



**Giri Institute of Development Studies, Lucknow-226024
(A National Research Institute of the ICSSR, GOI & Govt. of UP)**

**10-Day Methodology Programme on Advanced Tools and Techniques in
Social Sciences Research for the Research Scholars
(11 – 20 July, 2022)**

The Giri Institute of Development Studies (GIDS) is organizing a “10-Day Methodology Programme on Advanced Tools and Techniques in Social Sciences for the Research Scholars” during 11–20 July, 2022. The programme is funded by the ICSSR, Ministry of Education, Govt. of India, New Delhi. The Programme aims to provide splendid opportunities to the participants to have an exposure to advanced tools and techniques suitable for social research, and would provide an academic platform to have an exalted interaction with the eminent social scientists of scholarly pedigree. Please see the concept note and themes of the programme below.

Interested bonafide M. Phil, doctoral and post-doctoral research scholars of social science disciplines from Indian universities, research institutes and colleges may apply for the same. A total of 35 participants (outstation 20 & local 15) would be selected.

The GIDS will provide to and fro TA (sleeper or equivalent fare for the shortest route), and boarding and lodging facilities to all outstation participants. **The participants need not to pay any fees.** However, the application of a candidate must be endorsed/forwarded by his/her supervisor or head of the department.

Interested candidate may send his/her duly filled up application form (**provided below**) along with (1) a copy of his/her updated CV, (2) a write up of not more than 200 words about how this programme is going to benefit his/her research to kesana22@gmail.com or ksrao@gids.org.in preferably as email attachments **on or before 15 June, 2022.**

Postal Address for Communication:

Programme Director(s),
'10-day Methodology Programme on Advanced Tools and Techniques in Social Sciences
Research for the Research Scholars'
Giri Institute of Development Studies,
Sector- O, Aliganj,
Lucknow – 226024
Uttar Pradesh

Phone Contact:

Dr. K. S. Rao: Mobile: + 91-9958007599; Office: 0522-4001661/67, Extn: 21
Dr. Animesh Roy (Mobile: +91-8052465387); Office: 0522-4001661/67, Extn: 64

Director
GIDS

10-Day Methodology Programme on Advanced Tools and Techniques in Social Sciences Research for the Research Scholars (11–20 July, 2022)

Introduction

Social science research intrinsically embodies diversified theoretical perspectives, methodological strategies, data collection practices and analysis techniques. These variegated dimensions have made it fundamentally inevitable for the young social science scholars to undergo trainings to be equipped with advance methodological techniques and skills. Conducting scientific research in general, and social science research in particular requires visualizing the abstract from actual observations, mentally “connecting the dots” to identifying hidden concepts and patterns, and synthesizing those patterns into generalizable laws and theories that can further be applied to other contexts over time and across space. It involves constantly moving back and forth from an empirical plane, where observations are conducted, to a theoretical plane where those observations are abstracted into generalizable laws and theories. This is virtually an academic skill that takes years to develop.

The general connotation is that researchers often can not produce high quality research without having experienced exposure to the latest research tools and techniques, and without understanding about how to do traditional social science research efficiently and scientifically. This under-privileged situation is rampantly prevalent in the present-day academics, particularly among the scholars of socially and economically weaker/backward classes (SC and ST) as well as the downtrodden minority groups. Scholars pursuing research programmes and belonging to these social groups, more often than not, remain deprived of availing academic opportunities to refine their methodological skills to a desired level, and thus stand under-privileged to acquire heedful insights into the sophisticated potential techniques methodologically suitable for their respective fields or disciplines. Thus, a considerable strand remain unenlightened or unaware of the current advancement in social science research that truly makes research an activity of solving problems, and adds new dimensions, syntheses and generalizations largely derived from empirical evidences. Recognizing this need, we on behalf of the Giri Institute of Development Studies, Lucknow, and the Indian Council of Social Science Research (ICSSR), Ministry of Education, Govt. of India— the funding agency— would like to a organize a *'10-Day Methodology Programme on Advance Tools and Techniques in Social Science Research for the Research Scholars'* during 11-20 July, 2022. The programme has been aimed and designed in a way that it would potentially and significantly downsize this void of the participants and

help analyze and interpret both numeric and spatial data expeditiously.

Objectives

The programme in general aims to provide the participating scholars of social sciences with the techniques uttermost necessary to undertake the empirical research. More specifically, it seeks to expose scholars to the latest methodological development in Social Science research and improve their knowledge and skills with regard to the latest research tools (as in, Remote Sensing and GIS) and statistical softwares (SPSS & STATA) for the analyses of quantitative and spatial data. It also intends to enhance the ability of the participants in explaining and demonstrating different statistical output (results) while using the above stated softwares.

Course Content

1. *Basic Understanding*: Concept and meaning of research, ontology and epistemology; types of data, variables, parametric & non-parametric data, descriptive statistics, sampling, sample t-test, ANNOVA, correlation etc., and ethnographic research.
2. *Regression Modeling*: Ordinary Least Square, Multicollinearity, Heteroscedasticity and Autocorrelation, Univariate Modeling (ARMA) and Multivariate Modeling (VAR).
3. *Advanced Econometrics Modeling*: Propensity Score Matching, Dummy Variable Model, Logit and Probit Models.
4. Econometrics Software: SPSS & STATA
5. Remote Sensing & GIS: Arc GIS & ERDAS IMAGINE

Pedagogy

The programme delivery will have a mix of lectures, demonstrations, interactive sessions, assignments, and hands-on training on the SPSS, STATA, Arc GIS & ERDAS IMAGINE. Study material will be provided as a core part of the programme. Participants will be provided with the relevant real example data sets for the purpose of analyses in order to facilitate the experimental learning.

Duration of the Programme: 10 Days, 11-20 July, 2022.

Number of Intake (participants): 30-35 scholars, of which 10 will be drawn from Lucknow.

Selection of Participants

The participants of the programs must be bonafide research scholars pursuing PhD or Post-Doctoral

Research in any Indian university, research institution or college who have keen interest in undertaking social research. Preferences would be given to the participants belonging to the SCs/STs, minorities, EWS and female participants. If the desired count falls short, candidates may be drawn from the unreserved (general) category.

Resource Persons:

The resource persons for the programme would be from the Jawhalal Nehru University, IIT Kanpur, IIM-Lucknow, IIM-Kolkata, Lucknow University, IEG Delhi, Vidyasagar University, Inflibnet Ahmedabad and GIDS.

Funding Agency: The Indian Council of Social Science Research (ICSSR), New Delhi.



Application Form



**Giri Institute of Development Studies
Sector - O, Aliganj, Lucknow – 226024 (UP)**



Please read the instructions before fill-up this form:

- (a) This form must be filled-up completely and no column should be left blank.
- (b) Incomplete form will be summarily rejected.
- (c) Strike out whichever is not applicable.
- (d) For a reserved candidate, a copy of an authentic certificate is mandatory.

Affix your
recent
passport
Photograph

Programme Title: ‘10-Day Methodology Programme on Advanced Tools and Techniques in Social Sciences Research for the Research Scholars’ (11-20 July, 2022)

1. *Name: (In Capital letters):*
2. *Category:*(SC/ST/PH/OBC/Women/ Minority/GEN)
(Provide a self-attested copy of the caste certificate)
3. *Father's Name:*
4. *Scholar’s Present Research Programme:*(M. Phil/ PhD/ Post-Doctoral Research).

Mobile:

Email:

5. *Department (or Centre with the core subject):*
6. *Name of the University/Institute/College with full Address & Phone Number:*

7. *Complete Address for Correspondence with a PIN Code:*

8. *Date of Birth:*..... 7. *Sex:* Male/Female

9. (a) *Master in (Subject):*

(b) *If Ph D completed, topic of PhD:*

(c) Broad area(s) of current Research:

10. Number of papers published in refereed Journals:.....

13. Have you ever attended any course organized by the GIDS?(Yes/ No)

If yes, provide details:

11. Please furnish a write up of 200 words about how ‘this programme is going to benefit you in your ongoing or future research (attach a separate sheet).

12. Do you require accommodation during the programme (only for outstation participants)? Yes/No

Declaration

I hereby declare that all the information furnished above is true and correct to the best of my knowledge and belief. I understand that in the event of any information being found incorrect, my application is liable to be rejected.

Signature of the Candidate
Place
Date

Certificate of the Head of the Department/ Supervisor

This is to certify that Dr./Mr./Ms./Mrs.is a bonafide M. Phil/Doctoral/Post-doctoral scholar at the.....(Department/Centre),
.....(Name of the
University/Institute/College).

Signature & Seal (Mandatory):
(Supervisor/HOD/ Chairperson of the Centre)