

ST. MIRA' S COLLEGE FOR GIRLS, PUNE
(Autonomous - Affiliated to Savitribai Phule Pune University)

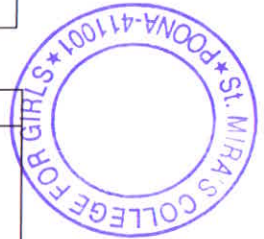
CLASS: SYBA
SUBJECT: BASIC RESEARCH SKILLS FOR ECONOMICS
TITLE: INTRODUCTION TO RESEARCH IN ECONOMICS
SKILL ENHANCEMENT COURSE

Semester: III	Subject Code: EC32120	Lectures: 30	Credits: 2
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Course Outcomes:

At the end of the course, the learner will be able to:

- Classify the types of research
- Identify research questions in economics
- Demonstrate the use of appropriate research design
- Construct research hypothesis in accordance with the research question
- Identify the purpose and style of review of literature
- Assemble existing Literature and examine possibilities for future research



Sr. No.	Unit	Pedagogy	Evaluation & Assessment	Skills to be imparted
1	1. Introduction to Research in Economics 1.1 Meaning 1.2 Types of Research –	Classroom Lectures Discussions Illustrations/Examples	MCQ Testing Presentations- PPTs/Posters	Skill-based assignment

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	Scientific and Social Research; Theoretical Research and Applied Research; Exploratory Research and Descriptive Research; Quantitative Research and Qualitative Research 1.3 Significance and Objectives of Economic Research	Audio-visual aids	Library work	
2	2. Research Design 2.1 Meaning and Need of Research Design 2.2 Types of Research Design - Exploratory Design; Descriptive Design; Experimental Design and Case Study 2.3 Characteristics of Ideal Research Design	Classroom Lectures Discussions Audio-visual aids Library Work	Assignment – Creating a research design Library work	<ul style="list-style-type: none"> Analytical Skills Evaluation Skill
3	3. Research Problem, Hypothesis Formulation and Review of Literature 3.1 Research Problem– Meaning and Formulation 3.2 Hypothesis- Meaning and Types 3.3 Steps to Hypothesis Formulation 3.4 Review of Literature - Meaning and Purpose 3.5 Writing Literature Review	Classroom Lectures Discussions Audio-visual aids Library Work	Practical Exercises on – <ul style="list-style-type: none"> Explore a research problem Formulate Hypothesis Exercise – <ul style="list-style-type: none"> Mini-Paper on Review of Literature on subject of Choice 	<ul style="list-style-type: none"> Research Skills Writing Skills Literature Review Skills



References:

- Bethlehem, J. (2009), “*Applied Survey Methods: A Statistical Perspective*”, Wiley.
- C.R. Kothari (2004), “*Research Methodology – Methods and Techniques*”, 2nd revised edition, New Age International Publications; N. Delhi.
- Cochran, William, G. (2008), “*Sampling Techniques*”, Third Edition, WileyIndia, ISBN 978 -81-265-1524-0. Reprint: 2008.
- D.C. Sancheti & V.K. Kapoor (2009), “*Statistics: Theory, Method and Applications*”; S. Chand, Publications; N. Delhi, seventh revised edition.
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- M.R. Spiegel (2003), “*Theory and Problems of Probability and Statistics*” (Schaum Series).
- Manas Dasgupta (2007), “*Research Methodology in Economics: Problems and Issues*”, Deep and Deep Publications
- P.H. Karmel and M. Polasek (1978), “*Applied Statistics for Economists*”, 4th edition, Pitman.
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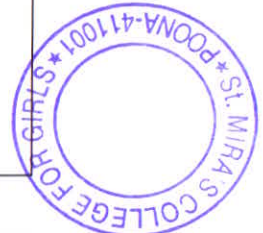


Board of Studies	Name	Signature
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CLASS: SYBA
SUBJECT: BASIC DATA SKILLS FOR ECONOMICS
TITLE: INTRODUCTION TO DATA ANALYSIS IN ECONOMICS
SKILL ENHANCEMENT COURSE

Semester: IV	Subject Code: EC42120	Lectures: 30	Credits:2
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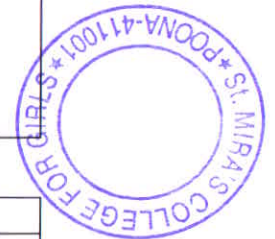
<p>Course Outcomes:</p> <p>At the end of the course, the learner will be able to:</p> <ul style="list-style-type: none"> • Identify and apply the types of data and sources of data • Demonstrate the use of appropriate data collection technique • Examine research problem and design questionnaire • Demonstrate the skill of coding, tabulation and analysis • Illustrate appropriate data visualization methods • Use appropriate method of Referencing
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Sr. No.	Unit	Pedagogy	Evaluation & Assessment	Skills to be imparted
1	1. Data Collection 1.1 Meaning and Types of Data- primary, secondary, quantitative, qualitative data 1.2 Methods to collect Primary Data <ul style="list-style-type: none"> • Observation • Questionnaire • Interview 	Classroom Lectures Discussions Audio-visual aids	MCQ Testing Practical exercises	<ul style="list-style-type: none"> • Research Skill • Coding & Tabulation Skills • Research Design Skills – Questionnaire; Interview; Schedule; Case Study (any one)

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	<ul style="list-style-type: none"> Schedule Case Study <p>1.3 Sources and Significance of Primary and Secondary Data</p>			
2	<p>2. Data Analysis</p> <p>2.1 Importance of Data Analysis</p> <p>2.2 Data Analysis Techniques -</p> <ul style="list-style-type: none"> Coding Tabulation Data Visualization <p>2.3 Excel for Data Analysis</p>	<p>Classroom Lectures</p> <p>Discussions</p> <p>Audio-visual aids</p>	<p>Practical Exercises</p>	<ul style="list-style-type: none"> Coding Tabulation Data presentation using excel
3	<p>3 Referencing</p> <p>3.1 Meaning and Importance of Referencing</p> <p>3.2 Concept – Bibliography; APA and MLA styles</p> <p>3.3 Referencing and Bibliography</p> <p>3.4 Plagiarism and Research Ethics</p>	<p>Classroom Lectures</p> <p>Discussions</p> <p>Audio-visual aids</p>	<p>Practical Exercises</p>	<ul style="list-style-type: none"> Research Ethics

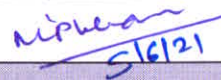

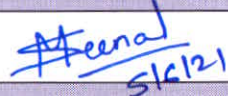
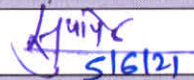



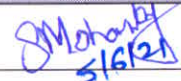


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Faculty	Dr. Meenal Sumant		
Subject Expert (Outside SPPU)	Dr. Subhash Patil		
Subject Expert (Outside SPPU)	Dr. Manjushri Bobade		
VC Nominee	Dr. Saili Belsare		
Industry Expert	Dr. Girija Lagad		
Alumni	Mrs. Suchismita Mohanty		



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