME**

- ☆ Research Process in Social Science Disciplines;
- ☆ Step-by-Step Sessions, i.e., from Basic Concept to Advanced Statistics;
- ☆ Probability Theory and Probability Distributions;
- ☆ Statistical Techniques: Parametric and Non-Parametric Tests (e.g., Analysis of Variance, Analysis of Co-variance, Simple Regression, Multiple Regression, and Logistic Regression, etc.);
- ☆ Web metrics, Information Storage, Retrieval, and Digital Library System;
- ☆ Overview of R Programming and Case Studies using R;
- ☆ Formulation and Testing of Hypotheses through Practical Sessions using SPSS;
- ☆ Data Analysis through Excel;
- ☆ Impute Working on SEM with Case Studies in AMOS;
- ☆ Exploratory and Confirmatory Factor Analysis;
- ☆ Higher Effects: Mediation, Moderation, and Bootstrapping;
- ☆ Econometric Techniques (e.g., Panel Data Analysis);
- ☆ Preface to Academic Writing (Writing Research Proposal, Research Paper, Report, And Book);
- ☆ Working with Smart PLS Graphics; and
- ☆ Academic Day-Out (Field Visit).

## **PARTICIPANTS**

**The number of seats for the Faculty Enrichment Programme (FEP) is restricted to thirty (30) candidates from Social Science disciplines, out of which ten (10) from Varanasi, ten (10) from Uttar Pradesh, and rest of the ten (10) participants are to be selected from outside the state as per the ICSSR guidelines.** Faculty members of Economics/ Commerce/ Management/Psychology/Sociology/Political Science and/or any allied subjects of Social Science having orientation in research methodology and statistics are eligible for this programme.

## **LEARNING OUTCOME OF THE PROGRAMME**

- ☆ After attending FEP, participants will get an in-depth understanding of research and its implications in decision making process;
- ☆ Gain better understanding on how to design a valid research project to answer specific research questions;
- ☆ Design reliable and valid questionnaires for collection of data;
- ☆ Use descriptive and predictive statistical tools using robust analytical software's, namely, SPSS, SEM, AMOS, R and E-Views;
- ☆ Participants will get familiar with univariate, bivariate and multivariate statistical techniques; and
- ☆ Gain better understanding of academic writing, like, research paper, books, articles etc.

## **ACCOMMODATION & TRAVEL ALLOWANCE**

Accommodation will be provided only to outstation participants in University Guest House/Hotels on sharing basis from January 15, 2019 (evening) to January 29, 2019 (morning). Travel allowance by shortest distance (bus or train fare, sleeper or AC 3-tier only) will be reimbursed to the outstation participants after submitting original tickets.

## **CERTIFICATE OF PARTICIPATION**

The participants will be provided certificates on successful completion of the Workshop. It is mandatory for all participants to attend all the classes/sessions.

## **ESSENTIAL CONDITIONS**

Candidates having knowledge of basic statistics, Microsoft excel and SPSS will be preferred. Selected candidates would be informed through Email or Phone. Further, it is desirable for all the selected participants to bring their own laptop for the hands-on practice sessions. Selected participants are asked to develop a full length research paper (**of 4000-5000 words in Times New Roman, 12 font size, spacing 1.15, with Chicago Manual Referencing Style**) on any one of the government flagship programmes and their effectiveness, like, **(I)** Deen Dayal Upadhyaya Grameen Kaushalya Yojna, **(II)** Pradhan Mantri Mudra Yojana, **(III)** Atal Pension Yojana, **(IV)** Pradhan Mantri Suraksha Bima Yojana, **(V)** Pradhan Mantri Awas Yojana (PMAY), **(VI)** Pradhan Mantri Kaushal Vikas Yojana (Skill India), **(VII)** Pradhan Mantri Jan Dhan Yojana, and **(VIII)** Standup India **(IX)** Pradhan Mantri Ujjawala Yojana **(X)** Pradhan Mantri Fasal Bima Yozana etc. and present it at the final day of Faculty Enrichment Programme (FEP).

## **HOW TO APPLY**

Interested faculty members can apply to **Programme Director** along with duly filled up nomination form on or before **November 30, 2018**. The candidates are required to send the soft copy of the complete Nomination Form cum Certificate of Recommendation duly forwarded by Head of the Department/Principal/Director to [cbpbhu@gmail.com](mailto:cbpbhu@gmail.com) along with self attested copies of the supportive documents, namely, **(i)** category certificate, **(ii)** graduation mark sheet, **(iii)** post-graduation mark sheet, **(iv)** M. Phil. Mark sheet (if any), **(v)** Ph.D. degree, and **(vi)** 1000 words write-up. Nomination form can also be downloaded from the university website [www.bhu.ac.in](http://www.bhu.ac.in). **NO REGISTRATION FEE WILL BE CHARGED FROM THE PARTICIPANTS.**

### **IMPORTANT DATES**

**Last date of receipt of complete application form: 30/11/2018**

**Notification of acceptance: 10/12/2018**

**Confirmation of participation by the applicants: 12/12/2018**

### **Important Note:**

All the correspondents/queries should be made through [cbpbhu@gmail.com](mailto:cbpbhu@gmail.com) and/or +9415624673; +91-8960391594.