

Centre for Multi-disciplinary Development Research (CMDR)

Dharwad.

Four Week Certificate Course

on

Use of Modern Tools for Social Science Research

For PhD Scholars **from 01.07.2022 to 28.07.2022**

Importance of *social science research* is increasing significantly in the recent years in developing countries like India. Many modern tools, technology and methodologies have been developed to improve the level of social science research. With respect to review of literature, many websites such as science direct, research gate, academia, jstor and so on are providing tones of literature from world over. In case of data, NSSO, NFHS, RBI, CSO, Census and so on at the national level; world bank, UNDP, WHO, WITS and so on at international level provide systematic and time series data. On the other hand, to collect primary data systematic application were developed by Kobo, google forms, survey monkey, ODK and so on. Using these applications paper less, accurate, reliable data can be collected. They save the time and resources. Applications like SPSS, R, STATA and so on will be helpful to process the data very scientifically. Further, softwares like QGIS and ArcGIS will be helpful for geo-mapping, geo-tags, thematic maps and so on. However, use of modern tools in Indian PhD Scholars is comparative low due to lack of training programmes on the same. Hence from this background, CMDR is intended to provide a in-depth training programme on four main themes namely- Review of Literature, Secondary Data Collation and Processing (**Software-SPSS and QGIS**), Primary data Collection (**Software-KOBO**) and Processing (**SPSS and QGIS**) and Preparation of the Research Report. This course will enhance the research capabilities.

Objectives:

- To train the students to use the new digital technology to carry out their review of literature, this will save their time, energy and resources.
- To train the students to conduct paper less field work through the Kobo Software, this helps to collect the accurate and reliable data, this also reduces the cost, time of field work.
- To train the students to use the QGIS Software to present the data in thematic maps and GPS tags.
- To train the students to use SPSS package to analyze the data through different tools like, average, percentages, cross tabulation, correlation, regression, t-test, chi-square test, construction of indices, different types of graphs and so on.
- To train the students to complete their research work very scientifically and systematically in good time with minimizing the field and other expenses.
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The course is participatory in nature. Participants have to be in the campus from 10.00 am to till 6.00 pm. Every day, only two classes will be there and remaining time participants have to practice the methods, which are taught to them (such as, Kobo Questionnaire design, QGIS thematic and other maps, SPSS and so on). The course will be for 40 students. There will not be any registration charges for the participants. Every day lunch will be provided; morning and evening Tea will be provided. Out station participants have to make their own accommodation. Interested scholars has to register on or before 28.06.2022. Selected applicant will be informed on 29.06.2022. Interested scholars have to register using the weblink:

<https://docs.google.com/forms/d/e/1FAIpQLSfA8ksqcg3PsE0IYHTEmNVUQKlqwcwj7vK C3yMav0102UG9ew/viewform>

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