

A week-long workshop on
Quantitative Methods for Development Studies using R and Python
(March 1-5, 2021)

Organised by

Institute of Development Studies Kolkata

(A Centre of Excellence in Social Sciences funded by the Government of West Bengal and recognised by the Indian Council of Social Science Research)
DD 27/D, Sector I, Salt Lake, Kolkata 700064. URL: <http://idsk.edu.in/>

Objective of the workshop

The workshop is intended for the researchers in Development Studies and other branches of social sciences (Economics, Political Science, Sociology, Anthropology etc) who are having a strong quantitative component in their ongoing research work and interested in improving their skills in Quantitative Methods using R and Python. The workshop would aim to integrate the epistemological issues with quantitative research methods and would focus on analytical interpretational and communicative aspects of quantitative techniques applied to social science research problems, in general and development studies and public policies, particular. The empirical illustrations to be used in the workshop will be drawn from issues connected to development studies and public policies providing a broad interdisciplinary perspective on the use of quantitative methods.

Topics to be covered

- Quantitative Methods, Interdisciplinary Research and Development Studies
- Looking at Quantitative Data through Summary Statistics and Graphical tools
- Population, Sample and Hypothesis Testing
- Sampling Techniques and Designing of Primary Survey Instruments
- Working with Large-scale Survey Data
- Linear Regression with Cross-sectional Data and Regression Diagnostics
- Qualitative Response Regression Models and Diagnostics (Simple, Ordered, Multinomial Logit/Probit Models)
- Measurement of Inequality
- Overview of Important Data Sources

Who can apply?

MPhil and PhD students, young faculty members in colleges, universities and research institutions (belonging to any discipline of social sciences) having a strong component of Quantitative analysis in their ongoing research work. An applicant must possess at least elementary knowledge of Statistics and Spreadsheet. It is preferable that the applicant is familiar with at least one Statistical Software.

How to apply

Application can be made online using the following link:

<https://forms.gle/numgexfSzZhG5MWx6>

What we provide

- All the sessions will be conducted through online mode.
- Essential reading materials will be provided in soft versions.
- After the completion of the workshop, participants will be awarded with certificates of participation.

Workshop Fee

Rs. 1000/- (Rupees one thousand only). Workshop fee is payable online only after the applicant is selected to attend the workshop.

Intake Capacity

30 (maximum)

Important Dates

- Last day for application: **February 19, 2021**
- Communication to the selected candidates: **February 22, 2021**
- Confirmation of participation and payment of workshop fees: **February 22-26, 2021.**
- Workshop: **March 1-5, 2021**

Workshop Coordinators

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