

Department of Statistics

Detail of course outcomes offered by the department

DESCRIPTIVE STATISTICS	F. Y. B. Sc.	COURSE OUTCOMES
Objectives: <ol style="list-style-type: none">1. The main objective of this course is to acquaint students with some basic concepts in Statistics.2. They will be introduced to some elementary statistical methods of analysis of data.3. At the end of this course students are expected to be able, Course outcomes <p>CO1. To compute various measures of central tendency, dispersion, skewness and kurtosis.</p> <p>CO2. To analyze data pertaining to attributes and to interpret the results.</p> <p>CO3. To compute the correlation coefficient for bivariate data and interpret it.</p> <p>CO4. To fit linear, quadratic and exponential curves to the bivariate data to investigate relation between two variables.</p> <p>CO5. To fit linear regression model to the bivariate data</p> <p>CO6. To compute and interpret various index numbers.</p>		

DISCRETE PROBABILITY AND PROBABILITY DISTRIBUTIONS	F. Y. B. SC.	COURSE OUTCOMES
<p>Objectives:</p> <ol style="list-style-type: none"> 1. The main objective of this course is to introduce to the students the basic concepts of probability, 2. Axiomatic theory of probability, 3. Concept of random variable 4. Probability distribution (univariate and bivariate) discrete random variables, 5. Expectation and moments of probability distribution. <p>Course outcomes</p> <p>CO1.To distinguishes between random and non-random experiments.</p> <p>CO2. To find the probabilities of events.</p> <p>CO3. To obtain a probability distribution of random variable (one or two dimensional) in the given situation, and</p> <p>CO4. To apply standard discrete probability distribution to different situations.</p>		

BUSINESS MATHEMATICS AND STATISTICS	F. Y. B. COM	COURSE OUTCOMES
<p>Objective of the Program</p> <ol style="list-style-type: none"> 1. To introduce the basic concepts in Finance and Business Mathematics and Statistics 2. To familiar the students with applications of Statistics and Mathematics in Business 3. To acquaint students with some basic concepts in Statistics. 4. To learn some elementary statistical methods for analysis of data. <p>Course outcomes</p> <p>CO1. The main outcome of this course is that the students are able to analyze the data by using some elementary statistical methods</p> <p>CO2. Students will be able to apply concepts of interests and annuities to calculate EMI, prepare amortization schedule, calculate insurance premiums etc</p> <p>CO3. Students will be able calculate dividend, brokerage on shares and mutual funds.</p> <p>CO4. Students will be able to able to identify the contribution of shares and mutual funds in systematic investment plans and to select best investment options.</p> <p>CO5. Students will be able to recognize and classify different types of data.</p> <p>CO6. Students will be able to take a sample of appropriate size using suitable method of sampling.</p> <p>CO7. Students will be able to calculate measures of central tendency and measures of dispersion.</p> <p>CO8. Students will be able to use appropriate measure of central tendency or measure of</p> <p>CO9. Dispersion for given data to given problems from business or economics.</p>		