



**CURRICULUM**

**Year I**

	<b>Subject Code</b>	<b>Subject Name</b>	<b>Credits</b>
<b>Sem-1</b>		Matrix Algebra	<b>4</b>
		Probability Theory	<b>4</b>
		Parametric Estimation	<b>4</b>
		Theory of Sampling	<b>4</b>
		Practical 1	<b>4</b>
		Practical 2	<b>4</b>
		<b>Total</b>	<b>24</b>
<b>Sem-2</b>		Reliability and Life Testing	<b>4</b>
		Distribution Theory	<b>4</b>
		Mathematical Programming	<b>4</b>
		Elective Paper Elective Paper-I: Computer Programming Elective Paper-II: R -Programming Elective Paper-III: Measure Theory	<b>4</b>
		Practical 3	<b>4</b>
		Practical 4	<b>4</b>
		<b>Total</b>	<b>24</b>



**CURRICULUM**

**Year II**

	Subject Code	Subject Name	Credits
<b>Sem-3</b>		Testing of Hypotheses	<b>4</b>
		Design of Experiments	<b>4</b>
		Multivariate Analysis	<b>4</b>
		Operations Research	<b>4</b>
		Practical 5	<b>4</b>
		Practical 6	<b>4</b>
		<b>Total</b>	<b>24</b>
<b>Sem-4</b>		Time Series Analysis	<b>4</b>
		Regression Analysis	<b>4</b>
		Industrial Statistics	<b>4</b>
		Elective Paper Elective Paper-I: Bio-Assays and Clinical Trials Elective Paper-II: Actuarial Statistics Elective Paper-III: Environmental Statistics	<b>4</b>
		Practical 7	<b>4</b>
		Practical 8	<b>4</b>
		<b>Total</b>	<b>24</b>