

Department Of Civil Engineering
M TECH. (CONSTRUCTION TECHNOLOGY AND PROJECT MANAGEMENT)
Scheme of Instruction and Examination
(with effect from 2015-16 academic year)

I – SEMESTER

Code No.	Course title	Scheme of Instruction			Scheme of Examination			Total	Credits
		Lec	Tut	Total	Exam (hrs)	Ext	Sess		
CTPM1.1	Principles of Construction Management	4	--	4	3	70	30	100	4
CTPM1.2	Construction Planning and Scheduling	4	--	4	3	70	30	100	4
CTPM1.3	Construction Equipment and Methods	4	--	4	3	70	30	100	4
CTPM1.4	Environmental Impact Assessment and Auditing	4	--	4	3	70	30	100	4
CTPM1.5	a) Advanced Foundation Engineering b) Computer Aided Design and Applications c) Urban Transportation Planning	4	--	4	3	70	30	100	4
CTPM1.6	a) Advanced Concrete Technology b) Reliability Analysis and Design c) Construction Economics and Accounting	4	--	4	3	70	30	100	4
CTPM1.7	Computer applications in Structural Engineering	--	3	3	Viva	50	50	100	2
CTPM1.8	Construction Engineering Laboratory		3	3	Viva	50	50	100	2
Total		24	6	30		520	280	800	28

II – SEMESTER

Code No.	Course title	Scheme of Instruction			Scheme of Examination			Total	Credits
		Lec	Tut	Total	Exam (hrs)	Ext	Sess		
CTPM2.1	Project Administration	4	--	4	3	70	30	100	4
CTPM2.2	Contracts and Legal Issues	4	--	4	3	70	30	100	4
CTPM2.3	Safety Management	4	--	4	3	70	30	100	4
CTPM2.4	Management Information Systems	4	--	4	3	70	30	100	4
CTPM2.5	a) Ground Improvement Techniques b) Operations Research c) Strategic management of construction projects	4	--	4	3	70	30	100	4
CTPM2.6	a) Prestressed Concrete b) Disaster Management c) Infrastructure Valuation	4	--	4	3	70	30	100	4
CTPM2.7	Repair and Rehabilitation of Structures	--	3	3	Viva	50	50	100	2
CTPM2.8	Case Studies		3	3	Viva	50	50	100	2
Total		24	6	30		520	280	800	28

III and IV SEMESTERS

Code No	Course title	Scheme of Examination	Total Marks	Credits
CTPM3.1	Dissertation (Preliminary)	Viva-voce	100	10
CTPM4.1	Dissertation (Final)	Defence and Viva-voce	100	14