

## **REPORT ON WORKSHOP- RESEARCH METHODOLOGY IN SOCIAL SCIENCES on 26-27 October 2023**

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The workshop on Research Methodology on Social Sciences was organised by the Department of Economic on 26- 27 October, 2023 in Shyamlal College in the seminar room. The speaker of the Seminar was Miss Bisla Devi for both days. The Worksop was organised on offline mode under fours session, two hours each day.

The “Workshop on Research Methodology in Economics" aimed to provide participants with a solid foundation in research methodology and practical skills for conducting economic research. By the end of the workshop, participants were been motivated with better equipped to plan, execute, and communicate their research effectively.

On the First day she explained the understanding of the research methods (Definition of research methodology in economics, Importance of research methodology in economic studies, Differences between quantitative and qualitative research), literature review process, Importance of literature review in economic research, How to conduct a literature review, Incorporating economic theories into your research, Identifying gaps in the existing literature), and data collection tools (primary vs. secondary data, data collection techniques in economics, sampling methods and sample size determination, accessing economic databases and public data sources). The total attendees for the first day were 28 students and teachers of the department.

Whereas on the second day the Data analysis (descriptive statistics in economics, inferential statistics: Hypothesis testing, correlation, regression analysis, introduction to econometric methods, software tools for data analysis (e.g., Excel, R, Stata)) and writing research proposals, papers and tool( structuring a research proposal in economics, key components of a research proposal, writing an effective research report, ethical considerations in economic research) was discussed. The second day the session was attended 38 students and teachers.

### **Convenor**

Sanjeev Kumar

### **Organizing Committee**

Department of Economics

# AGENDA

**Total Duration: 4 hours**

**Objective:** To equip participants with essential knowledge and skills in research methodology specific to economics.

## **Workshop Agenda:**

- Introduction (15 minutes)
- Welcome and introductions
- Overview of the workshop's objectives and agenda

### **Session 1: Understanding Research Methodology (30 minutes)**

- Definition of research methodology in economics
- Importance of research methodology in economic studies
- Differences between quantitative and qualitative research

### **Research Design and Framework (30 minutes)**

- Selecting a research topic in economics
- Formulating research questions and hypotheses
- Research design: Experimental, survey, case study, or observational
- Constructing a conceptual framework

### **Literature Review and Review of Economic Theories (30 minutes)**

- Importance of literature review in economic research
- How to conduct a literature review
- Incorporating economic theories into your research
- Identifying gaps in the existing literature

### **Session 2: Data Collection and Sources (30 minutes)**

- Primary vs. secondary data
- Data collection techniques in economics
- Sampling methods and sample size determination
- Accessing economic databases and public data sources

-----**Break (15 minutes)**-----

### **Session 3: Data Analysis Techniques (30 minutes)**

- Descriptive statistics in economics
- Inferential statistics: Hypothesis testing, correlation, regression analysis
- Introduction to econometric methods
- Software tools for data analysis (e.g., Excel, R, Stata)

-----**Lunch Break (45 minutes)**-----

### **Session 4: Writing Research Proposals and Reports (30 minutes)**

- Structuring a research proposal in economics
- Key components of a research proposal
- Writing an effective research report
- Ethical considerations in economic research

### Session 7: Practical Exercise (45 minutes)

- Participants will work in small groups to formulate a research question, design a research plan, and identify potential data sources.

-----Break (15 minutes)-----

### Session 8: Presenting and Publishing Research (30 minutes)

- Effective presentation of economic research findings
- Preparing academic papers for publication
- Strategies for publishing in economics journals
- Dealing with peer reviews and revisions

### Session 9: Q&A and Closing Remarks (15 minutes)

- Open the floor to questions and discussion
- Recap of key takeaways
- Distribute workshop materials, resources, and contact information

### Conclusion







