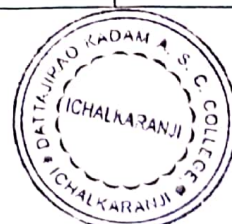



DATTAJIRAO KADAM ARTS, SCIENCE AND COMMERCE COLLEGE, ICHALKARANJI								
DEPARTMENT OF STATISTICS								
Details of Cross Cutting Issues relevant with Gender Awareness, Environmental Awareness, Professional Ethics and Human Values								
Sr. No.	Name of the Course	Sem.	Title of Paper	Name of the Unit	Details of Cross Cutting Issues relevant with			
					Gender Awareness	Environmental Awareness	Professional Ethics	Human Values
1	B.Sc-I	I	Descriptive Statistics-I	Statistical Methods, Measures of Central Tendency, Measures of Dispersion, Moments, Attributes			Statistical Methods, Measures of Central Tendency, Measures of Dispersion, Moments, Attributes	
			Elementary Probability Theory	Sample space and events, Probability, Conditional Probability				
		II	Descriptive Statistics-II	Correlation, Regression, Index Numbers, Tests of index numbers			Correlation, Regression	
			Discrete Probability Distributions	Univariate Probability Distributions, Mathematical expectation, Some Standard Discrete Probability Distributions, Bivariate Discrete Distribution		Bivariate Discrete Distribution		
2	B.Sc-II	III	Probability Distributions-I	Discrete Distributions, Continuous Univariate Distributions, Continuous Bivariate Distributions, Transformations of continuous random variable		Continuous Univariate Distributions		
			Statistical Methods-I	Multiple Linear Regression, Multiple and Partial Correlation, Sampling Theory, Simple random sampling, Demography	Demography		Multiple Linear Regression, Multiple and Partial Correlation	
		IV	Probability Distributions-II	Uniform and Exponential Distribution, Gamma and Beta Distributions, Normal distribution, Exact Sampling Distributions				
			Statistical Methods-II	Time Series, Statistical Quality Control, Testing of Hypothesis - I & II		Time Series		Testing of Hypothesis - I & II



3	B.Sc-III	V	Probability Distributions	Univariate & Multivariate Probability Distributions, Bivariate Normal & Truncated Distributions		Univariate & Multivariate Probability Distributions	
			Statistical Inference-I	Point Estimation, C.R. Inequality and Methods of estimation		Point Estimation, Methods of estimation	
			Design of Experiments	Simple Designs of Experiments, Analysis of Non-Normal data, Efficiency and Factorial Experiments		Simple Designs of Experiments, ANOCOVA and Factorial Experiments & Confounding	
			R Programming & Quality Management	R programming, Quality Management			R programming
		VI	Probability Theory	Order Statistics & Convergence, Reliability Theory		Reliability Theory	
			Statistical Inference-II	Interval Estimation and Parametric tests, SPRT and Non Parametric tests		Interval Estimation	
			Sampling theory	Simple & Stratified Random Sampling, Other Sampling Methods		Simple & Stratified Random Sampling, Systematic Sampling, Cluster Sampling	
			Operation Research	Linear programming, Transportation, Assignment and Sequencing Problems		Decision theory	
4	B.Com-II	III	Business Statistics-I	Introduction to Statistics, Measures of Central Tendency, Measures of Dispersion, Analysis of Bivariate Data: Correlation and Regression		Measures of Central Tendency, Measures of Dispersion, Correlation and Regression	
		IV	Business Statistics-II	Probability and Probability Distributions, Time Series Analysis, Index Numbers, Statistical Quality Control		Index Numbers, Statistical Quality Control	




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