

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)
Information 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)										
		011 Min: 0 Max: 100							I	
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	
			1110019			INT	10	25	Marks System	
Course Nar										
		012 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	
			1110019			INT	10	25	Marks System	
	-	plied Science Lab 1021 Min: 0 Max: 50								
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System	
.	,	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 0011 Min: 0 Max: 100	ng				-			
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System	
Lastona		4.00/4.00	Th		400	EXT	30	75	Marks System	
Lecture	4	4.00/4.00	Theory	-	100	INT	10	25	Marks System	
		gineering Graphics and 0012 Min: 0 Max: 25	Design							
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	
		sic Electrical Engineeri 0021 Min: 0 Max: 25	ng 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 0022 Min: 0 Max: 50	Design La	ab						
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System	
		2.00/2.00	Practical			EXT	10	25	Marks System	
Practicals	2	2.00/2.00	/Viva	-	50	INT	10	25	Marks System	
		luction 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:

	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			
		•				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: 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:

		thematics-III (Probabili	ty and Stat	istics) ((IT)						
		3411 Min: 0 Max: 50				I			T		
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System		
Lecture	2	2.00/2.00	Theory	-	50	EXT	20	50	Marks System		
		alog Electronics Circuit	s(IT)								
		3411 Min: 0 Max: 100			1				ı		
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		
		alogElectronic Circuits 3421 Min: 0 Max: 50	Lab (IT)								
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System		
	_	•	Practical			EXT	10	25	Marks System		
Practicals	2	2.00/2.00	/Viva	-	50	INT	10	25	Marks System		
Course Nar	ne: Da	ta Structure and Algori	thms (IT)								
Course Coo	de: 343	3411 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		
			THEOLY	_	100	INT	10	25	Marks System		
Course Name: Digital Electronics (IT)											
		3412 Min: 0 Max: 100				ı			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		
			•			INT	10	25	Marks System		
		Workshop (Sci Lab/Oct 3413 Min: 0 Max: 25	ave/MATL	AB) (II)						
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		
		ta Structure and Algori	thms Lab (IT)							
Course Coo	de: 343	3421 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			INT	10	25	Marks System		
		gital Electronics Lab (IT 3422 Min: 0 Max: 50)								
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Мах	Evaluation System		
D (: .	_	0.00/0.00	Practical			EXT	10	25	Marks System		
Practicals	2	2.00/2.00	/Viva		50	INT	10	25	Marks System		
		Workshop (Sci Lab/MA 3423 Min: 0 Max: 50	TLAB) Lab	(IT)							
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System		
		•	Practical			EXT	10	25	Marks System		
Practicals	2	2.00/2.00	/Viva	-	50	INT	10	25	Marks System		
	L	l .			L	L			,		

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:

		mputer Organization a	nd Archited	ture (I7	Γ)				
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
		mputer Organization a	nd Archited	ture La	b (IT)				
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
	7.1.0	Greater aper_orean			max	EXT	10	25	Marks System
Practicals	2	2.00/2.00	Practical /Viva	-	50	INT	10	25	-
Course Nar	ne: Ma	nagement 1 Finance a	nd Accoun	tina (IT)		.0		Marko Gyotom
		3411 Min: 0 Max: 100			,				
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
		2 00/2 00	- .		400	EXT	30	75	Marks System
Lecture	3	3.00/3.00	Theory	-	100	INT	10	25	Marks System
		screte Mathematics (IT) 3411 Min: 0 Max: 100			•				
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
	-	erating System (IT) 3412 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
		sign and Analysis of Al 3413 Min: 0 Max: 100	gorithms (I	T)	•				
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
	-	erating Systems Lab (I 3422 Min: 0 Max: 50	T)		•				-
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
5	_	0.00/0.00	Practical			EXT	10	25	Marks System
Practicals	2	2.00/2.00	/Viva	-	50	INT	10	25	Marks System
		sign and Analysis of Al 3423 Min: 0 Max: 50	gorithms L	ab (IT)	ı				,
TLM	Hrs		AM	Min	Max	AT	Min	Max	Evaluation System
I LIVI	1115	Credits/Paper_Credit		IVIIII	iviax		10		,
Practicals	2	2.00/2.00	Practical /Viva	-	50	INT	10	25	Marks System
Course Nan	ne: Co	nstitution of India (IT)				IINI	10	25	Marks System
		3451 Min: 0 Max: 50							
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
Described to	_	0.00/0.00	Practical			EXT	10	25	Marks System
Practicals	2	2.00/2.00	/Viva	-	50	INT	10	25	-

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:

		gital Signal Processing							
Course Coo	le: 520	411 Min: 0 Max: 100							
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
Lastura	2	3.00/3.00	Thooni		100	EXT	30	75	Marks System
Lecture	3	3.00/3.00	Theory	_	100	INT	10	25	Marks System
Course Nar	ne: Dig	gital Signal Processing	Lab						
Course Coo	le: 520	421 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
		gital Image and Video F	Processing						
		412 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
		gital Image and Video F	Processing	Lab					
		422 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
		tabase Management S	ystems						
		3411 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
		ject Oriented Program 3413 Min: 0 Max: 100	ming						
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
		tabase Management S 3421 Min: 0 Max: 25	ystems La	b					
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	
	ne. Oh	l ject Oriented Programr	, , , , , ,						
		3423 Min: 0 Max: 25	illig 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
Course Nan	ne: So	l ftware Engineering	, v i v a						<u> </u>
		3411 Min: 0 Max: 100							
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
		- F =				EXT	30	75	Marks System
Lecture	3	3.00/3.00	Theory	-	100	INT	10	25	Marks System
Course Nan	ne: So	l ftware Engineering Lab)				10		Marks Oystelli
		3421 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: Essence of Indian Knowledge Tradition Course Code: 580011 Min: 0 Max: 50												
TLM	Hrs	Hrs Credits/Paper_Credit AM Min Max AT Min Max Evaluation System										
Dunationla		0.00/0	Practical		50	EXT	10	25	Marks System			
Practicals	0	0.00/0	Practical /Viva	-	50	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 Nor	no: Ma	achine Learning									
		0411 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	ne: Ma	chine Learning Lab			•						
Course Coo	de: 640)421 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 Nar	ne: Co	mputer Networks			•						
Course Code: 643412 Min: 0 Max: 100											
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System		
Lastura	,	3.00/3.00	Theone		100	EXT	30	75	Marks System		
Lecture	3	3.00/3.00	Theory	-	100	INT	10	25	Marks System		
Course Nar	ne: Co	mputer Networks Lab									
Course Coo	de: 643	3422 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	1	25	EXT	10	25	Marks System		
		ernet of Things									
Course Coo	de: 650)411 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		
Lecture	3	3.00/3.00	THEOLY		100	INT	10	25	Marks System		
		ernet of Things Lab									
Course Coo	de: 650)421 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		
		ificial Intelligence									
Course Coo	de: 653	3411 Min: 0 Max: 100			ı	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		
			THEOTY		100	INT	10	25	Marks System		
		eb Data Mining 3412 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		
		l			L						

0	14.	.ld:							
		ulti-agent Intelligence 3413 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	ne: So	ft Computing							
Course Coo	de: 653	3415 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
			1110019			INT	10	25	Marks System
	-	otimization Techniques 3416 Min: 0 Max: 100							
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
I LIVI	1113	Credits/Faper_Credit	AIVI	IVIIII	IVIAX	EXT	30	75	Marks System
Lecture	3	3.00/3.00	Theory	-	100	INT	10	25	Marks System
Course Nar	ne: Arl	ificial Intelligence Lab				1141	10	20	Marks System
		3421 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 Nar	ne: We	eb Data Mining Lab	!	Į.	Į.	Į.			l
		3422 Min: 0 Max: 25	Г	1		1			
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
		ılti-agent Intelligence La 3423 Min: 0 Max: 25	ab						
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
		•	Practical	101111					
Practicals	1	1.00/1.00	/Viva	-	25	INT	10	25	Marks System
		ft Computing Lab 3425 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 Nar	ne: Op	timization Techniques	Lab	Į.	!	l			
Course Coo	de: 653	3426 Min: 0 Max: 25	•	1		1			
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
		o <mark>ject Oriented Modeling</mark> 3411 Min: 0 Max: 100	and Desig	jn .					
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
	_	•			400	EXT	30	75	Marks System
Lecture	3	3.00/3.00	Theory	-	100	INT	10	25	Marks System
		roduction to Philosophi	cal Though	nts		•			
		3412 Min: 0 Max: 100	A 8 4	A 4:	1.4	4.7	A 4:	A 4 =	Final maticia Const
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 Nar	Course Name: Project I										
Course Coo	le: 670	1431 Min: 0 Max: 50									
TLM	- Crounter aper_crount										
Dunations	,	2.00/2.00	Practical /Viva		50	EXT	10	25	Marks System		
Practicals	2	2.00/2.00	/Viva	-	50	INT	10	25	Marks System		
Course Nan	ne: UN	/L with Java Lab									
Course Coo	le: 673	3421 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		

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)											
		3411 Min: 0 Max: 100						- ,			
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System		
	•	2 00/2 00			400	EXT	30	75	Marks System		
Lecture	3	3.00/3.00	Theory	-	100	INT	10	25	Marks System		
	-	gital Marketing					'				
Course Cod	e: 740)411 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		
			THEOLY		100	INT	10	25	Marks System		
		terprise Architecture									
Course Cod	e: 750	411 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		
	_		,		100	INT	10	25	Marks System		
Course Name: High Performance Computing											
	e: 750	412 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		
			,		100	INT	10	25	Marks System		
		terprise Architecture La 1421 Min: 0 Max: 25	ab								
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 Nan	ne: Hig	h Performance Compu	iting Lab								
Course Cod	e: 750)422 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		
		yptographic and Netwo	rk Security					· ·			
Course Cod	e: 753	411 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		
Lociule	3	0.00/0.00	THEOLY		.00	INT	10	25	Marks System		

		man Computer Interac 3412 Min: 0 Max: 100	tion						
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
	_				400	EXT	30	75	Marks System
Lecture	3	3.00/3.00	Theory	-	100	INT	10	25	Marks System
		antum Computing		I					
	de: 753	413 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
		oud Computing 3414 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
		rallel and Distributed A	lgorithm	I					•
	de: 753	3415 Min: 0 Max: 100	T	I					Γ
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
		mputational Data Analy 3416 Min: 0 Max: 100	/tics						
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
Lastina	,	2 00/2 00	Theory		100	EXT	30	75	Marks System
Lecture	3	3.00/3.00	Theory	-	100	INT	10	25	Marks System
		-Hoc Sensor Network 3417 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
		yptographic and Netwo 3421 Min: 0 Max: 25	rk Security	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
Course Nar	ı ne: Hu	man Computer Interac							
		3422 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 Nar	ne: Qu	antum Computing Lab							
Course Coo	de: 753	3423 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
		oud Computing Lab							
		3424 Min: 0 Max: 25				4-			
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: Parallel and Distributed Algorithm Lab											
Course Coo	le: 753	3425 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 Nar	ne: Da	ta Analytics Lab									
Course Code: 753426 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 Nar	ne: Ad	-Hoc Sensor Network L	_ab	•	•						
Course Coo	le: 753	3427 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 Nar	ne: Pro	oject -II									
Course Coo	de: 770	0431 Min: 0 Max: 100									
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System		
Dunationla		4.00/4.00	Practical		100	EXT	20	50	Marks System		
Practicals	4	4.00/4.00	/Viva	-	100	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: Geospatial Data Processing Technologies									
Course Code: 860411 Min: 0 Max: 50									
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
Practicals	0	0.00/0	Practical /Viva	ı	50	EXT	10	25	Marks System
						INT	10	25	Marks System
Course Name: Cyber Law and Ethics									
Course Code: 863411 Min: 0 Max: 50									
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
Practicals	0	0.00/0	Practical /Viva	ı	50	EXT	10	25	Marks System
						INT	10	25	Marks System
Course Name: Project -III									
Course Code: 870431 Min: 0 Max: 400									
TLM	Hrs	Credits/Paper_Credit	AM	Min	Max	AT	Min	Max	Evaluation System
Practicals	16	16.00/16.00	Practical /Viva	-	400	EXT	80	200	Marks System
						INT	80	200	Marks System
Course Name: Internship									
Course Code: 870461 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