Scheme of Examination

(With Effective from Academic Session 2019-20 onwards)

PROGRAMME : Master of Technology

BRANCH: Civil Engineering Specialization: Construction Technology & Management SEMESTER: I

								rks Allotted		<u> </u>					
			Theory Slot Practical Slot					Teaching Hours Per Week							
					l ut			Term Work		S				dits	
S. No.	Subject Code	Subject Name	End Sem	MST	Quiz, Assignment	Attendance	End Sem	Lab Performance, Lab Record & Viva	Assignment /Quiz/Attendan	Total Marks	L	Т	P	Total Credits	Remark
1	MT1101	Research Methodology & IPR	70	15	10	05	-	-	-	100	3	1	-	04	r 1 efer (P)
2	MTCM1102	Composite Materials	70	15	10	05	-		-	100	3	1	-	04	refer 1 (T) refer etical (P)
3	MTCM1103	Geotechnical Engineering	70	15	10	05			100	100	3	1	1	04	rial (
4	MTCM1104	Concrete Construction Technology	70	15	10	05	-	1()(-	100	3	1	-	04	ure (L) Tutorial hour Pre
5	MTCM1105	Low Cost Housing Materials and Construction Technology	70	15	10	05	-	1 <u>V</u>	-	100	3	1	-	04	Lect hour d one
6	MTCM1106	Material Testing-I	-	1	-	-	70	15	15	100	-	-	4	02	hour one it, an
7	MTCM1107	Software Lab –I	-	-	1	-	70	15	15	100	-	-	4	02	One h credit, 1 credii refer 0.
8	MT1108	# Audit Course I (Value Education)	35	-	10	05	-	-		50	2	-	-	00	Grand Total
	Total				50	25	140	30	30	700	17	5	8	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
(With Effective from Academic Session 2019-20 onwards)

PROGRAMME: Master of Technology : Civil Engineering **BRANCH**

Specialization: Construction Technology & Management

DRAN	- Civil Engineering							ks Allotted	y & want	.501110111	SEWIESTER. II					
				Theor	y Slot	<u>u2111111</u>	II IVIUI	Practical S	lot		Teaching F Per We					
								Term Work						its		
	Subject Code	Subject Name	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	Refer Table- I	Professional Elective I	70	15	10	05	-	-	-	100	3	1	-	04	lit, ınd t.	
2	MTCM1202	Prefabrication Design & Its Construction Technology	70	15	10	05	-	-	-	100	3	1	-	04	r Lecture (L) refer 1 credit, Tutorial (T) refer 1 credit, and Practical (P) refer 0.5 credit.	
3	MTCM1203	Construction Equipment and Material Management	70	15	10	05	-	-	-	100	3	1	-	04	hour Lecture (L) refer l hour Tutorial (T) refer 1 cr hour Practical (P) refer 0.5	
4	MTCM1204	Financial Management in Construction Industries	70	15	10	05			<u>O</u> M	100	3	1	(-	04	(L) T) ref (P) rel	
5	MTCM1205	Appropriate Technology and Energy Conservation	70	15	10	05		V		100	33)	04	Lecture (L) atorial (T) re actical (P) r	
6	MTCM1206	Material Testing –II	-	-	-	-	70	15	15	100	ı	-	4	02		
7	MTCM1207	Software Lab –II	-	-	-	-	70	15	15	100	-	-	4	02	One hour one hour T one hour P	
8	MT1208	# Audit Course II (English for Research Paper Writing)	35	-	10	05	-	-	-	50	2	-	-	00	One	
	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. Table I: Professional Elective-I

Subject Code	MTCM12101	MTCM12102	MTCM12103
Name of Professional Elective Subject	Construction Management	Bridge Engineering	Remote Sensing & GIS

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

L: Lecture

T: Tutorial

P: Practical

SEMESTER: II

Scheme of Examination

(With Effective from Academic Session 2019-20 onwards)

PROGRAMME: Master of Technology **BRANCH**: Civil Engineering

: Civil Engineering Specialization: Construction Technology & Management SEMESTER: III

DRA	NCH : CIVIL	Specialization: Construction Technology & Management								SEMESTER: III					
			Maximum Marks Allotted Theory Slot Practical Slot						Teaching Hours Per						
		Subject Name						Term	Work	rks		Wee	k	Credits	
S.No.	Subject Code		End Sem	MST	Quiz, Assignment	Attendance	End Sem	Lab Performance, Lab Record &	Assignment /Quiz/Attendance	Total Marks	L	Т	P	Total C	Remark
1	Refer Table-II	Open Elective	70	15	10	05	-	-	-	100	3	1		04	ecture credit, utorial credit, hour
2	Refer Table-III	Professional Elective II	70	15	10	05	6		21	100	3	1	-	04	One hour Le (L) refer t c one hour Tu (T) refer t c and one Practical (P) 0.5 credit.
3	MTCM1303	Pre-Dissertation	-	-	-	-	200	50	50	300	-	-	12	06	One (T) A Pract (T) Pract (0.5 c)
	7	Cotal	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 Project

Table III: Professional Elective-II

Subject Code	MTCM13201	MTCM13202	MTCM13203
Name of Professional Elective Subject	Management of Quality and Safety in Construction	Advanced Highway Construction	Advanced Foundation Engineering

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

L: Lecture

T: Tutorial

P: Practical

Scheme of Examination

(With Effective from Academic Session 2019-20 onwards)

PROGRAMME: Master of Technology

RPANCH: Civil Engineering

	BRAN	CH : Civil Eng	rineering Spe	<u>ecializa</u>	tion: C	onstruct	ion Te	chnolog	gy & Ma	anageme	nt		SEN	1ESTE1	R: IV	
						Maxi	mum I	Marks .	Allotted			_				
				Theory Slot				Practical Slot				Teaching Hours Per Week				
						t			Term	Work	⊘ i				dits	
\$	S.No.	Subject Code	Subject Name			Assignment	ice	g	nce,	t ince	Total Marks				Credits	Remark
				End Sem	MST	ssign	Attendance	d Sem	orma cord	men	otal N	_		_	Total	
				Enc		Quiz, A	Atte	End	Lab Performance, Lab Record & Viva	Assignment /Quiz/Attendance	Ĭ	L	T	P		
						nÒ			Lab	A /Qui						
		MATA	WANTE		Y			21	1/		117				II	(L) hour edit, 1 (P)
		Phi	JVCUII	VI				GI	JL	, []	111	\			11	ca
		MTCM1401	Dissertation													ur Lecture credit, one (T) refer 1 c hour Practic credit
	1			-	-	-	-	300	100	100	500	-	-	32	16	ur La credit, (T) ref hour P
																One hour refer 1 cre Tutorial (T) and one hor refer 0.5 cre
L																One horefer 1 Tutorial and one refer 0.5
			Total					300	100	100	500	_	_	32	16	500
						-	-	300	100	100	300	•		32	10	300

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

L: Lecture

T: Tutorial

P: Practical