

**CBCS Credit Pattern**

Semester	Type	Code	Course	Credit	Total Credit
I	DSC	STA101	Descriptive Statistics and Probability	4	6
		STA 102	Practical-I	2	
II	DSC	STA 201	Random Variable, Probability Distribution and Correlation and Regression	4	6
		STA 202	Practical-II	2	
III	DSC	STA 301	Estimation, Multiple and partial correlation, Demography and life table.	4	8
		STA 302	Practical-III	2	
	SEC	STA 313	Business statistics	2	
IV	DSC	STA 401	Testing of Hypothesis I and II, Sampling Distributions (Chi-square, t and F distributions), Non parametric Tests SPRT	4	8
		STA 402	Practical-IV	2	
	SEC	STA 413	Econometrics	2	
V	DSC	STA 501A	Designs of Experiments and SQC	4	10
		STA 501B	Practical-V	2	
		STA 502A	Actuarial Statistics	4	
		STA 502B	Practical- VI	2	
	SEC	STA 513A	Sampling Techniques	2	
		STA 513B	SEC- Practical	2	
VI	DSC	STA 601A	Operation Research -I	4	10
		STA 601B	Practical-VII	2	
		STA 602A	Operation Research -II	4	
		STA 602B	Practical-VIII	2	
	SEC	STA 613A	R-Programming	2	
		STA 613B	SEC-Practical	2	
			<b>Total Credits : 48</b>		