Course Outcomes

F.Y.B.Sc. [Comp.Sci.]	
Course : (CSST-111) Descriptive Statistics Sem-I	
The student who successfully completes this course students will be able to:	
CO1:	Data Condensation & graphical presentation of frequency distribution.
CO2:	Understand descriptive statistics and their real life examples.
CO3:	They come to know the relation between raw & central moments.
CO4:	Concept of Symmetric frequency distribution.
Course : (CSST-121) Methods of Applied Statistics Sem-II	
The student who successfully completes this course students will be able to:	
CO1:	Students will summarize data visually and numerically.
CO2:	Students will build and assess data-based models
CO3:	Students will learn and apply the tools of formal inference.
Course : : (CSST-112) Mathematical Statistics Sem-I	
The student who successfully completes this course students will be able to:	
CO1:	Recognize the importance and value of mathematical and statistical thinking, training, and approach to problem solving.
CO2:	be familiar with a variety of examples where mathematics or statistics helps accurately explain abstract
CO3:	recognize and appreciate the connections between theory and applications
Course : (CSST-122) Continuous Probability distribution & Testing of Hypothesis Sem-II	
The student who successfully completes this course students will be able to:	
CO1:	How to apply discrete and continuous probability distributions to various problems.
CO2:	Perform Test of Hypothesis as well as calculate confidence interval for a population parameter for single sample and two sample cases.
CO3:	Understand the concept of p-values
CO4:	Learn non-parametric test such as the Chi-Square test for Independence as well as Goodness of Fit.
F.Y.B.Sc	
Course : (ST- 111) Descriptive Statistics-I Sem-I	
The student who successfully completes this course students will be able to:	
CO1:	. Indentify types of data & types of classification.
CO2:	Analyze statistical data graphically using frequency distributions and cumulative frequency distributions.
CO3:	Measures of skewness & kurtosis with its examples
Course : (ST-121) Descriptive Statistics-II Sem-II	
The student who successfully completes this course students will be able to:	
CO1:	Explore multiple representations of topics including graphical, symbolic, numerical, oral, and written
CO2:	Analyze the structure of real-world problems and plan solution strategies. Solve the problems using appropriate tools.
CO3:	Predict values of "y" using the simple linear regression model
CO4:	Explore multiple representations of topics including graphical, symbolic, numerical, oral, and written
Course : : (ST-112) Discrete Probability & Probability Distribution Sem-I	
The student who successfully completes this course students will be able to:	

CO1:	Providing students with a formal treatment of probability theory.
CO2:	Equipping students with essential tools for statistical analyses
CO3:	Understanding through real-world statistical applications.
Course : : (ST-122) Discrete Probability& Probability distribution Sem-II	
The student who successfully completes this course students will be able to:	
CO1:	Develop problem-solving techniques needed to accurately calculate probabilities
CO2:	Apply problem-solving techniques to solving real-world events.
CO3:	Apply selected probability distributions to solve problems.