

## 3.4.1 INCLUSION OF RESEARCH ETHICS IN RESEARCH

## METHODOLOGY COURSE WORK [BA-SOCIOLOGY 2017-22]

St. Mira's College for Girls, Pune

Sociology Special III  
Research Methodology

Semester V	Subject Code: A 51712	Lectures: 60
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## Objectives:

- To acquaint students with the basic concepts of Research Methodology
- To help students understand the basic stages in scientific research
- To acquaint students with the APA style of preparing research proposal and writing research report

## Unit 1: Social Scientific Research

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- Concept of social Research
  - Definitions
  - Aims
  - Motives
  - Principles
- Types
  - Pure and Applied
  - Quantitative and Qualitative
- **Ethics in social research**
- Research process
  - Steps in social research
- Data collection methods (questionnaire, structured interview, observation)

## Unit 2: Quantitative Methodology

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- Research problem, Hypothesis and Variables
- Formulating a research problem- Importance, Sources , Steps, Considerations and Operational definition
- Identifying variables- Definition and types
- Types of measurement scales
- Constructing hypothesis- function and characteristics, types
- Research design
  - Functions of research designs
  - Types of research designs- based on number of contacts, based on reference period, based on nature of investigation
- Sampling
- Concept and principles of sampling
- Factors affecting inferences drawn from samples
- Types of probability and non probability sampling methods
- Data Processing, Editing, Developing a frame of analysis (Practical Assignments)
- Displaying data: Tables and graphs.(Practical Assignments)



- Writing a Research report -Purpose, Structure and Format- APA conventions

Unit 3: Qualitative Methodology	18
<ul style="list-style-type: none"><li>• Nature of qualitative research<ul style="list-style-type: none"><li>◦ Features</li><li>◦ Steps in qualitative research</li><li>◦ Main preoccupations of qualitative researcher</li><li>◦ Contrast between quantitative and qualitative methodology</li></ul></li><li>• Positivism and critique of positivism<ul style="list-style-type: none"><li>◦ Feminist methodology</li></ul></li><li>• Methods of data collection<ul style="list-style-type: none"><li>◦ Ethnography and participant observation</li><li>◦ Unstructured interviews/ oral history</li></ul></li><li>• Qualitative data analysis<ul style="list-style-type: none"><li>◦ Analytical induction</li><li>◦ Grounded theory</li><li>◦ Coding</li><li>◦ Steps of interpretation</li></ul></li><li>• Presentation of data<ul style="list-style-type: none"><li>◦ Matrix</li><li>◦ Charts</li><li>◦ Tables</li></ul></li><li>• Report writing</li></ul>	

**\*Assignments and library hours (12 hours)**

Methods of data collection- Questionnaire, Interview, Observation, Tests (Assignments)

**Recommended Text Books:**

- Sarantakos S.: Social research, Macmillan Press, Uk. 1998.
- Bryman Alan. Social Research Methods, Oxford University Press, UK, 2001
- Kumar.R (2014) Research Methodology – A Step by Step guide for Beginner's (2<sup>nd</sup> Ed) Pearson Education, India.
- McBurney.D.H.(2002) Research methods (5<sup>th</sup> Ed) ThomsunWoodworth , Bangalore.
- Henne Et.al (2009): A Critical Introduction to Social Research, Sage, NY.
- Mukherjee ParthaNath (2000): Methodology in Social Research, Sage, N. Delhi

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**Reference Books:**

- Denzin Norman, Lincoln Yvonna (ed): Handbook of Qualitative Research, Sage: Thousand Oaks, 2000.
- Somekh and Lewin (2005): Research Methods in the Social Sciences, Vistaar, N. Delhi.
- Candland D.K Psychology: The Experimental Approach, Mc-Graw -Hill, New York.
- D'Amato (1970) Experimental Psychology Tata McGraw -Hill Ed, New Delhi
- Goodwin J.C. (2002) .Research in Psychology: Methods and design,3<sup>rd</sup> Ed, Wiley and sons Inc, New York
- Kerlinger. F.N (1995). Foundations of Behavioural research Rinehart Winston Inc.Surjit Publications, Delhi.
- Singh.A.K. (2004) Tests, Measurements and research methods in Behavioural sciences (3<sup>rd</sup> Ed), BhartiBhavan Publishers, Patna.

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