

Syllabus: SEC 251 ECO - Basics of Research Methodology [2P]

Class: S.Y.B.A. Economics

Semester: IV

Course Type: Credits Related to Major – SEC

Course Code: SEC 251 ECO

Course Name: Basics of Research Methodology

No. of Credits: 02 [Practical]

No. of Hours: 60 Hours

Total Marks: 50 Marks

Preamble

It is important for students of Economics to develop a research perspective. Since each discipline has its own contours of research methodology, it is important to give the student an initiation into research methodology for Economics. This course is meant to give the student an introductory perspective to research methodology for Economics with a practical approach. The practical approach will help to broaden and deepen the understanding of the student of not only research in Economics, but also of the theoretical concepts of Economics. With this aim, this course is designed to give the student a hands-on experience of the main techniques and aspects involved in undertaking research in Economics. The course is designed in a way that the student has to choose an area from Economics and carry out a small research in this area according to the steps mentioned in the syllabus.

Course Outcomes

After successfully completing this course, students will be able to:

- CO1:** Understand the fundamental concepts, types and significance of research in various academic and professional fields.
- CO2:** Identify appropriate research problems, formulate hypotheses and define research objectives.
- CO3:** Apply suitable research design and methodology for conducting systematic investigations.
- CO4:** Collect, analyze, and interpret data using basic qualitative and quantitative research techniques.
- CO5:** Develop skills to write structured research proposals, reports and academic papers.
- CO6:** Understand ethical issues in research and apply ethical principles in research practices.

UNITS AND CONTENTS

Unit No.	Unit Title & Contents of Practical	No. of Practical
1	1. Introduction to Research Methodology for Economics	05
	1.1 - Meaning and Objectives of research	
	1.2 - Defining a research problem	
	1.3 - Types of Research in Economics: Historical, Qualitative, Quantitative, Analytical, Fundamental and Applied	
	1.4 - Review of Literature	
2	2. Data Collection Methods	05
	2.1 - Data: Meaning	
	2.2 - Primary Data and Secondary Data	
	2.3 - Sources of Secondary data	
	2.4 - Questionnaires (including Informed Consent), Schedules, Personal Interviews, Group Interviews and Case Studies	
	2.5 - Sampling: Meaning and Characteristics	
3	3. Analysis of Data and Report Writing	05
	3.1 - Basic Statistical Techniques like Averages, Growth rate rates and Correlation	
	3.2 - Presentation of data in Tables, Graphs and Charts	
	3.3 - Writing a research report with the following sections: Introduction, Review of Literature, Research Gap, Research Objectives, Methodology, Analysis, Conclusion and Reference List	
	3.4 - Plagiarism and Ethical research	
	Total Practical	15

***Note: (01 practical = 04 Hours)**

- Note:**
1. We may include Case Studies, Numerical Examples- Problems and Graphical Representations for unit 1 to 3.
 2. Students should prepare the Practical Work Book.

Practical Assessment – 50 Marks, 02 Credits

Sr. No.	Assessment Type	Marks
1	Internal Assessment – - Choose any three tools	15
2	External Assessment – - Practical Book/Journal - Oral - Practical Exam	05 10 20
Total Marks		50

References:

1. Gupta S.P. (2010), 'Statistical Methods', Sultan Chand and Sons Educational Publishers, New Delhi, ISBN: 978-81-8054-739-3.
2. Kothari C.R (2004), 'Research Methodolgy: Methods and Techniques', New Age International Publishers, New Delhi. ISBN No: 978-81-224-1522-3.
3. Krishnaswami O.R. and M. Ranganatham (2005), 'Methodology of Research in Social Science', Himalay Publishing House, Mumbai. ISBN:81-8318-188-0.
4. Kumar Ranjit (2014), 'Research Methodology: A Step-by-Step Guide for Beginners', Sage Texts, New Delhi, India. ISBN: 978-93-515-0133-6 (PB).
5. Alan Bryman, (2016), 'Social Research Methods', Oxford University Press, UK
6. उगले सुनील., गायकवाड अमोल, कारे दिपक आणि आडे नितिन (2024), 'संशोधन पध्दती', निराली प्रकाशन, पुणे
7. आगलावे प्रदीप (2020), 'सामाजिक संशोधन: पध्दतीशास्त्र व तंत्रे', श्री साईनाथ प्रकाशन, नागपूर.