

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

***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 (2nd Ed) Pearson Education,India.
- McBurney.D.H.(2002) Research methods (5th 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, 3rd 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 (3rd Ed), BhartiBhavan Publishers, Patna.

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