

Course Outcomes (COs): Statistics	
B.Sc. Part II Semester III (Introduced in the year 2019-20)	
Probability Distributions & Statistical Methods-I (DSC - 1004 C)	
CO No.	On completion of the course, student will be able to:
CO1	Compute descriptive statistics, moments, skewness, kurtosis, m.g.f. and c.g.f for continuous univariate distributions.
CO2	Compute various statistical measures for continuous bivariate distributions.
CO3	Understand transformation of continuous univariate and bivariate random variable.
CO4	Understand various continuous probability distributions and their applications in different fields
CO5	Compute simple, weighted Index numbers and cost of living Index number.
CO6	Understand vital statistics and computation of vital events.
CO7	Distinguish between process and product control, plotting control charts for variable and attributes.
CO8	Learn applications of Chebychev's inequality in finding bounds for probabilities.
Semester IV	
Probability Distributions & Statistical Methods-II (DSC - 1004 D)	
CO No.	On completion of the course, student will be able to:
CO1	Understanding various continuous probability distributions and their applications in different fields.
CO2	Know the relation between various probability distributions.
CO3	Learn basics and data analysis using R- software.
CO4	Learn numerical methods.
CO5	Understand the basic concepts of reliability and ageing properties.
CO6	Understand the basic concepts of testing of hypothesis.
CO7	Distinguish between large and small sample tests.
CO8	Apply small and large sample tests for real life examples.

B.Com. Part II Business Statistics (Introduced in the year 2019-20)	
Semester III	
Business Statistics -Paper- I (CC - 1051 C)	
CO No.	On completion of the course, student will be able to:
CO1	Know Applications of Statistics in various fields, classify data and represent it graphically.
CO2	Understand concept of population, sample and different methods of sampling.
CO3	Learn different descriptive statistics.
CO4	Understand the concept of bivariate data & analyze data by using correlation and regression.
B.Com. Part II Business Statistics (Introduced in the year 2019-20)	
Semester IV	
Business Statistics -Paper- II (CC - 1051 D)	
CO1	Understand the concept of probability and probability distributions and applications of probability distributions in real life.
CO2	Measure trend and seasonal indices in Time series.
CO3	Compute simple and weighted Index numbers.
CO4	Distinguish between process and product control, plotting control charts for variable and attributes.



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