

Centre for Multi-disciplinary Development Research (CMDR), Dharwad
A Three-Week Training Programme
Refresher Course/Capacity Building Training Programme on
“Use of Modern Tools in Social Science Research”
For Faculty Members and PhD Scholars
25th February - 17th March 2025
(Two Weeks Offline and One Week Online)

The importance of social science research has significantly increased in recent years, especially in developing countries like India. Modern tools, technologies, and methodologies have revolutionized research approaches, offering greater precision and efficiency.

Numerous platforms like ScienceDirect, ResearchGate, Academia, and JSTOR provide a wealth of literature for reviews. Meanwhile, national datasets such as NSSO, NFHS, RBI, CSO, and Census, along with international sources like the World Bank, UNDP, WHO, and WITS, offer systematic and time-series data for analysis.

For primary data collection, applications such as Kobo, Google Forms, SurveyMonkey, and ODK enable paperless, accurate, and reliable data collection, saving both time and resources. Tools like SPSS, R, and STATA support scientific data processing, while software such as QGIS and ArcGIS allow for geo-mapping, geo-tagging, and the creation of thematic maps.

Despite these advancements, the use of modern tools by Indian PhD scholars remains relatively low due to a lack of adequate training. To address this gap, CMDR is organizing an in-depth training programme focused on four key themes:

1. Review of Literature
2. Secondary Data Collation and Processing (SPSS and QGIS)
3. Primary Data Collection (Kobo) and Processing (SPSS and QGIS)
4. Research Report Preparation

Objectives:

- To train scholars in using digital tools for efficient literature reviews, saving time, energy, and resources.
- To equip participants with skills for paperless fieldwork using Kobo software, enabling accurate and reliable data collection while reducing costs and time.
- To provide hands-on training in QGIS software for presenting data through thematic maps and GPS tags.
- To teach participants SPSS techniques for data analysis, including averages, percentages, cross-tabulations, correlations, regressions, t-tests, chi-square tests, index construction, and graph generation.

- To help scholars conduct systematic, scientific research within a reasonable timeframe, minimizing fieldwork and other expenses.
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Programme Details:

- **Mode:** Fully participatory, requiring regular practice of taught methods (e.g., Kobo questionnaire design, QGIS thematic maps, SPSS analysis).
 - **Schedule:** Participants must be present for all classes
 - **Seats:** Limited to 30 participants.
 - **Registration Fee:** None.
 - **Facilities Provided during Offline:**
 - Lunch, morning tea, and evening tea daily for all participants.
 - Dinner and Accommodation are only for outstation participants.
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Target Group:

Young faculty members and research scholars in social sciences.

Programme Duration:

Total Duration Three Weeks: 25th February to 17th March 2025

Offline in CMDR Two Weeks 25th February to 10th March 2025

Online One Week: 11th February to 17th March 2025

Application Process:

Interested participants must apply by **15th February 2025** using the following link:

<https://forms.gle/QednYnZmc2ecWSXZ6>

Contact Information:

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