

**SEMESTER - V**

Title of the Subject	Subject Code	Credits
Theory for Research Analysis	19UBMAE01	4

**Unit - I**

Research – Meaning – Significance – Objectives – Types of Research – Steps in Research.

**Unit - II**

Research Problem – Definition – Nature – Formulation – Techniques of Defining the Problem – Research Design – Meaning – Needs – Types of Research Design – Variables – Dependent and Independent Variables – Extraneous Variables – Intervening Variable – Dichotomous Variable – Research Proposal and its Preparation – Research Hypothesis – Types of Hypotheses.

**Unit - III**

Sampling Design – Census and Sample Survey – Sample Frame – Sample Size – Methods of Sampling.

**Unit - IV**

Collection and Analysis of Data – Types of Data – Methods of Data Collection – Preparation of Questionnaire or Interview Schedule – Measurement and Scaling Techniques – Nominal Data – Interval Data, Ordinal Data – Ratio Data – Reliability Analysis and its Need – Analysis of Data – Contemporary data analysis methods

**Unit - V**

Research Reporting – Relevance – Characteristics of a Good Research Reports – Plagiarism, Organization of Research Report – Types, Structure and Components – Contents, Bibliography, Appendices, Style Manuals – APA Style, MLA Style.

**Reference Books**

1. Research Methodology – P.Ravilochanan, Margham Publications.
2. Research Methodology – C.R.Kothari
3. Krishnaswami OR, Methodology of Research for Social Science, Himalaya, Mumbai

**Question Pattern:**

	Total	To answer	Marks	Total marks
Section A	7	5	5	25
Section B	7	5	10	50