



Shreemati Nathibai Damodar Thackersey Women's University  
1, Nathibai Thackersey Road, New Marine Lines, Mumbai-400020, Maharashtra (India)

## **Course Assessment Scheme**

**For**

**Post Std 10+2 Program,  
For 4 Year(s) Bachelor Degree Program in**

**Faculty of Science and Technology**

**Bachelor Of Technology(B.Tech.)**  
(Credits System)

**(Revised 2019-Regular)**

**Data Science**

**Program Code: -**



## Courses

### Teaching And Assessment Scheme

Abbreviations : TLM - Teaching Learning Method, AM - Assessment Method, AT - Assessment Type, EXT - External Assessment, INT - Internal Assessment, Hrs - Contact Hours per Week, MS - Marks System, GS - Grade System, Min - Minimum Marks, Max - Maximum Marks, DG - Direct Grading, IG - Indirect Grading

**Program Part: FY** Separate Passing Head: No, Min: 0, Max: 1050, Total Credits: 38.00

**Term: Sem I** Separate Passing Head: No, Min Courses: 8, Max Courses: 8, Min: 0, Max: 450, Total Credits: 17.50

**The courses under Sem I are as follows:**

<b>Course Name: Applied Science (Physics and Chemistry)</b>									
Course Code: 110011 Min: 0 Max: 100									
<i>TLM</i>	<i>Hrs</i>	<i>Credits/Paper_Credit</i>	<i>AM</i>	<i>Min</i>	<i>Max</i>	<i>AT</i>	<i>Min</i>	<i>Max</i>	<i>Evaluation System</i>
Lecture	4	4.00/4.00	Theory	-	100	EXT	30	75	Marks System
						INT	10	25	Marks System
<b>Course Name: Mathematics-I</b>									
Course Code: 110012 Min: 0 Max: 100									
<i>TLM</i>	<i>Hrs</i>	<i>Credits/Paper_Credit</i>	<i>AM</i>	<i>Min</i>	<i>Max</i>	<i>AT</i>	<i>Min</i>	<i>Max</i>	<i>Evaluation System</i>
Lecture	4	4.00/4.00	Theory	-	100	EXT	30	75	Marks System
						INT	10	25	Marks System
<b>Course Name: Applied Science Lab</b>									
Course Code: 110021 Min: 0 Max: 50									
<i>TLM</i>	<i>Hrs</i>	<i>Credits/Paper_Credit</i>	<i>AM</i>	<i>Min</i>	<i>Max</i>	<i>AT</i>	<i>Min</i>	<i>Max</i>	<i>Evaluation System</i>
Practicals	1	1.50/1.50	Practical/Viva	-	50	EXT	10	25	Marks System
						INT	10	25	Marks System
<b>Course Name: Basic Electrical Engineering</b>									
Course Code: 120011 Min: 0 Max: 100									
<i>TLM</i>	<i>Hrs</i>	<i>Credits/Paper_Credit</i>	<i>AM</i>	<i>Min</i>	<i>Max</i>	<i>AT</i>	<i>Min</i>	<i>Max</i>	<i>Evaluation System</i>
Lecture	4	4.00/4.00	Theory	-	100	EXT	30	75	Marks System
						INT	10	25	Marks System
<b>Course Name: Engineering Graphics and Design</b>									
Course Code: 120012 Min: 0 Max: 25									
<i>TLM</i>	<i>Hrs</i>	<i>Credits/Paper_Credit</i>	<i>AM</i>	<i>Min</i>	<i>Max</i>	<i>AT</i>	<i>Min</i>	<i>Max</i>	<i>Evaluation System</i>
Lecture	1	1.00/1.00	Theory	-	25	EXT	10	25	Marks System
<b>Course Name: Basic Electrical Engineering Lab</b>									
Course Code: 120021 Min: 0 Max: 25									
<i>TLM</i>	<i>Hrs</i>	<i>Credits/Paper_Credit</i>	<i>AM</i>	<i>Min</i>	<i>Max</i>	<i>AT</i>	<i>Min</i>	<i>Max</i>	<i>Evaluation System</i>
Practicals	1	1.00/1.00	Practical/Viva	-	25	EXT	10	25	Marks System
<b>Course Name: Engineering Graphics and Design Lab</b>									
Course Code: 120022 Min: 0 Max: 50									
<i>TLM</i>	<i>Hrs</i>	<i>Credits/Paper_Credit</i>	<i>AM</i>	<i>Min</i>	<i>Max</i>	<i>AT</i>	<i>Min</i>	<i>Max</i>	<i>Evaluation System</i>
Practicals	2	2.00/2.00	Practical/Viva	-	50	EXT	10	25	Marks System
						INT	10	25	Marks System
<b>Course Name: Induction Programme</b>									
Course Code: 180051 Min: 0 Max: 100									
<i>TLM</i>	<i>Hrs</i>	<i>Credits/Paper_Credit</i>	<i>AM</i>	<i>Min</i>	<i>Max</i>	<i>AT</i>	<i>Min</i>	<i>Max</i>	<i>Evaluation System</i>
Practicals	0	0.00/0	Practical/Viva	-	100	INT	-	100	Marks System

**Term: Sem II** Separate Passing Head: No, Min Courses: 10, Max Courses: 10, Min: 0, Max: 600, Total Credits: 20.50

The courses under Sem II are as follows:

<b>Course Name: Applied Science (Physics and Chemistry)</b>									
Course Code: 210011 Min: 0 Max: 100									
<i>TLM</i>	<i>Hrs</i>	<i>Credits/Paper_Credit</i>	<i>AM</i>	<i>Min</i>	<i>Max</i>	<i>AT</i>	<i>Min</i>	<i>Max</i>	<i>Evaluation System</i>
Lecture	4	4.00/4.00	Theory	-	100	EXT	30	75	Marks System
						INT	10	25	Marks System
<b>Course Name: Mathematics-II</b>									
Course Code: 210012 Min: 0 Max: 100									
<i>TLM</i>	<i>Hrs</i>	<i>Credits/Paper_Credit</i>	<i>AM</i>	<i>Min</i>	<i>Max</i>	<i>AT</i>	<i>Min</i>	<i>Max</i>	<i>Evaluation System</i>
Lecture	4	4.00/4.00	Theory	-	100	EXT	30	75	Marks System
						INT	10	25	Marks System
<b>Course Name: Applied Science Lab</b>									
Course Code: 210021 Min: 0 Max: 50									
<i>TLM</i>	<i>Hrs</i>	<i>Credits/Paper_Credit</i>	<i>AM</i>	<i>Min</i>	<i>Max</i>	<i>AT</i>	<i>Min</i>	<i>Max</i>	<i>Evaluation System</i>
Practicals	1	1.50/1.50	Practical/Viva	-	50	EXT	10	25	Marks System
						INT	10	25	Marks System
<b>Course Name: Programming for Problem Solving</b>									
Course Code: 220011 Min: 0 Max: 100									
<i>TLM</i>	<i>Hrs</i>	<i>Credits/Paper_Credit</i>	<i>AM</i>	<i>Min</i>	<i>Max</i>	<i>AT</i>	<i>Min</i>	<i>Max</i>	<i>Evaluation System</i>
Lecture	3	3.00/3.00	Theory	-	100	EXT	30	75	Marks System
						INT	10	25	Marks System
<b>Course Name: Workshop/Manufacturing Practices</b>									
Course Code: 220012 Min: 0 Max: 25									
<i>TLM</i>	<i>Hrs</i>	<i>Credits/Paper_Credit</i>	<i>AM</i>	<i>Min</i>	<i>Max</i>	<i>AT</i>	<i>Min</i>	<i>Max</i>	<i>Evaluation System</i>
Lecture	1	1.00/1.00	Theory	-	25	EXT	10	25	Marks System
<b>Course Name: Programming for Problem Solving Lab</b>									
Course Code: 220021 Min: 0 Max: 50									
<i>TLM</i>	<i>Hrs</i>	<i>Credits/Paper_Credit</i>	<i>AM</i>	<i>Min</i>	<i>Max</i>	<i>AT</i>	<i>Min</i>	<i>Max</i>	<i>Evaluation System</i>
Practicals	2	2.00/2.00	Practical/Viva	-	50	EXT	10	25	Marks System
						INT	10	25	Marks System
<b>Course Name: Workshop/Manufacturing Practices Lab</b>									
Course Code: 220022 Min: 0 Max: 50									
<i>TLM</i>	<i>Hrs</i>	<i>Credits/Paper_Credit</i>	<i>AM</i>	<i>Min</i>	<i>Max</i>	<i>AT</i>	<i>Min</i>	<i>Max</i>	<i>Evaluation System</i>
Practicals	2	2.00/2.00	Practical/Viva	-	50	EXT	10	25	Marks System
						INT	10	25	Marks System
<b>Course Name: English</b>									
Course Code: 230011 Min: 0 Max: 50									
<i>TLM</i>	<i>Hrs</i>	<i>Credits/Paper_Credit</i>	<i>AM</i>	<i>Min</i>	<i>Max</i>	<i>AT</i>	<i>Min</i>	<i>Max</i>	<i>Evaluation System</i>
Lecture	2	2.00/2.00	Theory	-	50	EXT	16	40	Marks System
						INT	4	10	Marks System
<b>Course Name: English Practical</b>									
Course Code: 230021 Min: 0 Max: 25									
<i>TLM</i>	<i>Hrs</i>	<i>Credits/Paper_Credit</i>	<i>AM</i>	<i>Min</i>	<i>Max</i>	<i>AT</i>	<i>Min</i>	<i>Max</i>	<i>Evaluation System</i>
Practicals	1	1.00/1.00	Practical/Viva	-	25	INT	10	25	Marks System
<b>Course Name: Environmental Sciences</b>									
Course Code: 280011 Min: 0 Max: 50									
<i>TLM</i>	<i>Hrs</i>	<i>Credits/Paper_Credit</i>	<i>AM</i>	<i>Min</i>	<i>Max</i>	<i>AT</i>	<i>Min</i>	<i>Max</i>	<i>Evaluation System</i>
Lecture	2	0.00/0	Theory	-	50	EXT	20	50	Marks System

**Program Part: SY** Separate Passing Head: No, Min: 0, Max: 1250, Total Credits: 41.00

**Term: Sem III** Separate Passing Head: No, Min Courses: 8, Max Courses: 8, Min: 0, Max: 550, Total Credits: 19.00

The courses under Sem III are as follows:

<b>Course Name: Mathematics-III (Probability and Statistics)</b>									
Course Code: 313411 Min: 0 Max: 50									
<i>TLM</i>	<i>Hrs</i>	<i>Credits/Paper_Credit</i>	<i>AM</i>	<i>Min</i>	<i>Max</i>	<i>AT</i>	<i>Min</i>	<i>Max</i>	<i>Evaluation System</i>
Lecture	2	2.00/2.00	Theory	-	50	EXT	20	50	Marks System
<b>Course Name: Analog and Digital Electronics</b>									
Course Code: 320511 Min: 0 Max: 100									
<i>TLM</i>	<i>Hrs</i>	<i>Credits/Paper_Credit</i>	<i>AM</i>	<i>Min</i>	<i>Max</i>	<i>AT</i>	<i>Min</i>	<i>Max</i>	<i>Evaluation System</i>
Lecture	3	3.00/3.00	Theory	-	100	EXT	30	75	Marks System
						INT	10	25	Marks System
<b>Course Name: Analog Digital Electronics Lab</b>									
Course Code: 320521 Min: 0 Max: 50									
<i>TLM</i>	<i>Hrs</i>	<i>Credits/Paper_Credit</i>	<i>AM</i>	<i>Min</i>	<i>Max</i>	<i>AT</i>	<i>Min</i>	<i>Max</i>	<i>Evaluation System</i>
Practicals	2	2.00/2.00	Practical /Viva	-	50	EXT	10	25	Marks System
						INT	10	25	Marks System
<b>Course Name: Economics for Engineers</b>									
Course Code: 331211 Min: 0 Max: 50									
<i>TLM</i>	<i>Hrs</i>	<i>Credits/Paper_Credit</i>	<i>AM</i>	<i>Min</i>	<i>Max</i>	<i>AT</i>	<i>Min</i>	<i>Max</i>	<i>Evaluation System</i>
Lecture	2	2.00/2.00	Theory	-	50	EXT	20	50	Marks System
<b>Course Name: Introduction to Data Science</b>									
Course Code: 340512 Min: 0 Max: 100									
<i>TLM</i>	<i>Hrs</i>	<i>Credits/Paper_Credit</i>	<i>AM</i>	<i>Min</i>	<i>Max</i>	<i>AT</i>	<i>Min</i>	<i>Max</i>	<i>Evaluation System</i>
Lecture	3	3.00/3.00	Theory	-	100	EXT	30	75	Marks System
						INT	10	25	Marks System
<b>Course Name: Data Science Lab Using Python</b>									
Course Code: 340522 Min: 0 Max: 50									
<i>TLM</i>	<i>Hrs</i>	<i>Credits/Paper_Credit</i>	<i>AM</i>	<i>Min</i>	<i>Max</i>	<i>AT</i>	<i>Min</i>	<i>Max</i>	<i>Evaluation System</i>
Practicals	2	2.00/2.00	Practical /Viva	-	50	EXT	10	25	Marks System
						INT	10	25	Marks System
<b>Course Name: Data structure and Algorithms</b>									
Course Code: 343411 Min: 0 Max: 100									
<i>TLM</i>	<i>Hrs</i>	<i>Credits/Paper_Credit</i>	<i>AM</i>	<i>Min</i>	<i>Max</i>	<i>AT</i>	<i>Min</i>	<i>Max</i>	<i>Evaluation System</i>
Lecture	3	3.00/3.00	Theory	-	100	EXT	30	75	Marks System
						INT	10	25	Marks System
<b>Course Name: Data structure and Algorithms Lab</b>									
Course Code: 343421 Min: 0 Max: 50									
<i>TLM</i>	<i>Hrs</i>	<i>Credits/Paper_Credit</i>	<i>AM</i>	<i>Min</i>	<i>Max</i>	<i>AT</i>	<i>Min</i>	<i>Max</i>	<i>Evaluation System</i>
Practicals	2	2.00/2.00	Practical /Viva	-	50	EXT	10	25	Marks System
						INT	10	25	Marks System

**Term: Sem IV** Separate Passing Head: No, Min Courses: 9, Max Courses: 9, Min: 0, Max: 700, Total Credits: 22.00

The courses under Sem IV are as follows:

<b>Course Name: Biology for Engineers</b>									
Course Code: 410511 Min: 0 Max: 100									
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
Lecture	3	3.00/3.00	Theory	-	100	EXT	30	75	Marks System
						INT	10	25	Marks System
<b>Course Name: Database Mangement</b>									
Course Code: 440512 Min: 0 Max: 100									
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
Lecture	3	3.00/3.00	Theory	-	100	EXT	30	75	Marks System
						INT	10	25	Marks System
<b>Course Name: Data Mining</b>									
Course Code: 440514 Min: 0 Max: 100									
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
Lecture	3	3.00/3.00	Theory	-	100	EXT	30	75	Marks System
						INT	10	25	Marks System
<b>Course Name: Database Management Lab</b>									
Course Code: 440522 Min: 0 Max: 50									
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
Practicals	2	2.00/2.00	Practical /Viva	-	50	EXT	10	25	Marks System
						INT	10	25	Marks System
<b>Course Name: Data Mining Lab</b>									
Course Code: 440524 Min: 0 Max: 50									
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
Practicals	2	2.00/2.00	Practical /Viva	-	50	EXT	10	25	Marks System
						INT	10	25	Marks System
<b>Course Name: Discrete Mathematics</b>									
Course Code: 443411 Min: 0 Max: 100									
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
Lecture	4	4.00/4.00	Theory	-	100	EXT	30	75	Marks System
						INT	10	25	Marks System
<b>Course Name: Design and Analysis of Algorithms</b>									
Course Code: 443413 Min: 0 Max: 100									
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
Lecture	3	3.00/3.00	Theory	-	100	EXT	30	75	Marks System
						INT	10	25	Marks System
<b>Course Name: Design and Analysis of Algorithms Lab</b>									
Course Code: 443423 Min: 0 Max: 50									
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
Practicals	2	2.00/2.00	Practical /Viva	-	50	EXT	10	25	Marks System
						INT	10	25	Marks System
<b>Course Name: Constitution of India</b>									
Course Code: 483451 Min: 0 Max: 50									
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
Lecture	0	0.00/0	Theory	-	50	EXT	10	25	Marks System
						INT	10	25	Marks System

**Program Part: TY** Separate Passing Head: No, Min: 0, Max: 1425, Total Credits: 44.00

**Term: Sem V** Separate Passing Head: No, Min Courses: 11, Max Courses: 11, Min: 0, Max: 725, Total Credits: 23.00

**The courses under Sem V are as follows:**

<b>Course Name: Humanities I (Effective Technical Communication)</b>									
Course Code: 535611 Min: 0 Max: 100									
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
Lecture	3	3.00/3.00	Theory	-	100	EXT	30	75	Marks System
						INT	10	25	Marks System
<b>Course Name: Data Network</b>									
Course Code: 540511 Min: 0 Max: 100									
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
Lecture	3	3.00/3.00	Theory	-	100	EXT	30	75	Marks System
						INT	10	25	Marks System
<b>Course Name: Architecture For Data Processing</b>									
Course Code: 540512 Min: 0 Max: 100									
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
Lecture	3	3.00/3.00	Theory	-	100	EXT	30	75	Marks System
						INT	10	25	Marks System
<b>Course Name: Analysing, Visualizing Applying data science</b>									
Course Code: 540513 Min: 0 Max: 100									
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
Lecture	3	3.00/3.00	Theory	-	100	EXT	30	75	Marks System
						INT	10	25	Marks System
<b>Course Name: Data Network Lab</b>									
Course Code: 540521 Min: 0 Max: 25									
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
Practicals	1	1.00/1.00	Practical/Viva	-	25	EXT	10	25	Marks System
<b>Course Name: Architecture For Data Processing Lab</b>									
Course Code: 540522 Min: 0 Max: 25									
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
Practicals	1	1.00/1.00	Practical/Viva	-	25	EXT	10	25	Marks System
<b>Course Name: Analysing, Visualizing and Applying data science Lab</b>									
Course Code: 540523 Min: 0 Max: 25									
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
Practicals	1	1.00/1.00	Practical/Viva	10	25	EXT	10	25	Marks System
<b>Course Name: Object Oriented Programming</b>									
Course Code: 543413 Min: 0 Max: 100									
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
Lecture	3	3.00/3.00	Theory	-	100	EXT	30	75	Marks System
						INT	10	25	Marks System
<b>Course Name: Object Oriented Programming Lab</b>									
Course Code: 543423 Min: 0 Max: 25									
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
Practicals	1	1.00/1.00	Practical/Viva	-	25	EXT	10	25	Marks System
<b>Course Name: Human Machine Interaction</b>									
Course Code: 550511 Min: 0 Max: 100									
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
Lecture	3	3.00/3.00	Theory	-	100	EXT	30	75	Marks System
						INT	10	25	Marks System

<b>Course Name: Human Machine Interaction Lab</b>									
Course Code: 550521 Min: 0 Max: 25									
<i>TLM</i>	<i>Hrs</i>	<i>Credits/Paper_Credit</i>	<i>AM</i>	<i>Min</i>	<i>Max</i>	<i>AT</i>	<i>Min</i>	<i>Max</i>	<i>Evaluation System</i>
Practicals	1	1.00/1.00	Practical/Viva	-	25	EXT	10	25	Marks System
<b>Course Name: Machine Learning &amp; Computing</b>									
Course Code: 555611 Min: 0 Max: 100									
<i>TLM</i>	<i>Hrs</i>	<i>Credits/Paper_Credit</i>	<i>AM</i>	<i>Min</i>	<i>Max</i>	<i>AT</i>	<i>Min</i>	<i>Max</i>	<i>Evaluation System</i>
Lecture	3	3.00/3.00	Theory	-	100	EXT	30	75	Marks System
						INT	10	25	Marks System
<b>Course Name: Image &amp; Video Processing</b>									
Course Code: 555612 Min: 0 Max: 100									
<i>TLM</i>	<i>Hrs</i>	<i>Credits/Paper_Credit</i>	<i>AM</i>	<i>Min</i>	<i>Max</i>	<i>AT</i>	<i>Min</i>	<i>Max</i>	<i>Evaluation System</i>
Lecture	3	3.00/3.00	Theory	-	100	EXT	30	75	Marks System
						INT	10	25	Marks System
<b>Course Name: Machine Learning &amp; computing Lab</b>									
Course Code: 555621 Min: 0 Max: 25									
<i>TLM</i>	<i>Hrs</i>	<i>Credits/Paper_Credit</i>	<i>AM</i>	<i>Min</i>	<i>Max</i>	<i>AT</i>	<i>Min</i>	<i>Max</i>	<i>Evaluation System</i>
Practicals	1	1.00/1.00	Practical/Viva	-	25	EXT	10	25	Marks System
<b>Course Name: Image &amp; Video Processing Lab</b>									
Course Code: 555622 Min: 0 Max: 25									
<i>TLM</i>	<i>Hrs</i>	<i>Credits/Paper_Credit</i>	<i>AM</i>	<i>Min</i>	<i>Max</i>	<i>AT</i>	<i>Min</i>	<i>Max</i>	<i>Evaluation System</i>
Practicals	1	1.00/1.00	Practical/Viva	-	25	EXT	10	25	Marks System

**Term: Sem VI** Separate Passing Head: No, Min Courses: 11, Max Courses: 11, Min: 0, Max: 700, Total Credits: 21.00

**The courses under Sem VI are as follows:**

<b>Course Name: Microprocessor and Microcontroller Lab</b>									
Course Code: 620521 Min: 0 Max: 25									
<i>TLM</i>	<i>Hrs</i>	<i>Credits/Paper_Credit</i>	<i>AM</i>	<i>Min</i>	<i>Max</i>	<i>AT</i>	<i>Min</i>	<i>Max</i>	<i>Evaluation System</i>
Practicals	1	1.00/1.00	Practical/Viva	-	25	EXT	10	25	Marks System
<b>Course Name: Microprocessor and Microcontroller</b>									
Course Code: 625611 Min: 0 Max: 100									
<i>TLM</i>	<i>Hrs</i>	<i>Credits/Paper_Credit</i>	<i>AM</i>	<i>Min</i>	<i>Max</i>	<i>AT</i>	<i>Min</i>	<i>Max</i>	<i>Evaluation System</i>
Lecture	3	3.00/3.00	Theory	-	100	EXT	30	75	Marks System
						INT	10	25	Marks System
<b>Course Name: Data Visualization</b>									
Course Code: 640511 Min: 0 Max: 100									
<i>TLM</i>	<i>Hrs</i>	<i>Credits/Paper_Credit</i>	<i>AM</i>	<i>Min</i>	<i>Max</i>	<i>AT</i>	<i>Min</i>	<i>Max</i>	<i>Evaluation System</i>
Lecture	3	3.00/3.00	Theory	-	100	EXT	30	75	Marks System
						INT	10	25	Marks System
<b>Course Name: Software Engineering</b>									
Course Code: 640512 Min: 0 Max: 100									
<i>TLM</i>	<i>Hrs</i>	<i>Credits/Paper_Credit</i>	<i>AM</i>	<i>Min</i>	<i>Max</i>	<i>AT</i>	<i>Min</i>	<i>Max</i>	<i>Evaluation System</i>
Lecture	3	3.00/3.00	Theory	-	100	EXT	30	75	Marks System
						INT	10	25	Marks System
<b>Course Name: Data Visualization Lab</b>									
Course Code: 640521 Min: 0 Max: 25									
<i>TLM</i>	<i>Hrs</i>	<i>Credits/Paper_Credit</i>	<i>AM</i>	<i>Min</i>	<i>Max</i>	<i>AT</i>	<i>Min</i>	<i>Max</i>	<i>Evaluation System</i>
Practicals	1	1.00/1.00	Practical/Viva	-	25	EXT	10	25	Marks System



<b>Course Name: Computer Security</b>									
Course Code: 650511 Min: 0 Max: 100									
<i>TLM</i>	<i>Hrs</i>	<i>Credits/Paper_Credit</i>	<i>AM</i>	<i>Min</i>	<i>Max</i>	<i>AT</i>	<i>Min</i>	<i>Max</i>	<i>Evaluation System</i>
Lecture	3	3.00/3.00	Theory	-	100	EXT	30	75	Marks System
						INT	10	25	Marks System
<b>Course Name: Advanced Database Management</b>									
Course Code: 650512 Min: 0 Max: 100									
<i>TLM</i>	<i>Hrs</i>	<i>Credits/Paper_Credit</i>	<i>AM</i>	<i>Min</i>	<i>Max</i>	<i>AT</i>	<i>Min</i>	<i>Max</i>	<i>Evaluation System</i>
Lecture	3	3.00/3.00	Theory	-	100	EXT	30	75	Marks System
						INT	10	25	Marks System
<b>Course Name: Digital Advertising</b>									
Course Code: 650513 Min: 0 Max: 100									
<i>TLM</i>	<i>Hrs</i>	<i>Credits/Paper_Credit</i>	<i>AM</i>	<i>Min</i>	<i>Max</i>	<i>AT</i>	<i>Min</i>	<i>Max</i>	<i>Evaluation System</i>
Lecture	3	3.00/3.00	Theory	-	100	EXT	30	75	Marks System
						INT	10	25	Marks System
<b>Course Name: Computer Graphics</b>									
Course Code: 650514 Min: 0 Max: 100									
<i>TLM</i>	<i>Hrs</i>	<i>Credits/Paper_Credit</i>	<i>AM</i>	<i>Min</i>	<i>Max</i>	<i>AT</i>	<i>Min</i>	<i>Max</i>	<i>Evaluation System</i>
Lecture	3	3.00/3.00	Theory	-	100	EXT	30	75	Marks System
						INT	10	25	Marks System
<b>Course Name: Computer Security Lab</b>									
Course Code: 650521 Min: 0 Max: 25									
<i>TLM</i>	<i>Hrs</i>	<i>Credits/Paper_Credit</i>	<i>AM</i>	<i>Min</i>	<i>Max</i>	<i>AT</i>	<i>Min</i>	<i>Max</i>	<i>Evaluation System</i>
Practicals	1	1.00/1.00	Practical/Viva	-	25	EXT	10	25	Marks System
<b>Course Name: Advanced Database Management Lab</b>									
Course Code: 650522 Min: 0 Max: 25									
<i>TLM</i>	<i>Hrs</i>	<i>Credits/Paper_Credit</i>	<i>AM</i>	<i>Min</i>	<i>Max</i>	<i>AT</i>	<i>Min</i>	<i>Max</i>	<i>Evaluation System</i>
Practicals	1	1.00/1.00	Practical/Viva	-	25	EXT	10	25	Marks System
<b>Course Name: Digital Advertising Lab</b>									
Course Code: 650523 Min: 0 Max: 25									
<i>TLM</i>	<i>Hrs</i>	<i>Credits/Paper_Credit</i>	<i>AM</i>	<i>Min</i>	<i>Max</i>	<i>AT</i>	<i>Min</i>	<i>Max</i>	<i>Evaluation System</i>
Practicals	1	1.00/1.00	Practical/Viva	-	25	EXT	10	25	Marks System
<b>Course Name: Computer Graphics Lab</b>									
Course Code: 650524 Min: 0 Max: 25									
<i>TLM</i>	<i>Hrs</i>	<i>Credits/Paper_Credit</i>	<i>AM</i>	<i>Min</i>	<i>Max</i>	<i>AT</i>	<i>Min</i>	<i>Max</i>	<i>Evaluation System</i>
Practicals	1	1.00/1.00	Practical/Viva	-	25	EXT	10	25	Marks System
<b>Course Name: Artificial Intelligence</b>									
Course Code: 653411 Min: 0 Max: 100									
<i>TLM</i>	<i>Hrs</i>	<i>Credits/Paper_Credit</i>	<i>AM</i>	<i>Min</i>	<i>Max</i>	<i>AT</i>	<i>Min</i>	<i>Max</i>	<i>Evaluation System</i>
Lecture	3	3.00/3.00	Theory	-	100	EXT	30	75	Marks System
						INT	10	25	Marks System
<b>Course Name: Neural Network and Deep Learning</b>									
Course Code: 653414 Min: 0 Max: 100									
<i>TLM</i>	<i>Hrs</i>	<i>Credits/Paper_Credit</i>	<i>AM</i>	<i>Min</i>	<i>Max</i>	<i>AT</i>	<i>Min</i>	<i>Max</i>	<i>Evaluation System</i>
Lecture	3	3.00/3.00	Theory	-	100	EXT	30	75	Marks System
						INT	10	25	Marks System

<b>Course Name: Artificial Intelligence Lab</b>									
Course Code: 653421 Min: 0 Max: 25									
<i>TLM</i>	<i>Hrs</i>	<i>Credits/Paper_Credit</i>	<i>AM</i>	<i>Min</i>	<i>Max</i>	<i>AT</i>	<i>Min</i>	<i>Max</i>	<i>Evaluation System</i>
Practicals	1	1.00/1.00	Practical/Viva	-	25	EXT	10	25	Marks System
<b>Course Name: Neural Network and Deep Learning Lab</b>									
Course Code: 653424 Min: 0 Max: 25									
<i>TLM</i>	<i>Hrs</i>	<i>Credits/Paper_Credit</i>	<i>AM</i>	<i>Min</i>	<i>Max</i>	<i>AT</i>	<i>Min</i>	<i>Max</i>	<i>Evaluation System</i>
Practicals	1	1.00/1.00	Practical/Viva	-	25	EXT	10	25	Marks System
<b>Course Name: Project -I</b>									
Course Code: 670531 Min: 0 Max: 50									
<i>TLM</i>	<i>Hrs</i>	<i>Credits/Paper_Credit</i>	<i>AM</i>	<i>Min</i>	<i>Max</i>	<i>AT</i>	<i>Min</i>	<i>Max</i>	<i>Evaluation System</i>
Practicals	2	2.00/2.00	Practical/Viva	-	50	EXT	10	25	Marks System
						INT	10	25	Marks System
<b>Course Name: Essence and importance of Indian Knowledge Tradition</b>									
Course Code: 685611 Min: 0 Max: 50									
<i>TLM</i>	<i>Hrs</i>	<i>Credits/Paper_Credit</i>	<i>AM</i>	<i>Min</i>	<i>Max</i>	<i>AT</i>	<i>Min</i>	<i>Max</i>	<i>Evaluation System</i>
Lecture	0	0.00/0	Theory	-	50	EXT	10	25	Marks System
						INT	10	25	Marks System