



National Institute of Educational Planning and Administration

(Deemed to be University)

17-B, Sri Aurobindo Marg, NEW DELHI

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Regional Workshop on Research Methodology: Analytical Methods of Large-Scale Survey Data (Bhubaneswar, Odisha from September 07-11, 2026)

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 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 socio-economic and educational issues
-  To introduce the available socio-economic and education database and to facilitate the application of quantitative and/or econometric techniques to better comprehend development issues in the education sector.

Themes

Introduction to Research Methodology and Data sources in Education including Large Survey Data, Example NSS, NFHS, IHDS, 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, etc

Methodology

The programme will be based on lecture discussions, panel discussions and practical exercises. These lecture sessions will be followed by 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 softwares like SPSS and STATA.

Resource Persons

Mostly the resource persons will be drawn from NIEPA, New Delhi.

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 in the Colleges and Universities located in eastern region of India. 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 45 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 Bhubaneswar, Odisha. NIEPA will bear the cost of the lodging (twin-sharing basis) and boarding of the participants of the workshop.

How to Apply

Interested Participants can send their cv with a covering letter, along with write up of a brief research proposal, to the email id: geetharanip@niepa.ac.in and nkmohanty@niepa.ac.in by 15th August, 2026. Shortlisted candidates will be intimated by 20th August, 2026.

Program Director

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