

RESEARCH METHODOLOGY
Paper- IX
(APPLIED COMPONENT)

OBJECTIVES:

- To introduce students to the nature of scientific method in social science research.
- To provide students an understanding of the research process in social sciences.
- To familiarise students and acquaint them with knowledge of quantitative and qualitative techniques and methods commonly used in sociological research.
- To enable students to apply theoretical knowledge of social research to field study. Students are required to prepare a project based on field study.

1. Social Research – Introduction (7 lectures)

- a) Historical Context of Research
- b) Scope of Social Research – Knowledge Building, Study of Social Problems, Theory Making and Policy Making.

2. Research Methodology (9 lectures)

- a) Survey Approach, Historical Approach
- b) Objectivity and Ethical Neutrality

3. Study of Research Designs (9 lectures)

- a) Exploratory Design
- b) Descriptive Design
- c) Action Research
- d) Experimental Research

4. Quantitative Research (9 lectures)

- a) Questionnaire
- b) Interview Schedule
- c) Scaling Techniques-Social Distance, Sociometry

d) Introduction to SPSS

5. Qualitative Research (9 lectures)

- a) Participant Observation (Ethnography)
- b) Case Study
- c) Focused Group
- d) Content Analysis

6. Sampling – (9 lectures)

Meaning, Significance, Probability and non-probability sampling.

7. Presentation of Data – (9 lectures)

Graphic Presentation of Data

Pie Chart, Bar Diagram, Histogram, Frequency Polygon, Ogive

Measures of Central Tendency – Mean, Mode, Median

(Sums – Ungrouped and Grouped data)

8. a) Measures of Dispersion – (9 lectures)

Range, Quartile Deviation, Mean Deviation, Standard Deviation

(Sums-Ungrouped Data and Grouped Data)

b) Normal Distribution Curve.

9. Project Work –

The teacher should provide a brief orientation into the following: Formulation of Research Problem, Literature Search, Statement of the Problem, Formulation of Hypothesis, conceptualization, variables, data collection, classification and coding, tabulation, analysis and interpretation of data and report writing. This is to enable students to conduct project work effectively.

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