

Course Outcomes (COs): Statistics

B.Sc. Part I Statistics (Introduced in the year 2021-22)	
Semester I	
Part I: Descriptive Statistics - I (DSC - 1004 A)	
CO No.	On completion of the course, student will be able to:
CO1	Know scope of Statistics and sampling methods.
CO2	Compute descriptive statistics.
CO3	Compute moments, skewness, kurtosis and its interpretation.
CO4	Analyze data pertaining to attributes and interpret the results.
Part II: Elementary Probability Theory (DSC - 1004 A)	
CO No.	On completion of the course, student will be able to:
CO1	Distinguish between Deterministic and Non-deterministic experiments.
CO2	Understand the basic concepts of probabilities and learn theorems on probabilities
CO3	Understand concepts of conditional probabilities and independence of events.
CO4	Understand the concept of discrete random variable, probability distributions and mathematical expectations.
Semester II	
Part I: Descriptive Statistics II (DSC - 1004 B)	
CO No.	On completion of the course, student will be able to:
CO1	To compute correlation coefficient and its interpretation.
CO2	To compute regression coefficients and regression lines.
CO3	Understand the need of vital statistics and concepts of mortality and fertility.
CO4	Know the concept and use of time series.
Part II: Discrete Probability Distributions (DSC - 1004 B)	
CO No.	On completion of the course, student will be able to:
CO1	Apply some univariate standard discrete probability distributions to
CO2	Obtain mathematical expectation of different distributions.
CO3	To learn relation between different discrete distributions.
CO4	Concept of bivariate random variable, probability distributions.




HEAD
 DEPARTMENT OF STATISTICS
 VIVEKANAND COLLEGE, KOLHAPUR
 (AUTONOMOUS)