

Course-Research Methodology
Research Methodology

Semester I	Credits: 4	Subject Code: ARMECO123505	Lectures : 60
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Course Objectives:

At the end of the course, the Learner will be able to

- CO1- Recognize the broad elements of research process in Economics
- CO 2- Review and demonstrate various stages of research in the field of Economics
- CO 3- Describe methodology for data collection and data classification
- CO 4- Outline various techniques of data analysis and report writing
- CO 5- Identify and apply the principles of ethics in research.
- CO 6- Formulate a research proposal

Unit 1: Introduction To Research	15
<ul style="list-style-type: none"> ● Research: Definition and Meaning, Characteristics ● Features of Good Research & Characteristics of Research Questions ● Types of Research ● Research in Economics- Meaning, Scope and Limitations ● Writing a Research Proposal ● Ethics in Research 	

Unit 2: Stages of Research	15
<ul style="list-style-type: none"> ● Research Design- Definition & Classification, Steps and Phases in Research Design ● E-Research: Design, sampling, Access & Precautions ● Review of Literature-Need, Search Procedure and Sources; References & Citations ● Research Problem- Formulating The Research Problem; Types of Research Problem ● Hypotheses- Definition & Types; Formulation of the Hypothesis 	

Unit 3: Data Collection & Classification	15
<ul style="list-style-type: none"> ● Methods of Data Collection - Primary data- Sources & Methods, Secondary data- Sources & Methods ● Sampling: Concept of Sampling ● Types of Sampling Methods ● Data Classification 	

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Unit 4: Data Analysis & Report Writing

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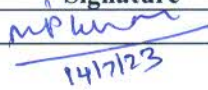
- Measurement Techniques: Types of Scales
- Data Analysis- Types of Analysis-Univariate, Bivariate and Multivariate
- Hypothesis Testing
- Research Report- Types of Reports, Planning & Layout

Recommended Text Books

- Ahuja Ram (2001), "*Research Methods*", Rawat Publications, Jaipur
- Flick Uwe (2011) '*Introducing Research Methodology*' Sage Publications
- Kothari C. R, Gaurau Garg (2019) '*Research Methodology, Methods and Techniques*', New Age International Publications, 4th Edition
- Kumar Ranjit, (2012), "*Research Methodology*" 2nd Ed, Pearson Education
- Salkind Neil J. (2018) "*Exploring Research*" Pearson
- Wilkinson and Bhandarkar (2016) '*Methodology and Techniques of Social Science Research*'; HPH
- Willson Jonathan (2017) '*Essentials of Business Research: A Guide to Doing Your Research Project*' Sage Publications

Recommended Books

- Bajpai Naval, (2011) "*Business Research Methods*", Pearson Education.
- Basotia G.R. Sharma K.K. (1999) '*Research Methodology*' Mangal Deep Publications
- Bhandarkar P.L, Wilkinson T.S, (2010). "*Methodology and Techniques of Social Research*" 23rd Ed, Mumbai, Himalaya Publishing House
- Don E. Ehridge (2004) '*Research Methodology in Applied Economics: Organizing Planning and Conducting Economics Research*', John Wiley and Sons
- Donald R. Cooper & Pamela S. Schindler (1999), "*Business Research Methods*", Tata McGraw-Hill Edition, New Delhi
- Gopal M.H. (1971) '*An Introduction to Research Procedure in Social Sciences*', Asia Publishing House
- Kothari S. R (2012) '*Research Methodology, Methods and Techniques*', Pragun Publications
- Krishnaswamy, O.R. (1993) '*Methodology of Research In Social Sciences*, HPH
- Kurein C. T. (1973) '*A Guide to Research in Economics*' Sangam Publishers for Madras Institute of Development Studies
- Sadhu AN, Amarjit Singh (2007) '*Research Methodology in Social Sciences*' HPH
- Sharma Kapil, (2011), "*Statistical Methods*", ABD Publishers, " 2nd Ed, Jaipur
- Thakur Devendra (2009) '*Research Methodology in Social Sciences*' Deep and Deep Publications

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Faculty	Dr. Meenal Sumant	<i>Meenal Sumant</i> 14/7/23
Subject Expert (Outside SPPU)	Dr. Saili Belsare	<i>Saili Belsare</i> 14/7/23
Subject Expert (Outside SPPU)	Dr. Subhash Patil	<i>Subhash Patil</i> 14/7/23
VC Nominee (SPPU)	Dr. Mahendra Agale	<i>Mahendra Agale</i> 14/7/23
Industry Expert	Ms. Gauri Kulkarni	<i>Gauri Kulkarni</i> 14/7/23
Alumni	Ms. Aishwarya Rathore	<i>Aishwarya Rathore</i>



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