



ST. ALOYSIUS COLLEGE(AUTONOMOUS), JABALPUR

Reaccredited 'A+' Grade by NAAC(CGPA:3.68/4.00)

College with Potential for Excellence by UGC

DST-FIST Supported & STAR College Scheme by DBT

Faculty of Arts

SUBJECT: Economics

B.A. IV Year

Research Methodology (Theory)

Compulsory Paper Research Methodology

Course Outcomes

CO. No.	Course Outcomes	Cognitive Level
CO 1	Understand various kinds of research, objectives of doing research, research process, research design and sampling.	U and App
CO 2	Students will identify and formulate the research problem and apply the techniques of research design.	App
CO 3	Discuss the concept of Review of Literature and develop a theoretical framework.	App and An
CO 4	Recognize the complex issues inherent in selecting a research problem, selecting an appropriate research design, and implementing a research project.	App and An
CO 5	Understand the concept of hypothesis testing and apply the various parametric and non- parametric tests of hypothesis.	App, An and Ev

Credit and Marking Scheme

	Credits	Marks		Total Marks
		Internal	External	
Theory	4	30	70	100
Practical	-	-	-	-
Total	4			

Evaluation Scheme

	Marks	
	Internal	External
Theory	4 Internal Exams of 10 Marks (During the Semester) (Best 3 will be taken)	1 External Exams (At the End of Semester)



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Content of the Course

No. of Lectures (in hours per week): 3 Hrs. per week

Total No. of Lectures: 60 Hrs.

Maximum Marks: 70

Units	Topics	No. of Lectures
I	Introduction of Research Methodology: Meaning of Research, objective of Research, Motivation in research Types of Research, Research approaches, Significance of Research, Research and scientific Methods, Research Process, Criteria of good research, Problems Faced by Researches.	12
II	Identification and Formulation of Research Problems: Definition, Objectives of Research Problems Selection of problem, Identification of problems, necessity and techniques of defining research problem, Formulation of Research Problem, Experimental Research Design	12
III	Review of Literature: Searching for the existing literature, Need and significance, Reviewing the selected literature, Developing a theoretical framework, Developing a conceptual framework, Writing about the literature reviewed.	12
IV	Research and Sampling Design: <i>Research Design:</i> Meaning, Need and features of good research design, Important concepts relating to research design, Types of research design, Basic principles of experimental design, Developing a research plan. <i>Sampling Design:</i> Implication of a sample design, Steps in sampling design, Criteria of Selected 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.	12
V	Testing of Hypotheses and Analysis of Data: 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, Test of hypotheses, important parametric test, Uni-variate and bivariate analysis of data, Analysis of variance, parametric and non- parametric test	12



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Suggested Readings:

1. .C.R Kothari:Research Mehthodology(Methods and Techniques), New Age International Publishers,2010.
2. V.P Saxena; Research Methodology: Indra Publication Hpose,2016
3. मध्यप्रदेश हिंदी ग्रन्थ अकादमिक पुस्तके

Reference Books:

1. Ranjit Kumar: Research Methodology, Sage Publication Pvt. Ltd, Fourth Edition,2014
2. Uwe Flick: Introducing Research Methodology, Sage publicationPVT. Limited fourth Edition, second edition 2017P.
3. Panneerselvam : Research Methodology, PHI Learning Pvt. Ltd. 2014
4. Dr. Priti R. Majhi, Dr Praful K. Khatua: Research Methodology, (Methodology concept methods Techniques & spss)Himalya Publication
5. David Dematto, Geoffrey R.Khatua:R.Marczyk, David Festinger: Essential of Research Design & Methodology, Wiley Publication, 2005
6. Kumar: Research Methodology, Pearson, 2005