



National Institute of Educational Planning and Administration

(Deemed to be University)

17-B, Sri Aurobindo Marg, NEW DELHI 110016

www.niepa.nic.in

North-Eastern Regional Workshop on Research Methodology **Course on Large Scale Survey: Data Analysis and Tools** (9-13th September, 2024)

In collaboration with The Indian Econometric Society of India (TIES)

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 NSO, IHDS, NFHS, U-DISE, etc. This five-day workshop 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 analyze 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 NSO, NFHS, IHDS, U-DISE, NAS, 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, etc.

Resource Persons

These themes and topics will be covered by resource persons from NIEPA, experts from The Indian Econometric Society (TIES) and 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 in the north-eastern states. The workshop is intended for young researchers working on Education and related issues in the north eastern states. The knowledge on basic statistics, mathematics, basic econometrics and statistical software such as SPSS, STATA, 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. Maximum of 30 participants will be shortlisted for the workshop. The selected participants will be reimbursed their travel expenses.

Lodging and Boarding

The workshop will be conducted at Guwahati, Assam. NIEPA will take care of the 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: geetharanip@niepa.ac.in and or nkmohanty@niepa.ac.in on or before 15th August 2024. Shortlisted candidates will be intimated by 20th August, 2024 and they are expected to be registered by confirming their participation in the course on or before 25th August, 2024.

Program Director

Dr. P. Geetha Rani,
Professor and Head

Program Coordinator

Dr. N. K. Mohanty
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