

Course Outcome

Course	Outcome
DESCRIPTIVE STATISTICS	Understand data related concepts
BASICS IN PROBABILITY THEORY AND APPLIED STATISTICS	Understand the basic concepts of probability , Index Numbers and Time Series
FUNDAMENTALS OF RANDOM VARIABLES PROBABILITY DISTRIBUTIONS	Understand the concepts of random variable, probability distribution and Correlation and regression Understand the detailed concepts of probability distributions
STATISTICAL ESTIMATION THEORY	Understand the concepts of sampling distributions and techniques of estimation of parameters
MATHEMATICAL METHODS FOR STATISTICS	Understand the real number system and its analysis.
SAMPLING TECHNIQUES AND INDIAN OFFICIAL STATISTICS	Understand sampling techniques Indian Statistical system.
ENVIRONMENTAL STUDIES, HUMAN RIGHTS AND VITAL STATISTICS	Understand the use and over-exploitation Natural Resources, concept of Human Rights and Vital Statistics
TESTING STATISTICAL HYPOTHESES	Understand the concepts of statistical hypotheses and their testing procedures in connection with real life situations.
ANALYTICAL TOOLS FOR STATISTICS	Understand the basic Operators in calculus of finite difference and analytical functions.
DESIGN AND ANALYSIS OF EXPERIMENTS	Understanding the basic concepts of linear models, ANOVA and experimental designs.
STATISTICAL COMPUTING USING R SOFTWARE	Understanding R programming their importance in Statistical analysis.
OPERATIONS RESEARCH	Understanding Linear Programming Problems, Transportations Problems, Assignment Problems and Network Analysis.