Scheme of Examination

(With Effective from Academic Session 2019-20 onwards)

PROGRAMME: Master of Technology

BRANCH: Electronics and Communication Engineering Specialization: Digital Communication SEMESTER: I

	Liced office and communication Engineering							1 . A 11 . 44				BEIVE			
					Max	amu	m Mai	rks Allott	ea		TD.		rx		
				Theory Slot Practical Slot								ching l er We			
								Term Work			TOT TOTAL			ts	
	Subject				ent			•		rks				Total Credits	
S.No.	Code	Subject Name	l us		mu	nce	m	anc 1 &	nt lanc	Ma] C	Remark
			End Sem	MST	Assignment	Attendance	End Sem	ab Performa Lab Record Viva	Assignment iiz/Attendar	Total Marks	T	T	P	Tots	
			En			Atte	En	Perf Re Vi	ssign //At	Ĥ	L	T	r		
					Quiz,	Ì		Lab Performance Lab Record & Viva	Assignment /Quiz/Attendance						
								Т	~						
1	MT1101	Research Methodology & IPR	70	15	10	05	-	-	-	100	3	1	-	04	it, lit, 0.5
2	MTDC1102	DSP & Its Applications	70	15	10	05	-	-	-	100	3	1	-	04	credit, credit, -to 0.5
3	MTDC1103	Advanced Digital Communication	70	15	10	05	2	MA		100	3	1	7-	04	refers to I refers to I (P) refers
4	MTDC1104	Modern Telephone Switching System	70	15	10	05	Ų	U	_	100	3	1		04	
5	MTDC1105	Microcontroller System	70	15	10	05	-	-	-	100	3	1	-	04	Lecture (L) Tutorial (T) Practical
6	MTDC1106	Digital Signal Processing Lab	-	-	1	-	70	15	15	100	1	-	4	02	Lectur Futori Prac
7	MTDC1107	Microcontroller lab	-	-	-	-	70	15	15	100	-	-	4	02	H. H. H. T.
8	MT1108	# Audit Course I (Value Education)	35	-	10	05	1	-	-	50	2	1	1	00	One Ho One Ho One Forecredit.
														Grand Total	
	Total		350	75	50	25	140	30	30	700	17	05	08	24	700

[#] Mandatory (Non Credit) subject according to AICTE. Non University Examination, End Sem marks not to be included in total marks and credit. Students must pass in this subject.

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: Electronics & Communication Engineering Specialization: Digital Communication **BRANCH SEMESTER: II Maximum Marks Allotted Teaching Hour Theory Slot Practical Slot** Per Week **Term Work Total Credits** Quiz, Assignment **Fotal Marks** /Quiz/Attendance ab Performance Attendance **Subject Name** S.No. **Subject Code** Lab Record & Remark End Sem End Sem Assignment MST L T P Refer Table- I Professional Elective -I 3 04 One Hr. Practical (P) refers to 0.5 70 15 10 05 100 1 1 One Hr. Tutorial (T) refers to 1 credit, One Hr. Lecture (L) refers to 1 credit, Data Communication & Computer MTDC 1202 2 3 70 15 10 05 100 04 1 Network MTDC 1203 Optical Communication 70 15 05 100 3 04 MTDC 1204 Wireless & Mobile Communication 70 10 100 04 15 05 MTDC 1205 Antenna Engineering & Design 70 15 04 05 10 100 Advance Communication & MTDC 1206 02 6 70 15 15 100 4 Networking Lab MTDC 1207 **Optical Communication Lab** 7 70 15 15 100 4 02 # Audit Course II(English for Research 35 MT 1208 8 05 2 10 50 00 Paper Writing) **Grand Total** 700 350 75 50 25 140 30 30 700 17 05 08 24 **Total**

[#] Mandatory (Non Credit) subject according to AICTE. Non University Examination, End Sem marks not to be included in total marks and credit. Students must pass in this subject.

Table I: Core Elective-I

Subject Code	MTDC12101	MTDC12102	MTDC12103
Name of Professional Elective Subject	Satellite Communication	Speech Processing	Artificial Intelligence

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BRA	NCH : Electro	nics & Communication Enginee	ring	Specia	alizatio	n: Digi	tal Con	nmunica	tion					SE	EMESTER: III
	Subject Code		Maximum Marks Allotted										ing		
				Pr	actical S	Slot		Hour Per Week		Per					
					ıt			Term Work		S	VVCCK			dits	
S.No.		Subject Name	End Sem	MST	Quiz, Assignment	Attendance	End Sem	Lab Performance, Lab Record &	Assignment /Quiz/Attendance	Total Marks	L	Т	P	Total Credits	Remark
1	Refer Table- II	Open Elective	70	15	10	05	-	-	-	100	3	1	-	04	(1) (E) (E)
2	Refer Table -III	Professional Elective-II	70	15	10	05	-	-	-	100	3	1	Ō	04	Lecture credit, Tutorial credit, ractical
5	MTDC1303	Pre-Dissertation	·r _C		1-	4(200	50	50	300		-	12	06	One Hr. 1 refers to 1 One Hr. 1 refers to 1 One Hr. One Hr. Prefers to 1 refers to 0.
					• -	10	• • •			=0.5				1.5	Grand Total
	Total		140	30	20	10	200	50	50	500	6	2	12	14	500

Table II: Open Elective

Subject Code	MT13101	MT13102	MT13103				
Name of Open Elective Subject	Industrial Safety	Waste to Energy	Cost Management of Engineering Projects				

Table III: Core Elective-II

Subject Code	MTDC13201	MTDC13202	MTDC13203
Name of Professional Elective Subject	Information Theory & Coding	Embedded System Design	Digital Image Processing

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BRAN	BRANCH : Electronics & Communication Engineering				Specialization: Digital Communication								SEMESTER: IV					
	Subject Code			Maximum Marks Allotted							Teaching							
S.No.		Subject Name	Theory Slot				Practical Slot			Hour Per Week								
			End Sem	MST	Quiz, Assignment	Attendance	End Sem	Lab Performance, Lab Record & man	Assignment Quiz/Attendance	Total Marks	L	Т	P	Total Credits	Remark			
A	MTDC1401	Dissertation	01	Ŋ	A	Ç	300	O ₁₀₀ E	100	1500	_	Ç	32	16	One Hr. Lecture (L) refers to 1 credit, One Hr. Tutorial (T) refers to 1 credit, One Hr. Practical (P) refers to 0.5 credit.			
		Total	-	-	-	-	300	100	100	500	-	-	32	16	500			