



Bharati College
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Lesson Plan (SEC, Semester IV, Jan to May 2023)

Name of Teacher	Princy Jain	Department	Economics
Course	SEC for BA Prog	Semester	IV
Paper	Research Methodology	Academic Year	2022-23

Learning Objectives

This course is designed to provide students skills for collecting and analyzing data to answer real world problems. It will cover modes of data collection, data cleaning and data representation.

Learning Outcomes

The student will develop an understanding of how commonly available data is collected and analyzed. This would help in the interpretation of secondary data and in the management of small primary surveys.

Lesson Plan

Week No.	Theme/Curriculum	Any Additional Information
Week 1	Unit I <ul style="list-style-type: none">Data types and Sources, Formulating a research problemReviewing the literatureQualitative and quantitative data, measurement and scales, overview of some secondary data sourcesWriting a research proposal	Identifying a research problem for project assignment of each individual student
Week 2		Exploring different sources of secondary data for project assignment
Week 3		
Week 4		

Week 5-6 Week 7	Unit II <ul style="list-style-type: none"> • Selecting a study design and a method of data collection, Measurement and scales • Questionnaire design, ordering of questions, coding responses 	
Week 8-10	Unit III <ul style="list-style-type: none"> • Sampling techniques: Simple random sampling, stratification, sequential sampling; Size and cost trade-offs 	
Week 11	Unit IV <ul style="list-style-type: none"> • Processing of survey data: Data cleaning, checking for consistency 	Procuring and processing the secondary data for project assignment
Week 12-13 Week 14	Unit V <ul style="list-style-type: none"> • Analyzing data- Generating sample statistics and representing them in an easily comprehensible manner • Writing a research report 	Practice of data analysis techniques for project assignment
Week 15	Unit VI <ul style="list-style-type: none"> • Ethics and Scientific Integrity: Respecting respondent privacy, ethical standards of conduct 	Project Submission

References

Cochran, W. (1977). Sampling techniques, 3rd ed. Wiley
 Groves, R., Fowler, F., Couper, M., Lepkowski, J., Singer, E., Tourangeau, R. (2009). Survey Methodology. Wiley.
 Kumar, R. (2014). Research Methodology: A step-by-step guide for beginners, 4th ed. Sage Publications.
 Uwe Flick. (2012). Introducing Research Methodology: A Beginner's Guide to Doing a Research Project. Sage Publications. **Additional Resources**

Online Resources (If Any)	Secondary data sources can be from any relevant source like www.data.gov.in , www.mospi.gov.in , www.dbie.rbi.org.in http://www.worldbank.org , IMF etc.
Assignment and Class Test Schedule for Semester	Link the assignment and Test (optional)