

Course Outcomes (COs) : Statistics

| B.Sc. Part I Statistics (Introduced in the year 2018-19) | |
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| Semester I | |
| Descriptive Statistics - I & Elementary Probability Theory (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 |
| CO5 | Distinguish between Deterministic and Non-deterministic experiments. |
| CO6 | Understand the basic concepts of probabilities and theorems on probabilities |
| CO7 | Understand concepts of probabilities and independence of events. |
| CO8 | Understand the concept of discrete random variable, probability distributions and mathematical expectations. |
| Semester II | |
| Descriptive Statistics II & Discrete Probability Distributions (DSC - 1004 B) | |
| CO No. | On completion of the course, student will be able to: |
| CO1 | Understand concept of bivariate data and its analysis. |
| CO2 | Understand concept of multiple regression coefficients and its interpretation. |
| CO3 | Understand and interpret multiple and partial correlation. |
| CO4 | Know the concept and use of time series. |
| CO5 | Apply some univariate standard discrete probability distributions to different situations. |
| CO6 | Obtain mathematical expectation of different distributions. |
| CO7 | To learn relation between different discrete distributions. |
| CO8 | Concept of bivariate random variable, probability distributions |




HEAD
 DEPARTMENT OF STATISTICS
 VIVEKANAND COLLEGE, KOLHAPUR
 (AUTONOMOUS)