

**V SEMESTER  
RESEARCH METHODOLOGY - PAPER V  
60 Hrs**

**For Students of 2020 Onwards**

Objectives:

- To create an aptitude for research work.
- To pursue minor research projects.
- To teach the use of different statistical techniques for social research.

**UNIT I: Introduction to Research Methodology: 10 Hrs**

Meaning of Research, Scientific Method, Social Science Research, Applications of Social Research, Limitations of Social Science Research, Issues of Objectivity and Value Neutrality Pure and Applied Research.

**UNIT II: Research Design: 15 Hrs**

- a) Meaning, Definition and Importance, Sequence and Planning of Research, Identification of Research Problem, Review of Literature, Formulation of Hypothesis.
- b) Types of Research Design: Exploratory, Descriptive, Diagnostic and Experimental.
- c) Characteristics and Pre-requisites of a Good Research Design, Testing Nature, Classification, Importance and the Contents of a Research Plan (Hypothesis, Concepts, Sampling)

**UNIT III: Methods of Data Collection: 15 Hrs**

- a) Meaning and Importance of Data Collection.
- b) Sources of Data
  - Primary Data: Observation, Interview, Experimentation,
  - Secondary Data, Survey, Reports, Documents
- c) Tools for Data Collection, Questionnaire, Interview Schedule, Inventories.

**UNIT IV: Processing of Data: 10 Hrs**

Meaning and Importance, Quantification, Scoring Techniques, Editing, Coding and Decoding & Classification, Transcription of Data.

**UNIT V: Report Writing: 10 Hrs**

Introduction, Types of Reports, Planning Report Writing, Structure of Research Report, Contents of Research Report, Use of Diagrams and Graphs, Documentation – Footnotes, Referencing, Citations & Bibliography,

## **REFERENCE BOOKS:**

1. Methodology of Research in Social Sciences, 2006, O.K Krishnaswamy & M Ranganathan, Himalayan Publishing House
2. Scientific Method & Social Research, 1992, B.N Ghosh, Sterling Publishers
3. Research Methods, Ram Ahuja, 2002, Rawat Publications
4. Wilkinson & Bhandarkar

### **Outcome:**

Students can be employed as researchers, surveyors, social planners and as social welfare officers.