



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 Techniques in Economics

Course Outcomes

CO. No.	Course Outcomes	Cognitive Level
CO 1	Students will acquire a solid understanding of research fundamentals, theory, and its application in Economics	U and App
CO 2	Students will develop skill in formulating research problems and constructing research design	App and create
CO 3	Enabling students to understand the construction of effective questionnaires and employing diverse data collection and sampling methods.	U and An
CO 4	Students will successfully understand gain proficiency in data analysis techniques, utilizing regression, drawing inference and reporting findings	App and An
CO 5	Students will acquire practical knowledge of computer applications including EXCEL, for statistical analysis and presentation of economic data.	App and An

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: 45 Hrs.

Maximum Marks: 70

Units	Topics	No. of Lectures
I	Introduction to Economic Research: 1. Research - Meaning, Definition, Purpose, Relation between Theory and Research 2. Types of Research- Scientific Vs. Social Research, Pure and Applied Research 3. Special Feature of Economics Research- Different Approaches in Economic Research, Importance of Academic Research in Economics, Positive Science, and Normative science.	12
II	Formulation of Research Problem and Design: 1. Formulation of Research Problem- Null and Alternative Hypothesis 2. Research Design- Exploratory, Diagnostic and Experimental Studies 3. Research Methods in Economics- Deductive and Inductive Methods, Static and Dynamic Methods, Historical and Dialectical Methods, Case Study Method	12
III	Data Collection Techniques: 1. Source of Data- Primary and Secondary Data, Time Series and Cross-Sectional Data, Pooled Data and Panel Data and Categorical Data 2. Sample Survey Methods- Observation, Interview, Questionnaire, Construction of Questionnaire	12
IV	Sampling Methods and Data Analysis: 1. Sampling Methods- Random Stratified Multistage, Systematic, Cluster, Quota and Judgment Samples 2. Data Analysis Techniques- Simple and Multiple Regression, Drawing Inference from Analysis Scaling- Problems and Techniques, Report writing Procedures	12
V	Computer Applications in Economics Research: 1. Estimation of Descriptive Statistics, Mean, Median, Mode, Standard Deviation, Coefficient of Variation. 2. Presentation of Graphs- Line, Subdivided, Multiple, Pie Graphs 3. Estimation of Growth Rates and Trend Equations, Introduction to Regression Equations Computer Applications- Introduction to EXCEL	12



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Suggested Readings:

1. Good, C and Hatt, P.(date):” Methods in Social Research,” McGraw Hill.
2. Panel, P(date): “Social Research Methods,” Prentice Hall
3. Oliver, P.(date) “Writing your thesis,” Vistaar Publication, New Delhi.
4. Panneerselvam, R(date): “Research Methods for Business,” PHI, New Delhi.
5. Cooper, D and Schindler, P.S(2009): “Business Research Methods,” 9th edition, Tata McGraw
6. Sekaran, U. (2010): “Research Methods for Business,” 4th edition, Wiley.
7. Kumar, R. (2009) “Research Methodology,” 2nd edition, Pearson Education.
8. Malhotra, N. and Dash, S.(2009): “Marketing Research,”5th edition, Pearson Prentice Hall.
9. Michael, V.P: “Research Methodology”
10. Kerlinger, F.N “Foundations of Behavioral Research.”
11. Premi, G.S: “Shodh Pravidhi (Anusandhan): ResearchMethodology,”Ppaerback,2019, Sahitya Sarowar
12. त्रिवेदी आर एन एवं शुक्ल डी.पी, रिसर्च विधि कॉलेज डिपो , जयपुर