

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 & Communication
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:

	-	plied Science (Physics 011 Min: 0 Max: 100	and Chem	istry)					
TLM	Hrs	Credits/Paper_Credit	AM	Min	Мах	AT	Min	Max	Evaluation System
I LIVI	1113	Oreans/r aper_Orean	AW	IVIIII	IVIAX	EXT	30	75	Marks System
Lecture	4	4.00/4.00	Theory	-	100	INT	10	25	Marks System
Course Nan	ne: Ma	thematics-I				IINI	10		Marks System
		012 Min: 0 Max: 100							
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
Lastina	4	4.00/4.00	Theory		100	EXT	30	75	Marks System
Lecture	4	4.00/4.00	Theory	-	100	INT	10	25	Marks System
	-	plied Science Lab 021 Min: 0 Max: 50							
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
D (')	4	4 50/4 50	Practical			EXT	10	25	Marks System
Practicals	1	1.50/1.50	/Viva	-	50	INT	10	25	Marks System
		sic Electrical Engineeri 011 Min: 0 Max: 100	ng						
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
Locturo	4	4.00/4.00	Thoon		100	EXT	30	75	Marks System
Lecture	4	4.00/4.00	Theory	1	100	INT	10	25	Marks System
		gineering Graphics and	l Design						
		012 Min: 0 Max: 25	AM	Min	Max	ΛT	Min	Max	Fugliation System
TLM	Hrs	Credits/Paper_Credit		Min	Max	AT	Min	Max	Evaluation System
Lecture Course Nan	ne: Ra	1.00/1.00 sic Electrical Engineeri	Theory	-	25	EXT	10	25	Marks System
		021 Min: 0 Max: 25	ilg Lab						
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
		gineering Graphics and	Design La	ab			•		
		022 Min: 0 Max: 50	444			4.7			o .
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
Practicals	2	2.00/2.00	Practical	-	50	EXT	10	25	Marks System
			/ viva			INT	10	25	Marks System
		uction Programme 051 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:

		plied Science (Physics	and Chem	nistry)					
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
		•				EXT	30	75	Marks System
Lecture	4	4.00/4.00	Theory	-	100	INT	10	25	Marks System
Course Nam	ne: Ma	thematics-II							mame eyetem
Course Code	e: 210	012 Min: 0 Max: 100							
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
		4.00/4.00			400	EXT	30	75	Marks System
Lecture	4	4.00/4.00	Theory	-	100	INT	10	25	Marks System
Course Nam	пе: Ар	plied Science Lab	Į.	Į.					-
Course Code	e: 210	021 Min: 0 Max: 50							
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
Duantinala	4	1.50/1.50	Practical		50	EXT	10	25	Marks System
Practicals	1	1.50/1.50	/Viva	-	50	INT	10	25	Marks System
Course Nam	ne: Pro	ogramming for Problem	Solving						
Course Code	e: 220	011 Min: 0 Max: 100	1						
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
Locturo	3	3.00/3.00	Thoony	_	100	EXT	30	75	Marks System
Lecture	3	3.00/3.00	Theory	_	100	INT	10	25	Marks System
		orkshop/Manufacturing 1012 Min: 0 Max: 25	Practices						
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
	ne: Pro	ogramming for Problem		ab					
Course Code	e: 220	021 Min: 0 Max: 50							
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
		0.00/0.00	Practical			EXT	10	25	Marks System
Practicals	2	2.00/2.00	/Viva	-	50	INT	10	25	Marks System
		orkshop/Manufacturing 1022 Min: 0 Max: 50	Practices I	Lab					
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
		•				EXT	10		Marks System
Practicals	2	2.00/2.00	Practical /Viva	-	50	INT	10	25	Marks System
Course Nam	ne: En	alish					.0		Marks Cystem
		011 Min: 0 Max: 50							
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
		•				EXT	16	40	Marks System
Lecture	2	2.00/2.00	Theory	-	50	INT	4	10	Marks System
Course Nam	ne: En	glish Practical	l				'		and ojotom
		021 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 Nam		vironmental Sciences	l	ı	I	I		<u> </u>	<u>I</u>
	ne: ⊨n	vii oi ii i lei itai ociei ices							
Course Code		011 Min: 0 Max: 50							
Course Code			AM	Min	Max	AT	Min	Мах	Evaluation 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 Nar	ne: Ap	plied Mathematics (EN	C)						
	-	211 Min: 0 Max: 100	-,						
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
		4.00/4.00			400	EXT	30	75	Marks System
Lecture	4	4.00/4.00	Theory	-	100	INT	10	25	Marks System
Course Nar	ne: Ec	onomics for Engineer (ENC)	Į.	!				
Course Coo	de: 331	211 Min: 0 Max: 50	1	1					T
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
		omen Law (ENC)							
	1	212 Min: 0 Max: 50							I = a .
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
		ectronic Devices (ENC) 211 Min: 0 Max: 100							
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
		0.00/0.00	- .		400	EXT	30	75	Marks System
Lecture	3	3.00/3.00	Theory	-	100	INT	10	25	Marks System
		gital System Design (El	VC)	ı	ı				-
Course Coo	de: 341	212 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
Lecture	3	3.00/3.00	THEOLY		100	INT	10	25	Marks System
	-	nals and System(ENC)						
		213 Min: 0 Max: 100							<u> </u>
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
		mputer Architecture (E 214 Min: 0 Max: 100	NC)						
			444	Min	Max	Λ <i>T</i>	Min	Max	Fuel vetien System
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
Osuma a Nam		atronia Davisaa Lah (5	(NO)			INT	10	25	Marks System
		ectronic Devices Lab (E 221 Min: 0 Max: 50	inc)						
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
Donati I		4.00/4.00	Practical		F.0	EXT	10	25	Marks System
Practicals	1	1.00/1.00	/Viva	-	50	INT	10	25	Marks System
	-	gital System Design Lal 222 Min: 0 Max: 50	b (ENC)	•	•				
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
	1.110	Greation aper_Orean			,,,ax	EXT	10	25	Marks System
Practicals	1	1.00/1.00	Practical /Viva	-	50	INT	10	25	Marks System
						1141	10	23	iviaiks System

Course Nan	Course Name: Constitutions of India (ENC)										
Course Cod	le: 381	251 Min: 0 Max: 50									
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System		
Lastuna	,	2 00/2 00	Theory		50	EXT	10	25	Marks System		
Lecture	2	2.00/2.00	Theory	_	30	INT	10	25	Marks System		
Course Nan	ne: Co	nstitutions of India (EN	C)(R)								
Course Cod	le: 381	251 Min: 0 Max: 50									
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System		
Duantianla	•	0.00/0	Practical		50	EXT	10	25	Marks System		
Practicals	0	0.00/0	/Viva	-	50	INT	10	25	Marks System		
Course Nan	ne: Da	ta Structure and Algorit	thms Lab (ENC)							
Course Cod	le: 391	221 Min: 0 Max: 50									
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System		
Dracticals	1	1.00/1.00	Practical		50	EXT	10	25	Marks System		
Practicals	1	1.00/1.00	/Viva	-	50	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 Nar	ne: Cro	eating and Managing IF	PR/Patentii	na (ENC	2)				
		211 Min: 0 Max: 50			-,				
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
1		2.00/2.00	Th		50	EXT	10	25	Marks System
Lecture	2	2.00/2.00	Theory	_	50	INT	10	25	Marks System
		ofessional Ethics (ENC)						
Course Coo	de: 431	212 Min: 0 Max: 50	·			1			
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
			Theory		00	INT	10	25	Marks System
		itical Thinking (ENC) 213 Min: 0 Max: 50							
TLM	Hrs	Credits/Paper Credit	AM	Min	Max	AT	Min	Max	Evaluation System
		, –				EXT	10	25	Marks System
Lecture	2	2.00/2.00	Theory	-	50	INT	10	25	-
Course Nar	ne: Fu	ndamentals of Manage	ment for E	ngineer	s (EN	C)			, , , , , , , , , , , , , , , , , , , ,
Course Coo	de: 431	214 Min: 0 Max: 50							
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
Lecture	2	2.00/2.00	Theony		50	EXT	10	25	Marks System
Lecture		2.00/2.00	Theory	_	30	INT	10	25	Marks System
		ectromagnetic Waves (I 211 Min: 0 Max: 100	ENC)						
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
, _,,,	1110	Greatist aper_Great	7		max	EXT	30	75	-
Lecture	3	3.00/3.00	Theory	-	100	INT	10	25	
Course Nar	ne: An	alog Circuits (ENC)		1			.0		Marks Cystom
		212 Min: 0 Max: 100							
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
		2.00/2.00	T I		400	EXT	30	75	Marks System
Lecture	3	3.00/3.00	Theory		100	INT	10	25	Marks System

		crocontroller (ENC)							
Course Coo	de: 441	213 Min: 0 Max: 100			1				
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
	Ţ		,			INT	10	25	Marks System
		obability Theory and St	ochastic P	rocesse	s (EN	C)			
		214 Min: 0 Max: 100	Г						T
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
			111001 y			INT	10	25	Marks System
		twork Theory (ENC)							
	de: 441	215 Min: 0 Max: 100	T	1					
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
					100	INT	10	25	Marks System
		ectromagnetic Waves L	ab (ENC)						
	de: 441	221 Min: 0 Max: 50	ı	1					
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
Practicals	1	1.00/1.00	Practical	_	50	EXT	10	25	Marks System
			/Viva			INT	10	25	Marks System
		alog Circuits Lab (ENC	()						
Course Coo	de: 441	222 Min: 0 Max: 50	T	1					
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
Practicals	1	1.00/1.00	Practical	_	50	EXT	10	25	Marks System
			/Viva			INT	10	25	Marks System
		crocontroller Lab (ENC))						
Course Coo	de: 441	223 Min: 0 Max: 50		1					1
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
					- 50	INT	10	25	Marks System
		ject Oriented Programi 221 Min: 0 Max: 50	ming (ENC)					
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: 1550, Total Credits: 48.00

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 Nan	ne: Eff	ective Technical Comm	nunication									
Course Coo	le: 531	211 Min: 0 Max: 50										
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System			
Lecture												
Course Nan	Course Name: Effective Technical Communication Lab											
Course Coo	le: 531	221 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			

		alog and Digital Comm 211 Min: 0 Max: 100	unications						
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
72,11	7.70	Oreans/r aper_Orean	7.007		max	EXT	30	75	Marks System
Lecture	3	3.00/3.00	Theory	-	100	INT	10	25	Marks System
Course Nar	ne: Did	gital Signal Processing					.0		Warks Cystem
		212 Min: 0 Max: 100							
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
14	•	2 00/2 00	Tl		100	EXT	30	75	Marks System
Lecture	3	3.00/3.00	Theory	_	100	INT	10	25	Marks System
		ntrol Systems							
	le: 541	213 Min: 0 Max: 100	T		ı				I
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
		alog and Digital Comm 221 Min: 0 Max: 50	unications	Lab					
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
Practicals	1	1.00/1.00	Practical		50	EXT	10	25	Marks System
Practicals	ı	1.00/1.00	/Viva	-	30	INT	10	25	Marks System
		nital Signal Processing 222 Min: 0 Max: 50	Lab						
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
D (')	4	4 00/4 00	Practical			EXT	10	25	Marks System
Practicals	1	1.00/1.00	/Viva	-	50	INT	10	25	Marks System
		ectronics Measurement 223 Min: 0 Max: 50	Lab						
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
			Practical			EXT	10	25	Marks System
Practicals	1	1.00/1.00	/Viva	-	50	INT	10	25	Marks System
Course Nar	ne: Em	nbedded System							
Course Coo	le: 550	111 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
			Tricory		100	INT	10	25	Marks System
		nbedded System Lab							
		0121 Min: 0 Max: 50	A 8 4	ΛΔ:	1/	1	Λ <i>Λ:-</i>	11	Evaluation Contains
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	
Course No	no. Fa	oonoo of Indian Traditis		oda-		INT	10	25	Marks System
		sence of Indian Tradition 011 Min: 0 Max: 50	niai Kilowi	euge 					
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
Practicals	0	0.00/0	Practical	_	50	EXT	10	25	Marks System
i racticals	U	0.00/0	/Viva		30	INT	10	25	Marks System

Term: Sem VI Separate Passing Head: No, Min Courses: 11, Max Courses: 11, Min: 0, Max: 800, Total

Credits: 28.00

The courses under Sem VI are as follows:

		mputer Network							
TLM		0111 Min: 0 Max: 100	444	Min	Max	AT	Min	Max	Evaluation System
I LIVI	Hrs	Credits/Paper_Credit	AM	IVIIII	iviax	EXT			Evaluation System
Lecture	3	3.00/3.00	Theory	-	100		30	75	Marks System
Course Nar	ne: Co	mputer Network Lab				INT	10	25	Marks System
		1121 Min: 0 Max: 50							
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
			Practical			EXT	10	25	Marks System
Practicals	1	1.00/1.00	/Viva	-	50	INT	10	25	Marks System
Course Nar	ne: Mic	crowave Theory and T	echniques						,
	de: 650	111 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
	•	eech and Audio Proces 1112 Min: 0 Max: 100	ssing						
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
						EXT	30	75	Marks System
Lecture	3	3.00/3.00	Theory	-	100	INT	10	25	Marks System
Course Nar	ne: Sc	ientific Computing					. •		mante dyetem
Course Coo	de: 650	113 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
			THEOTY		100	INT	10	25	Marks System
Course Nar		-							
TLM	Hrs	0114 Min: 0 Max: 100	AM	Min	Max	AT	Min	Max	Evaluation System
I LIVI	ПІЗ	Credits/Paper_Credit	AIVI	IVIIII	iviax	EXT	30		Evaluation System
Lecture	3	3.00/3.00	Theory	-	100	INT	10	75 25	Marks System
Course Nar	ne: Da	tabase Management				IIN I	10	25	Marks System
		111 Min: 0 Max: 100							
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
Lastura	,	2 00/2 00	Theory		100	EXT	30	75	Marks System
Lecture	3	3.00/3.00	Theory	-	100	INT	10	25	Marks System
		vance Programming							
		112 Min: 0 Max: 100	444			4.7			
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
Course Nor	no. Inte	ernet Of Things				INT	10	25	Marks System
		0113 Min: 0 Max: 100							
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
						EXT	30	75	Marks System
Lecture	3	3.00/3.00	Theory	-	100	INT	10	25	Marks System
Course Nar			L						
		114 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
		2.00,0.00	55. y		.50	INT	10	25	Marks System

Course Nan	ne: Da	tabase Management La	ab						
		121 Min: 0 Max: 50							
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
D	4	1 00/1 00	Practical		E0	EXT	10	25	Marks System
Practicals	1	1.00/1.00	/Viva	-	50	INT	10	25	Marks System
		vance Programming La	ıb						
Course Cod	le: 660	122 Min: 0 Max: 50			ı				
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
Practicals	1	1.00/1.00	Practical	_	50	EXT	10	25	Marks System
			/Viva			INT	10	25	Marks System
		ernet Of Things Lab							
Course Cod	le: 660	123 Min: 0 Max: 50							
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
Practicals	2	1.00/1.00	Practical	_	50	EXT	10	25	Marks System
			/Viva		30	INT	10	25	Marks System
Course Nan									
Course Cod	le: 660	124 Min: 0 Max: 50							
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
Practicals	2	1.00/1.00	Practical	_	50	EXT	10	25	Marks System
			/Viva		30	INT	10	25	Marks System
Course Nan		-							
Course Cod	le: 670	131 Min: 0 Max: 50							
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
Practicals	2	2.00/2.00	Practical	_	50	EXT	10	25	Marks System
			/Viva		30	INT	10	25	Marks System
		nours Subject							
Course Cod	le: 691	2 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
	,				100	INT	10	25	Marks System
		eb Technology Lab / Tu	torial						
		221 Min: 0 Max: 50							
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
Practicals	2	2.00/2.00	Practical	_	50	EXT	10	25	Marks System
		2.0072.00	/Viva			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: 11, Max Courses: 11, Min: 0, Max: 850, Total

Credits: 22.00

The courses under Sem VII are as follows:

Course Nar	Course Name: Disaster Management											
		211 Min: 0 Max: 50										
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System			
Lecture	cture 1 1.00/1.00 Theory - 50 INT 20 50 Marks System											
Course Nar	ourse Name: Information Theory and Coding											
Course Coo	ourse Code: 750111 Min: 0 Max: 100											
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System			
14		2 00/2 00	TI		100	EXT	30	75	Marks System			
Lecture	3	3.00/3.00	Theory	-	100	INT	10	25	Marks System			

TLM	Hrs	Credite/Paper Credit	AM	Min	Max	AT	Min	Max	Evaluation System
I LIVI	піз	Credits/Paper_Credit	AIVI	IVIIII	IVIAX	EXT	30		
Lecture	3	3.00/3.00	Theory	-	100	INT	10	75 25	Marks System
Course Nar	ne: Fih	er Optic Communication) n			IIN I	10		Marks System
		113 Min: 0 Max: 100	,,,						
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
		2.00/0.00	- .		400	EXT	30	75	Marks System
Lecture	3	3.00/3.00	Theory	-	100	INT	10	25	Marks System
		ormation Theory and C	oding Tuto	rial	•				
		121 Min: 0 Max: 50			I				Г
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
Course Nor	no: Ma	bile Communication ar	,	.		INT	10	25	Marks System
		1122 Min: 0 Max: 50	iu won La	ıD					
TLM	Hrs	Credits/Paper Credit	AM	Min	Max	AT	Min	Max	Evaluation Systen
		, –	Practical			EXT	10	25	Marks System
Practicals	1	1.00/1.00	/Viva	-	50	INT	10	25	Marks System
Course Nar	ne: Co	mputer Vision							· · · · · ·
Course Coo	de: 760	111 Min: 0 Max: 100							
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation Systen
Lecture	3	3.00/3.00	Theory	_	100	EXT	30	75	Marks System
	Ĭ		Tricory			INT	10	25	Marks System
		bile Robotics							
TLM	Hrs	112 Min: 0 Max: 100 Credits/Paper Credit	AM	Min	Max	AT	Min	Max	Evaluation Systen
I LIVI	1113	Credits/Faper_Credit	Alvi	IVIIII	IVIAX	EXT	30	75	Marks System
Lecture	3	3.00/3.00	Theory	-	100	INT	10	25	Marks System
Course Nar	ne: Bio	Data Analysis					10		Marks Oystern
		113 Min: 0 Max: 100							
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation Systen
Lastura	,	2 00/2 00	Theory		100	EXT	30	75	Marks System
Lecture	3	3.00/3.00	Theory	-	100	INT	10	25	Marks System
	-	bersecurity and Forens	sic						
		114 Min: 0 Max: 100							<u> </u>
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation Systen
Lecture	3	3.00/3.00	Theory	-	100	EXT	30	75	Marks System
Course Nor	no: Co	mputer Vision Lab	_			INT	10	25	Marks System
		121 Min: 0 Max: 50							
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation Systen
		-				EXT	10	25	Marks System
Practicals	1	1.00/1.00	Practical /Viva	-	50	INT	10	25	Marks System
Course Nar	ne: Mo	bile Robotics Lab	I						· · · · · · · · · · · · · · · · · · ·
Course Coo	de: 760	122 Min: 0 Max: 50							
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation Systen
	1		l	1	I	LEVE	ا مد ا	0.5	1
Practicals	1	1.00/1.00	Practical /Viva	_	50	EXT	10	25	Marks System

Course Nar	ne: Ric	ı Data Analysis Lab								
	_	123 Min: 0 Max: 50								
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System	
Practicals		1.00/1.00	Practical /Viva	-	50	EXT	10	25	Marks System	
	1					INT	10	25	Marks System	
	•	bersecurity and Forens	ic Lab				•			
Course Coo	de: 760	124 Min: 0 Max: 50								
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System	
Practicals	1	1.00/1.00	Practical	_	50	EXT	10	25	Marks System	
			/Viva			INT	10	25	Marks System	
Course Name: Artificial Intelligence Course Code: 761211 Min: 0 Max: 100										
						4.7				
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										
		212 Min: 0 Max: 100							T	
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System	
Lecture	3		Theory	-	100	EXT	30	75	Marks System	
						INT	10	25	Marks System	
	Course Name: Artificial Intelligence Lab Course Code: 761221 Min: 0 Max: 50									
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System	
		4.00/4.00	Practical			EXT	10	25	Marks System	
Practicals	1	1.00/1.00	/Viva	-	50	INT	10	25	Marks System	
		chine Learning Lab 222 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: 770131 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	
riacticals						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: 870131 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	ı	400	EXT	80	200	Marks System
						INT	80	200	Marks System

Course Name: Internship									
Course Code: 870161 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
		4.00/4.00				INT	20	50	Marks System