



**BHAVAN'S VIVEKANANDA COLLEGE OF SCIENCE, HUMANITIES AND COMMERCE**  
(Accredited with 'A' Grade by NAAC)

**Autonomous College & Affiliated to Osmania University**

*Department of Mathematics and Statistics*

*B.Sc Statistics Syllabus and Scheme of Examination*

YEAR	SEM	PAPER	CODE	TITLE OF THE PAPER	HRS / WEEK	Duration of Semester Exam	Assessment Exam			Credits
							Internal Marks	External Marks	Total Marks	
I	I	I Theory	ST122	Descriptive Statistics and Probability	4	3	30	70	100	4
		I Practical	ST122P	Descriptive Statistics and Probability Practical	2	3	15	35	50	1
	II	II Theory	ST222	Probability Distributions	4	3	30	70	100	4
		II Practical	ST222P	Probability Distributions Practical	2	3	15	35	50	1
II	III	III Theory	ST322	Statistical Methods and Inferene I	4	3	30	70	100	4
		III Practical	ST322P	Statistical Methods and Inferene I Practical	2	3	15	35	50	1
	IV	IV Theory	ST422	Statistical Inferene II	4	3	30	70	100	4
		IV Practical	ST422P	Statistical Inferene II Practical	2	3	15	35	50	1
III	V	V Theory	ST522	Applied Statistics I	3	3	30	70	100	3
		VA Theory	ST522A	Statistical Quality Control and Reliability	3	3	30	70	100	3
		V Practical	ST522P	Applied Statistics I Practical	2	3	15	35	50	1
		VA Practical	ST522AP	Statistical Quality Control and Reliability Practical	2	3	15	35	50	1
	VI	VI Theory	ST622	Applied Statistics II	3	3	30	70	100	3
		VIA Theory	ST622A	Operation Research	3	3	30	70	100	3
		VI Practical	ST622P	Applied Statistics II Practical	2	3	15	35	50	1
		VIA Practical	ST622AP	Operation Research Practical	2	3	15	35	50	1
Total					44	48	360	840	1200	36

*V. K. Hareendran*  
CHAIRMAN,  
Board of Studies  
in Statistics O.U. 16/06/2015