



# RKDF UNIVERSITY, BHOPAL

**Bachelor of Arts (B.A.)**

**Seventh Semester**

**(Common for All)**

Course	Category	Subject Title	Course Code
B.A.	Minor	Research Methodology	BA-RM- 703
<b>Total Credit: 4</b>		<b>Max.Marks:100 (Internal:40+External:60)</b>	

## Course Learning Outcomes (CLO):

1. Understand various kinds of research, objectives of doing research, research process, research designs and sampling.
2. Identify and discuss the issues and concepts salient to the research process
3. Recognize the complex issues inherent in selecting a research problem, selecting an appropriate research design, and implementing a research project.
4. Understand the concepts and procedures of sampling and data collection.
5. Aware of hypothesis testing procedures.

Units	Topics	Duration (In Hours)
<b>I</b>	<b>Introduction of Research Methodology:</b> Meaning of research, Objectives of research, Motivation in research, Types of research, Research approaches, Significance of research, Research and scientific method, Research process, Criteria of good research, Problems faced by researchers	10
<b>II</b>	<b>Identification and Formulation of Research Problem:</b> Definition, Objectives of research problem, Selection of problem, Identification of problem, Necessity and techniques of defining research problem, Formulation of research problem, Experimental research design	15
<b>III</b>	<b>Review of Literature:</b> Searching for the existing literature, Need and significance, Reviewing the selected literature, Developing a theoretical framework, Developing a Conceptual framework, Writing about the literature	10

	reviewed.	
<b>IV</b>	<p><b>Research and Sampling Design:</b>  Research Design:  Meaning, Need and features of good research design, Important concepts relating to research design, Types of research designs, Basic principles of experimental designs, Developing a research plan.</p> <p><b>Sampling Design:</b>  Implications of a sample design, Steps in sampling design, Criteria of Selecting a Sampling Procedure, Characteristics of ideal sample design, Different types of Sample Designs, Selection of random sample, Random sample from an infinite Universe, Complex random sampling designs, Sampling V/s non-sampling error.</p>	10
<b>V</b>	<p><b>Testing of Hypotheses and Analysis of Data:</b>  Introduction to hypothesis, Basic concepts concerning testing of hypotheses, Procedure for hypothesis testing, Flow diagram for hypothesis testing, Measuring the power of a hypothesis test, Tests of hypotheses, Important parametric tests, Univariate and bivariate analysis of data, Analysis of variance, Parametric and non-parametric test.</p>	15

**PART-C: Learning Resources**

**Suggested Readings:**

1. C.R. Kothari: Research Methodology (Methods and Techniques), New Age International Publishers, 2010.
2. V. P. Saxena: Research Methodology: Indira publishing House, 2016.
3. महोदय शिखरी त्रिंथ अकादमी की पुस्तक ।

**Reference Books:**

1. Ranjit Kumar: Research Methodology, Sage Publications Pvt. Ltd, Fourth edition, 2014.
2. Uwe Flick: Introducing Research Methodology, Sage Publications India Private Limited, Second edition, 2017.
3. R. Panneerselvam: Research Methodology, PHI Learning Pvt. Ltd., 2014.
4. Dr.Priti R. Majhi, Dr.Prafull K.Khatua: Research methodology (Concepts, methods, Techniques & SPSS), Himalaya publishing house, 2013.
5. David DeMatteo, Geoffrey R. Marczyk, David Festinger: Essentials of Research Design & Methodology, Wiley Publication, 2005.