



# Symbiosis College of Arts and Commerce

(An Autonomous College Affiliated to University of Pune)

Subject code	Semester	I	II	III	IV	V	VI	M.Com.	I	II	III	IV
Title of Subject (For F.Y. as appeared in the prospectus) (For S.Y. & T.Y. titles can be as per the approval of BOS)		<b>Research Methodology</b>										
Objectives	<ol style="list-style-type: none"> <li>1. To help the students generate ideas for research, as well as develop hypotheses and operational definitions for variables.</li> <li>2. To help students understand the basic steps in scientific research.</li> <li>3. To equip the students with the basic information and knowledge about test administration and scoring, and interpretation of the obtained results.</li> <li>4. To develop the spirit of scientific inquiry in the students.</li> <li>5. To help the students understand the basic steps in psychological testing and scoring, and interpretation of the obtained results.</li> <li>6. To help students relate to the practical implications of the concepts and theories.</li> </ol>											
Unit	Contents of the syllabus											Number of Lectures
1	<p><b>Title of the topic : SCIENTIFIC RESEARCH</b></p> <p>Contents :</p> <ol style="list-style-type: none"> <li>1.1. Developing ideas for research:               <ol style="list-style-type: none"> <li>1.1.1 Cultural context,</li> <li>1.1.2 Personal experience,</li> <li>1.1.3 Literature: Theory and Research Review</li> <li>1.1.4 Internet.</li> </ol> </li> <li>1.2. Characteristics of the scientific method</li> <li>1.3. Goals of research</li> <li>1.4. Types of scientific research:               <ol style="list-style-type: none"> <li>1.4.1. Pure vs. applied,</li> <li>1.4.2. descriptive vs. analytical,</li> <li>1.4.3. quantitative vs. qualitative,</li> <li>1.4.4. conceptual vs. empirical</li> </ol> </li> <li>1.5. Research approaches: Experimental, inferential, and simulation.</li> </ol>											14
2	<p><b>Title of the topic : VARIABLES, CONSTRUCTS, RESEARCH PROBLEM AND HYPOTHESIS</b></p> <p>Contents :</p> <ol style="list-style-type: none"> <li>2.1. Variables: Meaning, types.</li> <li>2.2. Construct vs. concept</li> <li>2.3. Operational and constitutive definition of variables</li> <li>2.4. Research Problem:               <ol style="list-style-type: none"> <li>2.4.1. Sources and types.</li> <li>2.4.2. Criteria of a good problem</li> </ol> </li> <li>2.5. Hypothesis: Meaning, types, and criteria.</li> </ol>											14
3	<p><b>Title of the topic : SAMPLING TECHNIQUES &amp; RESEARCH DESIGNS</b></p> <ol style="list-style-type: none"> <li>3.1. Basic concepts: Universe, sample and sampling</li> <li>3.2. Sampling methods: Requisites and advantages</li> <li>3.3. Types of probability &amp; non-probability sampling</li> <li>3.4. Sampling: Distribution and error</li> <li>3.5. Introduction to research designs</li> </ol>											12

4	<p><b>Title of the topic : Doing Qualitative Research</b></p> <p>Contents :</p> <p>4.1. Conceptual Foundations of qualitative Psychology</p> <p>4.2. Qualitative Research Design</p> <p>4.3. Introduction to Methods</p> <p>4.3.1. Grounded Theory</p> <p>4.3.2 Interpretive Phenomenology</p> <p>4.3.3 Case Study</p> <p>4.3.4 Discursive Psychology</p> <p>4.4. Quality in qualitative Research</p>	14
Total Number of Lectures		54
<p><b>Suggested Reference Books:</b></p> <ol style="list-style-type: none"> <li>1. Zachmeister, J.E., Zachmeister, E.B., and Shaughnessy, J.J. (2009). <i>Essentials of research methods in psychology</i>. N.D.: Tata McGraw-Hill.</li> <li>2. Mishra, B.K. (2008). <i>Psychology: The study of human behavior</i>. N.D.: PHI Learning.</li> <li>3. Singh, A.K. (2006). <i>Tests, Measurements and research methods in behavioural sciences</i>. Patna: Bharati Bhavan.</li> <li>4. Kerlinger, F.N. (1995). <i>Foundations of behavioral research</i>. New York: Rinehart Winston. Inc. Surjeet Publications.</li> <li>5. McBurney, D.H. and White, T.L. (2007). <i>Research methods</i>. US: Cengage</li> <li>6. Kothari, C.R. (reprint 2009). <i>Research methodology: Methods and techniques</i>. New Delhi: Wiley Eastn Ltd.</li> <li>7. Chadha N.K.(2009), <i>Applied Psychometry</i>, Sage Publication Pvt Ltd. New Delhi.</li> <li>8. Smith J.A.(2007), <i>Qualitative Psychology: A Practical Guide to Research Methods</i>, Sage Publication Pvt Ltd. New Delhi.</li> <li>9. Willig C. (2001), <i>Introducing Qualitative Research in Psychology: Adventures in theory and method</i>, Open University Press, Great Britain.</li> </ol>		
<p><b>Suggested Journals</b></p> <ol style="list-style-type: none"> <li>1. Psychological studies</li> <li>2. Journal of Applied psychology</li> </ol>		
<p><b>Web sites :</b></p> <ol style="list-style-type: none"> <li>1. Jstor.com</li> <li>2. science direct.com</li> </ol>		

Research methodology consists of quantitative as well as qualitative research methods which are both integral parts of the discipline. The recent research trends point in the direction of mixed methodology which uses both of the above research methods as complementing each other to form a holistic research approach. Students who are initiated into research, especially in the field of Psychology, need to be exposed to both of these types and introduced to the different contexts in which each of the type is relevant and prescribed. After all, Psychology, by definition, is an art and a science. This makes it important to include an introduction to qualitative research and an orientation of mixed methodology in the syllabus of Research Methodology.