



SYMBIOSIS COLLEGE OF ARTS & COMMERCE
 An Autonomous College | Under Savitribai Phule Pune University
 Reaccredited 'A+' with 3.51 CGPA For Third Cycle By NAAC | College with Potential for Excellence

COURSE TITLE	Research Methodology for Economic Analysis	
Paper Number (In case of	Economics Honours	
Course Learning Outcomes: On successful completion of the module students will be able to: <ul style="list-style-type: none"> • Develop a conceptual understanding and foundation related to Research Methodology and its various approaches. • Identify and provide a logical reasoning in the formulation of research problem, and the problems involved in systematic explanation of phenomenon. • Develop Research Design based on multifarious approaches with quantitative techniques for economic data analysis. 		
Gist of this course in maximum 3 to 4 lines	The paper enables learners to develop a skill set that helps them to plan, design and prepare a research project. The course is based on enhancing the research acumen of learners as it incorporates theory and techniques required in research process.	
Unit	CONTENTS OF THE COURSE	No. of Lectures
1.	1. <u>Title of the Topic:</u> Research Methodology: An Introduction 1.1 Research a scientific approach 1.2 Types of Research 1.3 Research Methods versus Research Methodology 1.4 Criteria of Good Research 1.5 Problems Encountered by Researchers in India	12
2.	2. <u>Title of the Topic:</u> Various Stages of a Research 2.1 Identifying a Research Problem 2.2 Literature Review and tools for reference collection 2.3 Critical Evaluation of Literature Review 2.4 Formulation of hypotheses 2.5 Research design 2.6 Data analysis 2.7 Interpretation of result	14
3.	3. <u>Title of the Topic:</u> Research Design 3.1 Meaning of Research Design 3.2 Necessity of Research Design, Framework and parameters 3.3 Approaches to Research Design: Qualitative and Quantitative 3.4 Types of Research Design: Explanatory, Descriptive, Diagnostic, Experimental, Exploratory and Hypothesis Testing Design	
4.	4. <u>Title of the Topic:</u> Methods of Data Collection 4.1 Collection of Primary Data 4.2 Observation, Interview Methods and Collection of Data through Schedules	6

	4.3 Difference between Questionnaires and Schedules 4.4 Collection of Secondary Data 4.5 Selection of Appropriate Method for Data Collection 4.6 Case Study Method	
5.	5. <u>Title of the Topic:</u> Techniques of Data Analysis 5.1 Importance of Statistics in Research 5.2 Descriptive Statistics – Mean, Median, Mode standard deviation, variance, skewness and kurtosis 5.3 Simple Regression Analysis 5.4 Multiple Correlation and Regression Analysis	13
	Total Number of Lectures	45
Teaching Methodology	1. Technology Enabled Learning 2. Class Discussions 3. Analytical Thinking	
Suggested Reference Books:		
<ol style="list-style-type: none"> 1) Bryman, A. (2016). <i>Social Research Methods</i>. Oxford University Press. 2) Bordens, K. S., & Abbott, B. B. (2002). <i>Research design and methods: A process approach</i>. McGraw-Hill. 3) Bairagi, V., & Munot, M. V. (Eds.). (2019). <i>Research methodology: A practical and scientific approach</i>. CRC Press. 4) Creswell, J. W., & Creswell, J. D. (2017). <i>Research design: Qualitative, quantitative, and mixed methods approaches</i>. Sage publications 		
Recommended Readings:		
<ol style="list-style-type: none"> 1) Goode and Halt - Methods in Social Surveys and Research 2) J K Sharma- Business Statistics 3) William Cyrus Navidi, Barry J Monk - Elementary Statistics (3rd Edition) 4) Kothari C. R., Research Methodology: Methods and Techniques (Second Revised Edition), 		