



National Institute of Educational Planning and Administration

(Deemed to be University)

17-B, Sri Aurobindo Marg, NEW DELHI 110016

www.niepa.nic.in

Research Methodology Course on Large Scale Survey: Data Analysis and Tools (18-22nd March, 2019)

Background

This Research Methodology course is designed to provide an introduction to the data source, analytical tools on social and educational research studies. The central aim is to assist the participants in viewing education, its processes and outcomes through understanding and analysing the existing nationally representative large scale surveys. Methods and tools of analyses used to address various issues such as:

Demand for Education – Determinants of demand for Education; Disparities in Education – regional, inter-state and intra-state, etc; Inequality in Education – income, gender, social groups, etc

The participants will be introduced to examine such important issues related to the social and educational research studies. This exercise will help the participants to orient and learn to apply the methods and tools of analysis to various educational issues. Participants will be introduced to examine and explore available data sources such as NSS, IHDS, NFHS, etc. This five day training course aims to introduce the data analysis and tools and their relevance in analyzing the education issues and problems.

The following are the specific objectives of the workshop:

- ✚ To enable the participants to appreciate and apply quantitative techniques to analyse educational issues
- ✚ To introduce the database and to facilitate the application of quantitative or econometric techniques to the issues of education

Themes

- ✚ Introduction to Research Methodology and Data sources in Education including Large Survey Data, Example NSS, NFHS, IHDS, DHS, etc
- ✚ Tabulation and cross tabulation, Descriptive Statistics, Correlation, ANOVA, etc

- ✚ Bivariate and Multiple Linear Regression and Violation of the Assumptions
- ✚ Limited Dependent Variable models: Probit and Logit models – Bivariate, Multinomial and Ordered, etc

Methodology

The programme will be based on lecture discussions, panel discussions and practicals. These lecture sessions will be followed with hands on training sessions. The workshop attempts to give an exposure to various data sources and their extraction. The participants are expected to get a hold over some of the widely used software like SPSS, STATA and E-views.

Resource Persons

These themes and topics will be covered by resource persons from NIEPA, and experts from other academic institutions in India.

Participants

The clientele group of the programme consists of young researchers and research students working in research institutes and universities. The workshop is intended for young researchers working on Education and related issues. The knowledge on basic statistics, mathematics, basic econometrics and statistical software such as SPSS, STATA, EVIEWS, etc is desirable. Participants are expected to bring their individual laptops. Participants are requested to write about 300 words about why they would like to attend this workshop and submit their brief CV along with the application form. Maximum of 30 participants will be shortlisted for the workshop. The selected participants will be reimbursed their travel expenses.

Lodging and Boarding

The Guest house at NIEPA provides lodging (twin-sharing basis) and boarding to the participants of the programme.

How to Apply

Interested Participants can send their proposal and a brief resume, along with filled in Application form to the email id: geetha.nuepa@gmail.com on or before 5th February 2019. Shortlisted candidates will be intimated by 15th February, 2019 and they are expected to be registered by confirming their participation in the course on or before 25th February 2019.

Programme Management

The programme will be organized by the Department of Educational Planning. The overall management of the program will be guided and facilitated by Prof.K. Biswal, Head of the Department of Educational Planning along with Dr.N.K. Mohanty and Dr. Suman Negi from the same department.

Programme Coordinator

Dr. P. Geetha Rani,

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