



**D. P. Bhosale College, Koregaon**  
**Department of Mathematics  
and Statistics**



**B.Sc. I (Statistics)**

<b>Course Name</b>	<b>Course Outcomes</b>
Descriptive Statistics -I	<ul style="list-style-type: none"><li>i. Meaning and scope of Statistics, various statistical organizations.</li><li>ii. Population, sample and various methods of sampling.</li><li>iii. Various measures of central tendencies and dispersion.</li><li>iv. Moments, skewness and kurtosis.</li></ul>
Elementary Probability Theory	<ul style="list-style-type: none"><li>i. Distinguish between random and non-random experiments</li><li>ii. Use the basic probability rules, including additive and multiplicative laws</li><li>iii. Understand concept of conditional probability and independence of events.</li><li>iv. Understand concept of uni-variate random variable and its probability distributions</li></ul>
Statistical Methods	<ul style="list-style-type: none"><li>i. the time series data and its analysis,</li><li>ii. rates of vital events, its computation and interpretation,</li><li>iii. how to compute and interpret index numbers,</li><li>iv. cost of living index number and its utility,</li></ul>

<p>Discrete Probability Distributions</p>	<p>i. One point, Two point and Bernoulli distributions, ii. Discrete uniform, Binomial and Hypergeometric distributions, iii. Poisson, Geometric and Negative binomial distributions. iv. Applications of these distributions in real-life situations.</p>
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**Head**  
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**PRINCIPAL,**  
D. P. Bhosale College,  
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