Yashwantrao Chavan College of Science, Karad
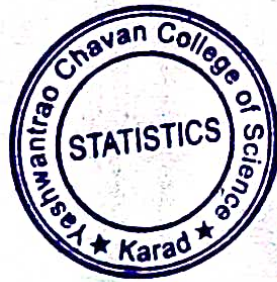## Department of Statistics

CO's for B.Sc.I Statistics

Course code	Course Name	Course Outcome	
		Upon successful completion of the course, students will be able to:	
DSC –7A	Descriptive Statistics - I	CO1	Knowledge about meaning and scope of Statistics, various statistical organizations
		CO2	Illustrate the data and types of data, various data presenting methods.
		CO3	Evaluate population, sample and various methods of sampling.
		CO4	To compute various measures of central tendencies, dispersion, moments, skewness, kurtosis and to interpret them.
DSC –8A	Elementary Probability Theory	CO1	Distinguish between random and non-random experiments.
		CO2	Acquire knowledge of concepts of probability and use the basic probability rules, including additive and multiplicative laws.
		CO3	Understand concept of conditional probability and independence of events.
		CO4	Illustrate univariate random variable and its probability distributions and it's mathematical.
DSC –7B	Descriptive Statistics –II	CO1	Evaluate correlation coefficient and interpret its value.
		CO2	Explain the regression coefficients, interpret its value and use in regression analysis.
		CO3	Knowledge of qualitative data including concept of independence and association between two attributes

		CO4	Evaluate vital statistics and concept of mortality and fertility and growth rates
DSC –8B	Discrete Probability Distributions	CO1	Understand the bivariate discrete distributions, independence of bivariate r.vs., Mathematical expectation of bivariate discrete random variable.
		CO2	Describe probability distributions on finite range.
		CO3	Describe probability distributions on countably infinite range.