

DSE3-K : FUNDAMENTAL PRINCIPLES OF SOCIAL RESEARCH AND TECHNIQUES OF SOCIAL RESEARCH

Semester 6

Objectives

1. To introduce students to the basic concepts of quantitative and qualitative research methods and their differences in social science research.
2. To develop understanding of various data collection techniques such as observation, interview, and questionnaire along with their types, advantages, and limitations.
3. To train students in data analysis, interpretation, and report writing using statistical tools and visual representations like tables, graphs, and narratives.

Expected Outcomes

1. Students will be able to differentiate between quantitative and qualitative research methods and apply appropriate methods for different research problems.
2. Students will gain practical knowledge of data collection techniques and evaluate their suitability in different research contexts.
3. Students will be able to analyze data using basic statistical measures and present research findings effectively through structured report writing.

Unit IV: Quantitative and Qualitative Methods

Difference between quantitative and qualitative research

Survey – Meaning, nature, advantages and disadvantages

Case study – meaning, nature, advantages and disadvantages

Unit V: Techniques of Data Collection

Observation – The Techniques, types, advantages and disadvantages

Interview – The Techniques, types, advantages and disadvantages

Questionnaire – The Techniques, types, advantages and disadvantages

Unit VI: Data Analysis and Report Writing

Use of Narratives, Photographs, tables, graphs, histograms

Measures of central tendency (mean, median and mode) and dispersion

Analysis – Qualitative Quantitative

Interpretation and Report writing