

Research and Data Analysis in the Social Sciences

Programme Director: Dr. S. Rama Gokula Krishnan,
Assistant Professor, Department of Social Work

Email: ramagokulakrishnan@gmail.com

Duration: 60 h
Credits: 2
Fees- Rs. 4,000

Objectives of the course:

To provide students with a practical understanding of social science research.
To introduce them to the use of data analysis software.
To enable students to carry out data collection, data entry using the software, and interpretation.
To enhance their research writing skills.
To help students develop a research bent of mind.

Syllabus

Unit I-Introduction to Social Science Research (20 Hours)

Definition and meaning of research; Types of research; Social Science Research' Steps involved in writing a research proposal; Steps involved in carrying out research; Tools of data collection; Quantitative and qualitative techniques of data analysis: chi square, ANOVA, Pearson's correlation, multiple regression, case study, and focus group discussion; use of software in data analysis; report writing.

Unit II- Conducting a basic social science research (Practical) (20 Hours)

Designing a Research Proposal; Formulating an interview schedule; understanding the use of scales; Selection of suitable scale; Collection of qualitative and quantitative data from respondents.

Unit III- Data analysis using software and report writing (20 Hours)

Entering quantitative data in data analysis software; use of data analysis software to carry out statistical tests; organization of results into tables; interpreting the results; use of diagrams in research; use of case studies and focus group discussions in understanding results; reporting of findings; presentation of findings.