

<b>Programme: Master of Arts</b>			<b>Semester: I</b>		
<b>Course: Research Methodology for Behavioural Science</b>			<b>Code: PGMAIRM24</b>		
<b>Academic Year: 2024-2025</b>			<b>Batch: 2024-2026</b>		
<b>Teaching Scheme</b>			<b>Evaluation Scheme</b>		
<b>Lectures</b>	<b>Practical</b>	<b>Tutorials</b>	<b>Credits</b>	<b>Internal Continuous Assessment (ICA) (weightage)</b>	<b>Term End Examinations (TEE) (weightage)</b>
<b>60</b>	<b>0</b>	<b>0</b>	4	40	60
<b>Particulars</b>				<b>Marks</b>	
Class tests				20	
Viva-Voce				10	
Project				10	

<b>Learning Objectives:</b>	<ol style="list-style-type: none"> <li>1. Demonstrate a critical understanding of the fundamental principles and practices of research in psychology.</li> <li>2. Develop proficiency in planning, executing, and reporting research projects in psychology.</li> </ol>
<b>Learning Outcomes:</b>	<ol style="list-style-type: none"> <li>1. Understand and explain the meaning of research, various research designs, sampling, and data collection methods articulate its aims and objectives, and describe its key characteristics.</li> <li>2. Given research objectives, select and justify the use of appropriate, experimental, and non-experimental quantitative research methods.</li> </ol>
<b>Pedagogy:</b>	<p>Interactive lectures PowerPoint presentations Observation and Analysis Case studies</p>

<b>Module</b>	<b>Module Content</b>	<b>Module Wise Pedagogy Used</b>	<b>Module Wise Duration</b>
I	<b>Introduction to research:</b> <ol style="list-style-type: none"> <li>a. Research – Meaning, aims, objectives, characteristics</li> <li>b. Basic Concepts: Types of variables, problems and hypothesis</li> <li>c. Ethical standards of psychological research, planning, conduction and reporting research</li> <li>d. Proposing and reporting research</li> </ol>	<p>Interactive lectures PowerPoint presentations Observation and Analysis Case studies</p>	15
II	<b>Research Settings &amp; Data Collection Methods:</b> <ol style="list-style-type: none"> <li>a. Experimental research settings</li> <li>b. Non-experimental quantitative research</li> <li>c. Collecting data using primary sources</li> <li>d. Collecting data using secondary sources</li> </ol>	<p>Interactive lectures PowerPoint presentations Observation</p>	15

		and Analysis Case studies	
III	<b>Research Validity and Sampling:</b> <ol style="list-style-type: none"> <li>a. How to ensure research validity</li> <li>b. Elements and basic principles of sampling</li> <li>c. Nature and types of probability sampling and non-probability sampling</li> <li>d. Sources of errors/biases in sampling</li> </ol>	Interactive lectures PowerPoint presentations Observation and Analysis Case studies	15
IV	<b>Quantitative Research Design:</b> <ol style="list-style-type: none"> <li>a. Experimental design</li> <li>b. Quasi-experimental research design</li> <li>c. Survey Research Design</li> </ol>	Interactive lectures PowerPoint presentations Observation and Analysis Case studies	15

## REFERENCE BOOKS

American Psychological Association. Publication Manual of the American Psychological Association, Latest Edition. APA.

Christensen, L. B., Johnson, B., Turner, L. A. (2021). Research methods, design, and analysis (13th ed) Pearson publication

Elmes, D. G. (2011). Research Methods in Psychology. Wadsworth Publishing; 9 ed.

Forrester, M. A. (2010). Doing Qualitative Research in Psychology: A Practical Guide. Sage.

Goodwin, J. (2009). Research in Psychology: Methods in Design. Wiley (6th edition).

Kumar, R (2011). Research Methodology- a step by step guide for beginners (3rd ed) Sage publications

McBurney, D. H., White, T.L (2013). Research methods. (8th Ed.). Wadsworth Publishing.

Neumen, L. W. (1997). Social research methods - Qualitative and quantitative approaches. 3rd edition. Allyn and Bacon.

Shaughnessy, J. J., Zechmeister, E. B. & Zechmeister, J. (2012). Research methods in psychology. (Ninth Ed.). NY: McGraw Hill.

Singh, A.K. (2006). 5th ed. Tests, Measurement and Research Methods in Behavioural Sciences. Patna: Bharati Bhavan.

Tabachnick, B.G. and Fidell, L. J. (2012). Using Multivariable statistics (6th ed).

**QUESTION PAPER PATTERN**  
**(60 marks)**

**Q1. Answer any one (15 marks)**

**A. Unit one**

**Or**

**B. Unit one**

**Q2. Answer any one (15 marks)**

**A. Unit two**

**Or**

**B. Unit two**

**Q3. Answer any one (15 marks)**

**A. Unit Three**

**Or**

**B. Unit Three**

**Q4. Answer any one (15 marks)**

**A. Unit Four**

**Or**

**B. Unit Four**