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)
Electronics
Program Code: -

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

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

Course Name: Mathematics-I
Course Code: 110012 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

Course Name: Applied Science Lab
Course Code: 110021 Min: 0 Max: 50

TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
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

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

Course Name: Engineering Graphics and Design
Course Code: 120012 Min: 0 Max: 25

TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
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

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: Engineering Graphics and Design Lab
Course Code: 120022 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

Course Name: Induction Programme
Course Code: 180051 Min: 0 Max: 100

TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
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

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

Course Name: Mathematics-II
Course Code: 210012 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

Course Name: Applied Science Lab
Course Code: 210021 Min: 0 Max: 50

TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
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

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: Workshop/Manufacturing Practices
Course Code: 220012 Min: 0 Max: 25

TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
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

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

Course Name: Workshop/Manufacturing Practices Lab
Course Code: 220022 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

Course Name: English
Course Code: 230011 Min: 0 Max: 50

TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
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

TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
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

TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
Lecture	2	0.00/0	Theory	-	50	EXT	20	50	Marks System

Program Part: SY   Separate Passing Head: No, Min: 0, Max: 1500, Total Credits: 41.00

Term: Sem III Separate Passing Head: No, Min Courses: 10, Max Courses: 10, Min: 0, Max: 750, Total Credits: 19.00

The courses under Sem III are as follows:

Course Name: Applied Mathematics (EE)
Course Code: 311211 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

Course Name: Economics for Engineer (EE)
Course Code: 331211 Min: 0 Max: 50

TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
Lecture	1	0.00/0.00	Theory	-	50	INT	20	50	Marks System

Course Name: Women Law (EE)
Course Code: 331212 Min: 0 Max: 50

TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
Lecture	1	1.00/1.00	Theory	-	50	INT	20	50	Marks System

Course Name: Electronic Devices (EE)
Course Code: 341211 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: Digital System Design (EE)
Course Code: 341212 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: Signals and System (EE)
Course Code: 341213 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 Architecture (EE)
Course Code: 341214 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: Electronic Devices Lab (EE)
Course Code: 341221 Min: 0 Max: 50

TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
Practicals	1	1.00/1.00	Practical/Viva	-	50	EXT	10	25	Marks System
						INT	10	25	Marks System

Course Name: Digital System Design Lab (EE)
Course Code: 341222 Min: 0 Max: 50

TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
Practicals	1	1.00/1.00	Practical/Viva	-	50	EXT	10	25	Marks System
						INT	10	25	Marks System

Course Name: Constitutions of India (EE)
Course Code: 381251 Min: 0 Max: 50

TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
Lecture	2	2.00/2.00	Theory	-	50	EXT	10	25	Marks System
						INT	10	25	Marks System

Course Name: Data Structure and Algorithms Lab (EE)
Course Code: 391221 Min: 0 Max: 50

TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
Practicals	1	1.00/1.00	Practical /Viva	-	50	EXT	10	25	Marks System
						INT	10	25	Marks System

Term: Sem IV Separate Passing Head: No, Min Courses: 10, Max Courses: 10, Min: 0, Max: 750, Total Credits: 22.00

The courses under Sem IV are as follows:

Course Name: Creating and Managing IPR/Patenting (EE)
Course Code: 431211 Min: 0 Max: 50

TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
Lecture	2	2.00/2.00	Theory	-	50	EXT	10	25	Marks System
						INT	10	25	Marks System

Course Name: Professional Ethics (EE)
Course Code: 431212 Min: 0 Max: 50

TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
Lecture	2	2.00/2.00	Theory	-	50	EXT	10	25	Marks System
						INT	10	25	Marks System

Course Name: Critical Thinking (EE)
Course Code: 431213 Min: 0 Max: 50

TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
Lecture	2	2.00/2.00	Theory	-	50	EXT	10	25	Marks System
						INT	10	25	Marks System

Course Name: Fundamentals of Management for Engineers (EE)
Course Code: 431214 Min: 0 Max: 50

TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
Lecture	2	2.00/2.00	Theory	-	50	EXT	10	25	Marks System
						INT	10	25	Marks System

Course Name: Electromagnetic Waves (EE)
Course Code: 441211 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: Analog Circuits (EE)
Course Code: 441212 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: Microcontrollers (EE)
Course Code: 441213 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: Probability Theory and Stochastic Processes (EE)
Course Code: 441214 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: Network Theory (EE)
Course Code: 441215 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: Electromagnetic Waves Lab (EE)
Course Code: 441221 Min: 0 Max: 50

TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
Practicals	1	1.00/1.00	Practical/Viva	-	50	EXT	10	25	Marks System
						INT	10	25	Marks System

Course Name: Analog Circuits Lab (EE)
Course Code: 441222 Min: 0 Max: 50

TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
Practicals	1	1.00/1.00	Practical/Viva	-	50	EXT	10	25	Marks System
						INT	10	25	Marks System

Course Name: Microcontrolles Lab (EE)
Course Code: 441223 Min: 0 Max: 50

TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
Lecture	1	1.00/1.00	Theory	-	50	EXT	10	25	Marks System
						INT	10	25	Marks System

Course Name: Object Oriented Programming (EE)
Course Code: 491221 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	INT	20	50	Marks System

Program Part: TY   Separate Passing Head: No, Min: 0, Max: 1500, Total Credits: 42.00

Term: Sem V Separate Passing Head: No, Min Courses: 11, Max Courses: 11, Min: 0, Max: 750, Total Credits: 20.00

The courses under Sem V are as follows:

Course Name: Effective Technical Communication
Course Code: 531211 Min: 0 Max: 50

TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
Lecture	3	3.00/3.00	Theory	-	50	EXT	20	50	Marks System

Course Name: Effective Technical Communication Lab
Course Code: 531221 Min: 0 Max: 50

TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
Practicals	1	1.00/1.00	Practical/Viva	-	50	INT	20	50	Marks System

Course Name: Analog and Digital Communications
Course Code: 541211 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: Digital Signal Processing
Course Code: 541212 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: Control Systems
Course Code: 541213 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: Analog and Digital Communications Lab
Course Code: 541221 Min: 0 Max: 50

TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
Practicals	1	1.00/1.00	Practical/Viva	-	50	EXT	10	25	Marks System
						INT	10	25	Marks System

Course Name: Digital Signal Processing Lab
Course Code: 541222 Min: 0 Max: 50

TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
Practicals	1	1.00/1.00	Practical/Viva	-	50	EXT	10	25	Marks System
						INT	10	25	Marks System

Course Name: Electronics Measurement Lab
Course Code: 541223 Min: 0 Max: 50

TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
Practicals	1	1.00/1.00	Practical/Viva	-	50	EXT	10	25	Marks System
						INT	10	25	Marks System

Course Name: Speech and Audio Processing
Course Code: 550211 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: Scientific Computing
Course Code: 550212 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: Speech and Audio Processing Lab
Course Code: 550221 Min: 0 Max: 50

TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
Practicals	1	1.00/1.00	Practical/Viva	-	50	EXT	10	25	Marks System
						INT	10	25	Marks System

Course Name: Scientific Computing Lab
Course Code: 550222 Min: 0 Max: 50

TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
Practicals	1	1.00/1.00	Practical/Viva	-	50	EXT	10	25	Marks System
						INT	10	25	Marks System

Course Name: VLSI Design Lab
Course Code: 550223 Min: 0 Max: 50

TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
Practicals	1	1.00/1.00	Practical/Viva	-	50	EXT	10	25	Marks System
						INT	10	25	Marks System

Course Name: VLSI Design									
Course Code: 550313 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: Essence of Indian Traditional Knowledge									
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: 10, Max Courses: 10, Min: 0, Max: 750, Total Credits: 22.00

The courses under Sem VI are as follows:

Course Name: Power Electronics									
Course Code: 640211 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: VLSI									
Course Code: 640212 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: Power Electronics Lab									
Course Code: 640221 Min: 0 Max: 50									
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
Practicals	1	1.00/1.00	Practical /Viva	-	50	EXT	10	25	Marks System
						INT	10	25	Marks System
Course Name: VLSI Lab									
Course Code: 640222 Min: 0 Max: 50									
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
Practicals	1	1.00/1.00	Practical /Viva	-	50	EXT	10	25	Marks System
						INT	10	25	Marks System
Course Name: Introduction to Hybrid and Electrical Vehicles									
Course Code: 650211 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: CMOS Design									
Course Code: 650212 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: Antenna and Propagation									
Course Code: 660211 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: Information Theory and Coding									
Course Code: 660212 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: Radar									
Course Code: 660213 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: Wireless and Mobile Communication									
Course Code: 660214 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: Antenna and Propagation Lab									
Course Code: 660221 Min: 0 Max: 50									
TLM	*Hrs*	*Credits/Paper_Credit*	*AM*	*Min*	*Max*	*AT*	*Min*	*Max*	*Evaluation System*
Practicals	1	1.00/1.00	Practical /Viva	-	50	EXT	10	25	Marks System
						INT	10	25	Marks System

Course Name: Information Theory and Coding Lab									
Course Code: 660222 Min: 0 Max: 50									
TLM	*Hrs*	*Credits/Paper_Credit*	*AM*	*Min*	*Max*	*AT*	*Min*	*Max*	*Evaluation System*
Practicals	1	1.00/1.00	Practical /Viva	-	50	EXT	10	25	Marks System
						INT	10	25	Marks System

Course Name: Mini Project									
Course Code: 670231 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

Course Name: Web Technology Lab / Tutorial									
Course Code: 691221 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

Program Part: Final Year Separate Passing Head: No, Min: 0, Max: 1350, Total Credits: 41.00

Term: Sem VII Separate Passing Head: No, Min Courses: 9, Max Courses: 9, Min: 0, Max: 800, Total Credits: 22.00

The courses under Sem VII are as follows:

Course Name: Disaster Management									
Course Code: 731211 Min: 0 Max: 50									
TLM	*Hrs*	*Credits/Paper_Credit*	*AM*	*Min*	*Max*	*AT*	*Min*	*Max*	*Evaluation System*
Lecture	1	1.00/1.00	Theory	-	50	INT	20	50	Marks System

Course Name: Renewable Energy Sources									
Course Code: 750211 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: Consumer Electronics
Course Code: 750212 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: Robotics
Course Code: 750213 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: Mechatronics
Course Code: 750214 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: HDL
Course Code: 750215 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: Nano Electronics
Course Code: 750216 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: Cryptography
Course Code: 760211 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: Wirless Sensor Network
Course Code: 760212 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: Cyber Security and Forensic
Course Code: 760213 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: Cloud Computing
Course Code: 760214 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: Wirless Sensor Network Lab
Course Code: 760222 Min: 0 Max: 50

TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
Practicals	1	1.00/1.00	Practical/Viva	-	50	EXT	10	25	Marks System
						INT	10	25	Marks System

Course Name: Artificial Intelligence									
Course Code: 761211 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: Machine Learning									
Course Code: 761212 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: Machine Learning Lab									
Course Code: 761222 Min: 0 Max: 50									
TLM	*Hrs*	*Credits/Paper_Credit*	*AM*	*Min*	*Max*	*AT*	*Min*	*Max*	*Evaluation System*
Practicals	1	1.00/1.00	Practical /Viva	-	50	EXT	10	25	Marks System
						INT	10	25	Marks System

Course Name: Major Project-I									
Course Code: 770231 Min: 0 Max: 100									
TLM	*Hrs*	*Credits/Paper_Credit*	*AM*	*Min*	*Max*	*AT*	*Min*	*Max*	*Evaluation System*
Practicals	2	2.00/2.00	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: 19.00

The courses under Sem VIII are as follows:

Course Name: Design Thinking and Visualization									
Course Code: 821211 Min: 0 Max: 50									
TLM	*Hrs*	*Credits/Paper_Credit*	*AM*	*Min*	*Max*	*AT*	*Min*	*Max*	*Evaluation System*
Lecture	1	1.00/1.00	Theory	-	50	INT	20	50	Marks System

Course Name: Major Project-II									
Course Code: 870231 Min: 0 Max: 400									
TLM	*Hrs*	*Credits/Paper_Credit*	*AM*	*Min*	*Max*	*AT*	*Min*	*Max*	*Evaluation System*
Practicals	14	14.00/14.00	Practical /Viva	-	400	EXT	80	200	Marks System
						INT	80	200	Marks System

Course Name: Internship									
Course Code: 870261 Min: 0 Max: 100									
TLM	*Hrs*	*Credits/Paper_Credit*	*AM*	*Min*	*Max*	*AT*	*Min*	*Max*	*Evaluation System*
Practicals	4	4.00/4.00	Practical /Viva	-	100	EXT	20	50	Marks System
						INT	20	50	Marks System