

Course Outcome

Semester	Name of the course	Course code	Course outcome
I	Descriptive Statistics	ST 1131.1	<ul style="list-style-type: none"> ➤ This course introduces the basic concepts of statistics. ➤ It outlines the techniques to expose the students to many statistical ideas and rules that underline statistical reasoning ➤ To develop data reduction techniques in statistics ➤ To make the students explore with the fundamental principles of statistics
II	Probability and Random Variables	ST 1231.1	<ul style="list-style-type: none"> ➤ To get basic knowledge in probability theory ➤ To make the students familiar with different approaches of probability ➤ To get the idea of random variables and related probability functions ➤ To understand the bivariate random variables and associated problems
III	Statistical Distributions	ST1331.1	<ul style="list-style-type: none"> ➤ Acquaint the students familiar with standard probability distributions ➤ To make the students familiar with properties of probability distributions ➤ To understand the limit theorems and sampling distribution

			➤ Problem solving skill
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Complementary Statistics for Mathematics

IV	Statistical Inference	ST1431.1	<ul style="list-style-type: none"> ➤ Expected to learn the basics of estimation theory, use the statistical tables and judge the quality of estimators ➤ Make the student understands the statistical significance of testing of hypothesis ➤ Decision making skill ➤ Understands the concept of analysis of variance
	Practical using EXCEL	ST1432.1	<ul style="list-style-type: none"> ➤ To make the students familiar with the usage of statistical tools available in Excel ➤ Evaluation of numerical problems using excel functions ➤ Give hands on training in data analysis.