



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)
Computer Science & Technology
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:

Course Name: Applied Science (Physics and Chemistry)									
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
Course Name: Mathematics-I									
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
Course Name: Applied Science Lab									
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
Course Name: Basic Electrical Engineering									
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
Course Name: Engineering Graphics and Design									
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
Course Name: Basic Electrical Engineering Lab									
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
Course Name: Engineering Graphics and Design Lab									
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
Course Name: Induction Programme									
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:

Course Name: Applied Science (Physics and Chemistry)									
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
Course Name: Mathematics-II									
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
Course Name: Applied Science Lab									
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
Course Name: Programming for Problem Solving									
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
Course Name: Workshop/Manufacturing Practices									
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
Course Name: Programming for Problem Solving Lab									
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
Course Name: Workshop/Manufacturing Practices Lab									
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
Course Name: English									
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
Course Name: English Practical									
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
Course Name: Environmental Sciences									
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: 1225, 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:

Course Name: Mathematics-III (Probability and Statistics) (CST)									
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
Course Name: Analog Electronics Circuits(CST)									
Course Code: 323411 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
Course Name: Analog Electronic Circuits Lab (CST)									
Course Code: 323421 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
Course Name: Data Structure and Algorithms (CST)									
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
Course Name: Digital Electronics (CST)									
Course Code: 343412 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
Course Name: IT Workshop (Sci Lab/Octave/MATLAB) (CST)									
Course Code: 343413 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
Course Name: Data Structure and Algorithms Lab (CST)									
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
Course Name: Digital Electronics Lab (CST)									
Course Code: 343422 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
Course Name: IT Workshop (Sci Lab/MATLAB) Lab (CST)									
Course Code: 343423 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: 8, Max Courses: 9, Min: 0, Max: 650, Total Credits: 22.00

The courses under Sem IV are as follows:

Course Name: Computer Organization and Architecture (CST)									
Course Code: 423411 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
Course Name: Computer Organization and Architecture Lab (CST)									
Course Code: 423421 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
Course Name: Management 1 Finance and Accounting (CST)									
Course Code: 433411 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
Course Name: Discrete Mathematics (CST)									
Course Code: 443411 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
Course Name: Operating System (CST)									
Course Code: 443412 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
Course Name: Design and Analysis of Algorithms (CST)									
Course Code: 443413 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
Course Name: Operating Systems Lab (CST)									
Course Code: 443422 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
Course Name: Design and Analysis of Algorithms Lab (CST)									
Course Code: 443423 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
Course Name: Constitution of India (CST)									
Course Code: 483451 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

Program Part: TY Separate Passing Head: No, Min: 0, Max: 1350, Total Credits: 42.00

Term: Sem V Separate Passing Head: No, Min Courses: 11, Max Courses: 11, Min: 0, Max: 675, Total Credits: 20.00

The courses under Sem V are as follows:

Course Name: Signals and Systems									
Course Code: 520311 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
Course Name: Signals and Systems Lab									
Course Code: 520321 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
Course Name: Formal Language and Automata Theory									
Course Code: 540312 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
Course Name: Formal Language and Automata Theory Lab									
Course Code: 540322 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
Course Name: Database Management Systems									
Course Code: 543411 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
Course Name: Object-Oriented Programming									
Course Code: 543413 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
Course Name: Database Management Systems Lab									
Course Code: 543421 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
Course Name: Object-Oriented Programming Lab									
Course Code: 543423 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
Course Name: Software Engineering									
Course Code: 553411 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
Course Name: Software Engineering Lab									
Course Code: 553421 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

Course Name: Essence Of Indian Knowledge Tradition									
Course Code: 580011 Min: 0 Max: 50									
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
Practicals	0	0.00/0	Practical /Viva	-	50	EXT	10	25	Marks System
						INT	10	25	Marks System

Term: Sem VI Separate Passing Head: No, Min Courses: 11, Max Courses: 11, Min: 0, Max: 675, Total Credits: 22.00

The courses under Sem VI are as follows:

Course Name: Compiler Design									
Course Code: 640311 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
Course Name: Compiler Design Lab									
Course Code: 640321 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
Course Name: Computer Networks									
Course Code: 643412 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
Course Name: Computer Networks Lab									
Course Code: 643422 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
Course Name: Artificial Intelligence									
Course Code: 653411 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
Course Name: Web Data Mining									
Course Code: 653412 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
Course Name: Multi-Agent Intelligent									
Course Code: 653413 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
Course Name: Neural Network and Deep Learning									
Course Code: 653414 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

Course Name: Soft Computing									
Course Code: 653415 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
Course Name: Optimization Techniques									
Course Code: 653416 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
Course Name: Artificial Intelligence Lab									
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
Course Name: Web Data Mining Lab									
Course Code: 653422 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
Course Name: Multi-Agent Intelligent Lab									
Course Code: 653423 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
Course Name: Neural Network and Deep Learning Lab									
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
Course Name: Soft Computing Lab									
Course Code: 653425 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
Course Name: Optimization Techniques Lab									
Course Code: 653426 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
Course Name: Object Oriented Modeling and Design									
Course Code: 663411 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
Course Name: Introduction to Philosophical Thoughts									
Course Code: 663412 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
Course Name: Project-I									
Course Code: 670331 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

Course Name: UML With Java Lab									
Course Code: 673421 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

Program Part: Final Year Separate Passing Head: No, Min: 0, Max: 1225, Total Credits: 42.00

Term: Sem VII Separate Passing Head: No, Min Courses: 9, Max Courses: 9, Min: 0, Max: 675, Total Credits: 22.00

The courses under Sem VII are as follows:

Course Name: Humanities II (Technical Communication and Professional Ethics)									
Course Code: 733411 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
Course Name: Game Theory									
Course Code: 740311 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
Course Name: Cryptographic and Network Security									
Course Code: 753411 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
Course Name: Human Computer Interaction									
Course Code: 753412 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
Course Name: Quantum Computing									
Course Code: 753413 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
Course Name: Cloud Computing									
Course Code: 753414 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
Course Name: Parallel and Distributed Algorithm									
Course Code: 753415 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
Course Name: Computational Data Analytics									
Course Code: 753416 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

Course Name: Ad-Hoc Sensor Network									
Course Code: 753417 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
Course Name: Cryptographic and Network Security Lab									
Course Code: 753421 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	25	25	Marks System
Course Name: Human Computer Interaction Lab									
Course Code: 753422 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	25	25	Marks System
Course Name: Quantum Computing Lab									
Course Code: 753423 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	25	25	Marks System
Course Name: Cloud Computing Lab									
Course Code: 753424 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	25	25	Marks System
Course Name: Parallel and Distributed Algorithm Lab									
Course Code: 753425 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	25	25	Marks System
Course Name: Data Analytics Lab									
Course Code: 753426 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	25	25	Marks System
Course Name: Ad-Hoc Sensor Network Lab									
Course Code: 753427 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	25	25	Marks System
Course Name: Project -II									
Course Code: 770331 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	4	4.00/4.00	Practical /Viva	-	100	EXT	20	50	Marks System
						INT	20	50	Marks System

Term: Sem VIII Separate Passing Head: No, Min Courses: 3, Max Courses: 3, Min: 0, Max: 550, Total Credits: 20.00

The courses under Sem VIII are as follows:

Course Name: Economic Policies in India									
Course Code: 860311 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	0	0.00/0	Practical /Viva	-	50	EXT	10	25	Marks System
						INT	10	25	Marks System

Course Name: Cyber Law and Ethics									
Course Code: 863411 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	0	0.00/0	Practical /Viva	-	50	EXT	10	25	Marks System
						INT	10	25	Marks System
Course Name: Project -III									
Course Code: 870331 Min: 0 Max: 400									
<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	16	16.00/16.00	Practical /Viva	-	400	EXT	80	200	Marks System
						INT	80	200	Marks System
Course Name: Internship									
Course Code: 870361 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	4	4.00/4.00	Practical /Viva	-	100	EXT	20	50	Marks System
						INT	20	50	Marks System