

Program outcome of F.Y.B Sc Statistics Semester wise

As per the syllabus prescribed by the University of Mumbai for the subject of Statistics at the first year Bachelor of Science course, the Paper I consists of Descriptive statistics and Paper II is Statistical methods.

Semester I

Paper I- Descriptive Statistics

This paper focuses on the fundamental concepts of Statistics . The students are introduced to importance of data collection, methods of collecting and compiling data. The further topics discuss the information that the data reveals, the most important four moments viz mean, variance, skewness and kurtosis. The study of measures of dispersion and central tendency has also been included .

Paper II- Statistical Methods

This paper emphasizes on the concept of Probability and its relative concepts. The discussion is extended to the study of discrete random variables and standard discrete distributions.

Semester II

Paper I- Descriptive Statistics

The topics of Economic statistics such as Correlation and Regression, Time series analysis and Index numbers have also been introduced. These enrich the students with the importance of economic statistics in day to day life.

Paper II- Statistical Methods

Here the continuous random variables have been discussed along with standard continuous distributions and applications of the same. The concept of Testing of Hypothesis , sampling distribution and large sample tests along with examples have been included.