



**Course Title: Research Methodology in Arts, Humanities, Journalism and Communication & Social Sciences**

**Course Code: PSYC905**

**Credit Units: 4**

**Course Level: Ph.D**

L	T	P/S	SW/F W	TOTAL CREDIT UNITS
4	0	0	0	4

**Course Objectives:**

- To introduce the principles of Research Methodology.
- To discuss in-detail the sampling, data collection, analysis of data and report writing
- To equip students with skills of various methods and techniques for scientific conduct of social science research

**Pre-requisites:** Nil

**Course Contents/Syllabus:**

	Weightage (%)
<b>Module I : Introduction</b>	
<b>Descriptors/Topics</b> <ul style="list-style-type: none"><li>• Meaning &amp; Features of research</li><li>• Defining Research Problems</li></ul>	16
<b>Module II: Research Problem and Hypothesis</b>	
<b>Descriptors/Topics</b> <ul style="list-style-type: none"><li>• Definition of Problems, Hypotheses</li><li>• Generality and Specificity of Problems and Hypotheses</li><li>• Virtues of Problems and Hypotheses</li><li>• The Multivariate nature of Behavioural research and problems</li><li>• Specials power of Hypotheses, study suggestions</li></ul>	20
<b>Module III: Research Design</b>	
<b>Descriptors/Topics</b> <ul style="list-style-type: none"><li>• Meaning of Research Design</li><li>• Types of Research Design</li></ul>	16

<ul style="list-style-type: none"> <li>• Research Design and Application – Randomized Groups, Correlated Groups</li> </ul>	
<b>Module IV: Factor Analysis</b>	
<b>Descriptors/Topics</b> <ul style="list-style-type: none"> <li>• Introduction</li> <li>• Factor Matrices and Factor Loadings</li> <li>• Methods of Factor analysis</li> <li>• Second Order Factor Analysis</li> </ul>	<b>18</b>
<b>Module V: Qualitative Methods in Research</b>	
<b>Descriptors/Topics</b> <ul style="list-style-type: none"> <li>• Grounded Theory</li> <li>• Narrative Analysis</li> <li>• Thematic Analysis</li> <li>• Content Analysis</li> <li>• Participant Observation</li> <li>• Interview</li> <li>• Case Studies</li> </ul>	<b>12</b>
<b>Module VI: Characteristics and Construction of Tests</b>	
<b>Descriptors/Topics</b> <ul style="list-style-type: none"> <li>• Item Development</li> <li>• Item Analysis</li> <li>• Reliability</li> <li>• Validity</li> <li>• Standardization &amp; Adaptation of Test &amp; Scales</li> </ul>	<b>12</b>
<b>Module VII: Ethics in Research</b>	
<b>Descriptors/Topics</b> <ul style="list-style-type: none"> <li>• Intellectual Property Rights</li> <li>• Plagiarism &amp; Academic Honesty</li> </ul>	<b>6</b>

**Student Learning Outcomes:**

- Applications of research methods, designs and analysis.
- Acquire higher order concepts in research and tool construction.
- Acquire skills for Case studies, Report writing, Test Construction techniques
- Equip students to conduct qualitative & quantitative research

**Pedagogy for Course Delivery:**

The class will be taught using theory and discussion method. In addition to assigning the research papers to be reviewed to understand the application of Research methodology, the course instructor will also discuss projects so as to give a better insight. The instructor will cover the ways innovative & current strategies to conduct and analyze research.

**Assessment/ Examination Scheme:**

Theory L/T (%)	Lab/Practical/Studio (%)	End Term Examination
30	NA	70

**Theory Assessment (L&T):**

Continuous Assessment/Internal Assessment					End Term Examination
Components (Drop down)	Class Test	Home Assignment (Research Project)	Presentation	Attendance	
Weightage (%)	10	10	5	5	70

**Text & References:**

1. Kerlinger F.N., (2004), Foundations of Behavioural Research, 8<sup>th</sup> print
2. Anastasi. A & Urbiana, S. (1997) Psychological Testing; Prentice Hall, NJ
3. Broota, K.D. (1992), Experimental Design in Behavioural Research; Wiley Eastern, New Delhi.
4. Edward. A.L. (1976) Experimental Design in Psychological Research; Holt, N.Y
5. Nunnally, I.C. (1967) Psychometric Theory; McGraw – Hill, , NY
6. Whitely Jr. B.E. (1997) Principles of Research in Behavioural Science; Mayfield, London & Toronto