

SVKM's Narsee Monjee College of Commerce & Economics

<b>Programme: B. Com. (Economics)</b>				<b>Semester: IV</b>	
<b>Course: Research Methodology</b> <b>Academic Year: 2023-24</b> <b>Batch: 2022-2025</b>				<b>Code: NMUBCOME407</b>	
<b>Teaching Scheme</b>				<b>Evaluation Scheme</b>	
<b>Lecture</b>	<b>Practical</b>	<b>Tutorial</b>	<b>Credits</b>	<b>Theory</b>	
				<b>Internal 25 Marks</b>	<b>External 75 Marks</b>
<b>45</b>	<b>Nil</b>	<b>Nil</b>	<b>03</b>		
<b>Internal Component</b>					
<b>Class Test (Duration 20 Minutes)</b>			<b>Projects / Assignments</b>		<b>Class Participation</b>
<b>10 Marks</b>			<b>15 Marks</b>		<b>---</b>
Learning Objectives: - To Understand the basics of Research - To Understand statistical tools, various data collection and analysis methods - To Understand preparation of research report					
Learning Outcomes - Learner can undertake small research project - Learner will learn to apply various research and statistical techniques to collect and analyze data - Learner will be able to draft report on research					
Pedagogy: Classroom learning , Presentation, Theory Notes, Assignments, Case Study, Group Discussions, Group activities.					
Detailed Syllabus Plan					

<b>Module</b>	<b>Modules Content</b>	<b>Pedagogy Used</b>	<b>Duration</b>	<b>Reference Books</b>
<b>1</b>	<b>Introduction to Research</b>		<b>10</b>	
	Introduction and Meaning of Research, Objectives of Research, Features and Importance of Research in Economics and Analytics.	Lecture method, Debates, Group Discussions, Group		<ul style="list-style-type: none"> <li>• <i>Research Methodology – Methods &amp; Techniques by C.R. Kothari</i></li> </ul>

	Types of Research - Basic, Applied, Descriptive, Analytical and Empirical Research. Types of research methodology Quantitative and qualitative research methodology, definition and construct of variables Research Process Formulation of research problem: Meaning and Selection. Review of Literature.	activities, Role play		
<b>2</b>	<b>Research Design in Economics and Analytics</b>		<b>12</b>	
	Introduction and Meaning of Research Design, Need and Importance of a good research design.  Different Research designs.  Hypothesis: Formulation, Sources, Importance and Types.	Lecture method, Debates, Group Discussions, Group activities, Research project		<ul style="list-style-type: none"> <li>• <i>Research Methodology – Methods &amp; Techniques by C.R. Kothari</i></li> <li>• <i>Research Methodology (2014) – Deepak Chawla and Neena Sondhi, Vikas Publishing House.</i></li> </ul>
<b>3</b>	<b>Data Collection and Processing</b>		<b>13</b>	
	Data Collection: Introduction and meaning, types of data Primary data: Experimentation, Survey, Observation, Interview, Schedules, Questionnaires. Limitations of Primary data. Secondary data: Sources and Limitations. Factors affecting the choice of method of data collection.	Lecture method, Debates, Group Discussions, Group activities		<ul style="list-style-type: none"> <li>• <i>Research Methodology – Methods &amp; Techniques by C.R. Kothari</i></li> </ul>

	<p>Sampling: Significance, Methods, Factors determining sample size. Steps in Sample Design</p> <p>Data Presentation: Significance in Research, Stages in Data Processing: Editing, Coding, Classification, Tabulation, Graphic Presentation.</p> <p>Use of computer and internet in data collection and processing.</p>			
<b>4</b>	<b>Analysis, Interpretation and Report Writing</b>		<b>10</b>	
	<p>Research analysis: Meaning and importance,</p> <p>Analysis of data: Descriptive statistics, Testing of normality and homogeneity, choosing appropriate test, Testing of hypothesis: z test, t test, F test and chi-square test.</p> <p>Meaning and techniques of Interpretation.</p> <p>Research Report Writing: Importance, Essentials, Structure/ layout, Types.</p> <p>Research Ethics, Ethical Issues in Research – Plagiarism</p>	<p>Lecture method, Discussions, Class activity &amp; written assignments, Research project</p>		<p>• <i>Research Methodology – Methods &amp; Techniques by C.R. Kothari</i></p>
	<p>Reference books:</p> <ul style="list-style-type: none"> <li>• <i>Research Methodology – Methods &amp; Techniques by C.R. Kothari, New Age International Publishers</i></li> <li>• <i>Research Methodology – Methods &amp; Techniques by C.R. Kothari &amp; Gaurav Garg, New Age International Publishers</i></li> <li>• <i>Research Methodology – A Step-by-step Guide for Beginners by Ranjit Kumar, SAGE Publications</i></li> <li>• <i>Research Methodology (2014) by Deepak Chawla &amp; Neena Sondhi, Vikas Publishing House</i></li> </ul>			

	<ul style="list-style-type: none"> <li>• <i>Research Methodology by P. Sam Daniel &amp; Aroma G. Sam, Kalpaz Publications</i></li> <li>• <i>Statistical Methods by S.P. Gupta</i></li> </ul>
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### EVALUATION PATTERN

The performance of the learner will be evaluated in two components. The first component will be a Continuous Assessment with a weightage of 25% of total marks per course. The second component will be a Semester end Examination with a weightage of 75% of the total marks per course. The allocation of marks for the Continuous Assessment and Semester end Examinations is as shown below:

#### a) Details of Continuous Assessment (CA)

Continuous Assessment	Details	Marks
Component 1 (CA-1) – Theory subjects	Presentations/Project Work/Book Review/Field visit & its presentations/Assignments Etc.	15 marks
Component 1 (CA-1) - (Practical/Numerical Subjects)	Assignments/Presentations Etc.	15 marks
Component 2 (CA-2)	Test/Quiz	10marks

#### b) Details of Semester End Examination

75% of the total marks per course. Duration of examination will be two and half hours

Q. No.	Description	Marks	Total Marks
<b>Q1.</b>	<b>Answer any 2 from the following</b> (Module I) a. b. c.		16
<b>Q2.</b>	<b>Answer any 2 from the following:</b> (Module II) a. b. c.		16
<b>Q3.</b>	<b>Answer any 2 from the following:</b> (Module III) a. b. c.		16

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<b>Q4.</b>	<b>Answer any 2 from the following:</b> (Module IV) a. b. c.		16
<b>Q5.</b>	Case Study/Application based Questions : (Module I to IV)		11
<b>TOTAL MARKS</b>			<b>75</b>