

## **GIR 3401: Fundamentals of Research Methodology**

### **Course Objectives**

The main objective of this course is to introduce the basic concepts in research methodology in Social science. This course addresses the issues inherent in selecting a research problem and discuss the techniques and tools to be employed in completing a research project. This will also enable the students to prepare report writing and framing Research proposals.

### **Course Outcomes**

- Students who complete this course will be able to understand and comprehend the basics in research methodology and applying them in research/ project work.
- This course will help them to select an appropriate research design.
- With the help of this course, students will be able to take up and implement a research project/ study.
- The course will also enable them to collect the data, edit it properly and analyse it accordingly. Thus, it will facilitate students' prosperity in higher education.
- The Students will develop skills in qualitative and quantitative data analysis and presentation.
- Students will be able to demonstrate the ability to choose methods appropriate to research objectives.

### **Unit I: Basics in Social Science Research**

1. Social Science Research: meaning and significance,
2. Objectivity in Social Science Research
3. Types of Research: Historical and Analytical, Quantitative and Qualitative, Empirical and Normative

### **Unit II: Research Design**

1. Experimental and exploratory research designs
2. Preparing research proposals: Selection of the topic, Review of literature, Identifying Objectives of the Study, preparing Research Questions,
3. Hypothesis formation

### **Unit III: Data Collection**

1. Sources of Data: Primary and Secondary
2. Methods of collecting data: Observation, Questionnaire, Interview, Focus groups and Case study method
3. Types of Sampling: Random sampling, Systematic sampling and Stratified sampling
4. Survey Research: Role of library and Internet

#### **Unit IV: Data Analysis**

1. Validation of Data
2. Writing research report, Format of the report
3. Style of referencing, Bibliography

#### **Unit V: Issues in Research**

1. Research Ethics
2. Plagiarism, software to detect plagiarism

#### **Reading Materials**

Alan Bryman (2018): Social Research Methods, London: OUP

B A Prasad Sharma and P. Satyanarayan. Ed.(1983): Research Methods in Social Sciences, New Delhi: Sterling

Bridget Somek and Cathy Lewin (2005): Research Methods in the Social Sciences, New Delhi: Sage

B.N Ghosh (1984): Scientific Method and Social Research, New Delhi: Sterling.

C. R Kothari (2004): Research Methodology: Methods and Techniques. New Delhi: New Age International.

David McNaab (2010): Research Methods for political Science, New York: Routledge

Gary King et al., (1994): Designing Social Inquiry; Scientific Interference in Social Research, Princeton: Princeton University Press.

John W Cresswell& J David Cresswell (2017): Research Design, New Delhi: Sage.

Jayson D. Mycoff (2019): Working with Political Science Research Mehods, London: Sage

Roger Pierce (2008): Research methods In Politics: A Practical Guide, New Delhi: Sage

S P Gupta (2012): Statistical Methods, New Delhi: Sultan Chand & Sons

William J.Goode and Paul K. Hatt (1952): Methods in Social Research, New York: Mc Graw-Hill Book Co.

Zina O Leary (2010): The Essential Guide to Doing Your Research Project, New Delhi: Sage.