Scheme of Examination (With Effective from Academic Session 2019-20 onwards)

PROGRAMME: Master of Technology BRANCH : Electrical Engineering

Specialization: Power System

SEMESTER: I

				Maxi	imun	n Mar	ks Allotte	d							
			Theory Slot Practical Slot							Teaching Hour Per Week					
	Subject Code	Subject Name						Term Work		70				lits	
S.No.			End Sem	MST	Quiz, Assignment	Attendance	End Sem	Lab Performance, Lab Record & Viva	Assignment /Quiz/Attendance	Total Marks	L	Т	P	Total Credits	Remark
1	MT1101	Research Methodology & IPR	70	15	10	5	-	-	-	100	3	1	-	04	credit, credit, to 0.5
2	MTPS1102	Advanced Power System Analysis	70	15	10	5			M	100	3	1	\bigcirc 1	04	
3	MTPS1103	Advanced Power System Protection	70	15	10	5		U	,	100	3	1		04	(L) refers to (T) refers to 1 al (P) refers
4	MTPS1104	High Voltage Engineering	70	15	10	5	-	-	-	100	3	1	-	04	(L) re (T) re al (P)
5	MTPS1105	EHV AC Transmission System	70	15	10	5	-	-	-	100	3	1	-	04	ecture (L utorial (T Practical
6	MTPS1106	Power System Lab	-	1	-	-	70	15	15	100	-	-	4	02	ur Lec ur Tut our Pl
7	MTPS1107	Fundamental of MATLAB	-	-	-	-	70	15	15	100	-	-	4	02	One hour Lecture (L) refers to One hour Tutorial (T) refers to 1One hour Practical (P) refers credit.
8	MT1108	# Audit Course I (Value Education)	35	-	10	5	-	-	-	50	2	-	-	00	ට් ට් ට් වි Grand Total
#Mond	Total			75	50	25	140	30	30	700	17	5	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.

Scheme of Examination

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PROGRAMME: Master of Technology BRANCH : Electrical Engineering

BRANCH : Electrical Engineering Specialization: Power Syst													SE	MEST	ER: II
					Maxi	mum	Mark	s Allotted				, .	**		
			Theory Slot				I	Practical Sl		Teaching Hour Per Week					
		Subject Name						Term Work		, s				dits	
S.No.	Subject Code		End Sem	MST	Quiz, Assignment	Attendance	End Sem	Lab Performance, Lab Record &	Assignment /Quiz/Attendan	Total Marks	L	Т	P	Total Credits	Remark
1	Refer Table- I	Professional Elective I	70	15	10	5	-	-	-	100	3	1	-	04	One
2	MTPS1202	Power Quality	70	15	10	5	-	-	-	100	3	1	-	04	credit, t, One l
3	MTPS1203	Energy Auditing Conservation and Management	70	15	10	5	-	1-	-	100	3	1	-	04	to 1 cr credit, dit.
4	MTPS1204	Advanced Power System Protection Relays	70	15	10	5		de		100	3	1		04	One hour Lecture (L) refers to 1 credit, One hour Tutorial (T) refers to 1 credit, One hour Practical (P) refers to 0.5 credit.
5	MTPS1205	Advanced HVDC Transmission Systems	70	15	10	5	-	-	-	100	3	1	-	04	One hour Lecture (I hour Tutorial (T) re Practical (P) refers to
6	MTPS1206	Power System Analysis Lab	-	-	-	-	70	15	15	100	-	-	4	02	our Le utoria al (P)
7	MTPS1207	MATLAB / SIMULINK	-	1	1	1	70	15	15	100	-	1	4	02	ne ho our T ractio
8	MT1208	# Audit Course II(English for Research Paper Writing)	35	-	10	5	-	-	-	50	2	-	-	00	O 프 죠 Grand Total
	Total			75	50	25	140	30	30	700	17	5	08	24	700

Table I: Professional Elective-I

Subject Code	MTPS12101	MTPS12102	MTPS12103
Name of Professional Elective	Flexible AC Transmission Systems	Advanced Power System Stability	Modern Control Theory
Subject	Prexide AC Transmission Systems	Advanced Fower System Stability	Modern Control Theory

Scheme of Examination

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PROGRAMME: Master of Technology

BRANC	H : Electrica	al Engineering		Speci	alizatio	on: Pov	ver Sys	tem						SEMESTER: III		
				Ma	aximum	Marks	Allotte	ed				achii	_		Remark	
			r	Theory S	Practical Slot				Hour Per							
									Term Work		Week			3		
S.No	Subject Code	Subject Name	End Sem	MST	Quiz, Assignment	Attendance	End Sem	Lab Performance, Lab Record & Viva	len Ida	Total Marks	L	Т	P	Total Credits		
1	Refer Table-II	Open Elective	70	15	10	5	-	-	-	100	3	1	-	04	ecture to 1 hour refers One the (P)	
2	Refer Table-III	Professional Elective-II	70	15	10	5	2			100	3	1	-	04	Dne hour Lectus (L) refers to redit, One hou Futorial (T) refers to nour Practical (B) refers to 0.5 credit.	
3	MTPS1303	Pre-Dissertation	-	7 	-	-	200	50	50	300		-	12	06	Grand Total CLand Total Credit, refers to	
	Total		140	30	20	10	200	50	50	500	06	02	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 Project

Table III: Professional Elective-II

Subject Code	MTPS13201	MTPS13202	MTPS13203			
Name of Professional Elective	Advanced Electrical	Transient Over Voltages & Power	Voltage Stability of Power System			
Subject	Drives	Systems				

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Specialization: Power System

					Maxi	mum]	Marks	Allotted	l		T	eachin	σ		
				Theory Slot				Practical Slot			Hour Per Week		er		
S.No. Subject Code		Subject Name		MST	Quiz, Assignment	Attendance	End Sem	Lab Performance, Lab Record & Handel	Assignment /Quiz/Attendance	Total Marks	L	T	P	Total Credits	Remark
A	ppro	oved Fr	Oľ	\overline{n}	A	C	a (de	Ŋ				0	U	cture (L) refers to 1 hour Tutorial (T) credit, One hour refers to 0.5 credit.
1	MTPS1401	Dissertation	-	-	•	-	300	100	100	500	-	-	32	16	One hour Lecture (L) credit, One hour Trefers to 1 credit, Practical (P) refers to
		Total	-	-	-	-	300	100	100	500	-	-	32	16	500

MST: Mid Semester Test (at least twice per Semester)

L: Lecture

T: Tutorial

P: Practical

SEMESTER: IV