

Relevant Course: All Engineering Departments

Relevant Department : Mathematics

Relevant Semester: 1st

Pre-requisite: Knowledge on Basic Calculus is Preferable

Course Description & Outline :

Random experiment, sample space, random events, axioms of probability, properties of probability, conditional probability, Bayes' Formula, random variables, cumulative distribution function, probability mass function, probability density function, standard distribution functions such as Binomial, Poisson, Geometric, Negative Binomial, Normal, uniform, exponential, gamma and Weibull.