



TWO WEEK CAPACITY BUILDING PROGRAM ON APPLICATION OF STATISTICAL AND GEOSPATIAL TOOLS IN SOCIAL SCIENCES

(03rd October to 15th October, 2025)

Sponsored By

**Indian Council of Social Science Research
New Delhi**



Jointly Organized By

**Eliezer Joldan Memorial College, Leh &
University of Ladakh**

In Collaboration with

GDC Zanskar

Course Director

Dr. Mohd Taqi

Assistant Professor, Department of Geography

EJM College, Leh

Mob: +91-8826726735

Email: mohdtaqigeo@gmail.com

Course Co-Director

Dr. Mohd Salim

Assistant Professor, Department of EVS

GDC Zanskar

Mob: +91-8494005066

Email: vgassizfri10@gmail.com

About the Course

The Two Week Program is designed to provide an intensive academic and practical exposure to young faculty members in the Social Science disciplines. In today's era of empirical research, and data-driven decision-making, the integration of statistical methods and geospatial techniques has become indispensable for conducting high-quality, rigorous, and impactful research. This program seeks to build the capacity of participants by equipping them with the conceptual foundations as well as hands-on training in advanced statistical and geospatial tools applicable in their respective domains of research.

Over the course of two weeks, the program would bring together eminent academicians, subject experts, and practitioners who will engage participants in interactive lectures, demonstrations, and practical sessions. It aims to familiarize participants with various statistical techniques, data analysis tools, and the use of specialized software packages. At the same time, the program emphasizes the application of geospatial technologies such as GIS, remote sensing, and spatial data analysis, which are increasingly relevant for addressing complex social science issues like urbanization, health disparities, environmental challenges, and regional development.

The program has been carefully structured to strike a balance between theoretical inputs and practical applications. By blending quantitative and spatial approaches, participants will not only gain an understanding of the methods but also acquire the ability to independently design, execute, and analyse their own research with greater precision. Ultimately, this program aspires to empower social science researchers to generate insights that are academically robust, socially relevant, and policy-oriented.

Course Objectives

- To build research capacity among social science scholars and faculty members.
- To train participants in the application of **statistical tools** for analysing social science data.
- To familiarize participants with **geospatial techniques (GIS & Remote Sensing)** for socio-economic and environmental studies.
- To enhance participants' ability to integrate **quantitative and spatial approaches** in their research.
- To provide hands-on training and promote methodological rigor.

Course Coverage

Broadly, the course intends to deal with a variety of analytical research methods used in social sciences and allied studies, with particular emphasis on the implementation of these methods. In addition, the participants will also be introduced to the application of statistical and geospatial tools, and will gain hands-on experience in using software such as **SPSS**, and **ArcGIS/QGIS** for data analysis. The specific areas to be covered include:

- Meaning, objectives & types of research, research approaches, problem identification and formulation of research questions
- Research design, selection of research topic, review of literature
- Concept and history of fieldwork; stages of fieldwork
- Quantitative and qualitative research methods, survey method and sampling.
- Geospatial approaches in social science research: GIS, Remote Sensing applications, and spatial data analysis.

- Academic writing: papers for journals, preparation of reports.
- Ethics in academic writing.
- Structure of paper, report, and book; elements of writing; e-library training.
- Research proposal writing, field visit & data collection.
- Application of GIS and statistical tools in interdisciplinary and policy-oriented research.

Eligibility Criteria for Participants

All Faculty members in recognized Indian university/Research Institute from any branch of Social Sciences can apply for this Research Methodology Course.

Intake

Maximum 30 (10 local, 10 from UT Ladakh other than local and 10 from outside Ladakh) participants from social science disciplines will be selected. The selection will be made on first come first serve basis. Further, priority will be given to the participants belonging to Scheduled Tribe (ST).

How to Apply

Interested Faculty may apply for the course by filling up the Registration form on or before **17th September, 2025**. A duly filled soft copy of the registration form and required documents may please be sent through email at mohdtaqigeo@gmail.com or upload in the given registration link:

<https://forms.gle/xMg1fCkS9fhDgWPA8>

* Candidates who have already attended a similar program need not apply. Participants are required to bring their Laptop for practical sessions.

Registration Fee

There is no registration fee for the selected participants.

Accommodation & Travel Allowance

Accommodation on sharing basis will be provided to the outstation participants only. Travel allowance by shortest distance (3 class AC return train fare or bus fare only) will be reimbursed to the outstation participants as per the ICSSR guidelines. To claim the travel allowance, participants must submit their valid original tickets.

Important Links

Registration Link:

<https://forms.gle/xMg1fCkS9fhDgWPA8>

Application cum Recommendation Form

Download link:

https://drive.google.com/file/d/1GhrZL0rqMUCv_sGp2R2ir3f4MhZ4Qq5C/view?usp=sharing

Important Dates & Venue

- Last date for receiving the application: **17th September 2025**
- Publication of Selected Candidates: **20th September 2025**
- Deadline of Confirmation from the Participants: **22nd September 2025**
- Announcement of Final List: **24th Sept. 2025**

Venue: Eliezer Joldan Memorial College, Leh, UT Ladakh.

Chief Patron

Prof. (Dr.) Saket Kushwaha
Hon'ble Vice Chancellor,
University of Ladakh

Patron

Prof. Stanzin Yangdol
Principal, EJM College Leh

Co-Patron

Dr. Amjad Ali Abassi
Principal, GDC Zanskar

Organizing Committee

- | | |
|-------------------------|-------------|
| 1. Dr. Tsetan Dolkar | Convener |
| 2. Dr. Syed Ali Shah | Co-Convener |
| 3. Prof. Rinchen Angmo | Member |
| 4. Dr. Tashi Dorjay | Member |
| 5. Dr. Yangchan Dolma | Member |
| 6. Prof. Zahoor Hussain | Member |
| 7. Prof. Stanzin Padma | Member |
| 8. Dr. Amjad Khan | Member |
| 9. Dr. Samina Rehman | Member |
| 10. Prof. Hajira Bano | Member |
| 11. Dr. Diskit Wangmo | Member |

For queries, please contact

Dr. Mohd Taqi
Course Director
Cell No. +91-8826726735
mohdtaqigeo@gmail.com