

**STUDY & EVALUATION SCHEME**  
**M.SC. STATISTICS**  
**I YEAR: I SEMESTER**

S. No.	Subject Code	Subject	L	T	P	CIE	ESE	Total	C
<b>THEORY</b>									
1.		Real and Complex analysis	3	2	-	40	60	100	5
2.		Linear Algebra	3	2	-	40	60	100	5
3.		Probability and Distribution theory	3	2	-	40	60	100	5
4.		Sampling Techniques	3	2	-	40	60	100	5
5.		Statistical Methodology and Data Mining	3	2	-	40	60	100	5
<b>PRACTICAL/TRAINING/PROJECT</b>									
6.		Statistical Analysis using MS Excel	-	-	2	80	20	100	1
7.		Seminar	-	-	2	80	20	100	1
<b>Total</b>			<b>15</b>	<b>10</b>	<b>4</b>	<b>360</b>	<b>340</b>	<b>700</b>	<b>27</b>

- L - Lecture  
T -Tutorial  
P -Practical  
CIE -Continuous Internal Evaluation  
ESE -End Semester Exam  
C -Credit

**STUDY & EVALUATION SCHEME**  
**M.SC. STATISTICS**  
**I YEAR: II SEMESTER**

S. No.	Subject Code	Subject	L	T	P	CIE	ESE	Total	C
<b>THEORY</b>									
1.		Measure theory and Advanced Probability	3	2	-	40	60	100	5
2.		Statistical Inference	3	2	-	40	60	100	5
3.		Linear Models and Regression Analysis	3	2	-	40	60	100	5
4.		Sequential Analysis and Time Series	3	2	-	40	60	100	5
5.		Multivariate Analysis	3	2	-	40	60	100	5
<b>PRACTICAL/TRAINING/PROJECT</b>									
6.		Statistical Analysis using R	-	-	2	80	20	100	1
7.		Seminar	-	-	2	80	20	100	1
<b>Total</b>			<b>15</b>	<b>10</b>	<b>4</b>	<b>360</b>	<b>340</b>	<b>700</b>	<b>27</b>

**STUDY & EVALUATION SCHEME**  
**M.SC. STATISTICS**  
**II YEAR: III SEMESTER**

S. No.	Subject Code	Subject	L	T	P	CIE	ESE	Total	C
<b>THEORY</b>									
1.		Demography and Official Statistics	3	2	-	40	60	100	5
2.		Reliability Theory	3	2	-	40	60	100	5
3.		Block Designs and their Analysis	3	2	-	40	60	100	5
4.	---	Elective-I	3	1	-	40	60	100	4
5.	---	Elective-II	3	1	-	40	60	100	4
<b>PRACTICAL/TRAINING/PROJECT</b>									
6.		Advanced Statistical Analysis using SPSS	-	-	2	80	20	100	1
7.		Seminar	-	-	2	80	20	100	1
<b>Total</b>			<b>15</b>	<b>8</b>	<b>4</b>	<b>360</b>	<b>340</b>	<b>700</b>	<b>25</b>

University Mandatory Non-Credit Course									
1.	<b>XHUX601</b>	Human Values and Ethics	2	-	-	100	-	100	0

**STUDY & EVALUATION SCHEME**  
**M.SC. STATISTICS**  
**II YEAR: IV SEMESTER**

<b>S. No.</b>	<b>Subject Code</b>	<b>Subject</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>CIE</b>	<b>ESE</b>	<b>Total</b>	<b>C</b>
<b>THEORY</b>									
<b>1.</b>		Operations Research	3	2	-	40	60	100	5
<b>2.</b>		Decision Theory and Bayesian Analysis	3	1	-	40	60	100	4
<b>3.</b>	---	Elective-III	3	1	-	40	60	100	4
<b>PRACTICAL/TRAINING/PROJECT</b>									
<b>4.</b>		Project	-	-	2	80	20	100	4
<b>5.</b>		Comprehensive Viva-Voce	-	-	-	100	-	100	2
<b>Total</b>			<b>9</b>	<b>4</b>	<b>2</b>	<b>120</b>	<b>180</b>	<b>500</b>	<b>19</b>

## List of Electives

S. No.	Subject Code	Subject
<b>Elective-I (Semester-III)</b>		
1.		Programming with R
2.		Design of Experiments
3.		Health Statistics
<b>Elective-II (Semester-III)</b>		
1.		Stochastic Processes
2.		Econometrics
3.		Actuarial Statistics
<b>Elective-III (Semester-IV)</b>		
1.		Qualitative Data Analysis
2.		Factorial Experiments and Response surfaces
3.		Data Analysis Using R
4.		Non-Parametric Inferences and Stochastic Orders