

# Course Scheme: M. Tech (Geotechnical Engineering)—Full Time

## Schedule of Teaching and study scheme

Semester	Subjects	Credits	Contact Hours/week			No. of subjects	Distribution of marks		Total Credits
			L	T	P		Ext	Int	
1	Core subjects	4	4	-	-	3	100	50	20
	Program elective	3	3	-	-	1	100	50	
	Open elective	3	3	-	-	1	100	50	
	Laboratory-1	2	--	-	4	1	50	50	
2	Core subjects	4	4	-	-	3	100	50	20
	Program elective	3	3	-	-	1	100	50	
	Open elective	3	3	-	-	1	100	50	
	Laboratory -2	2	--	-	4	1	50	50	
3	Program elective	3	3	-	-	1	100	50	14
	Program elective	3	3	-	-	1	100	50	
	Pre-thesis seminar	4	-	-	4	1	50	50	
	Pre-thesis project	4	-	-	4	1	50	50	
4	Thesis/Dissertation	14	14	-	-	--	100	200	14
Total Marks and credits							1500	1000	68

### List of Core Subjects

S. No.	Subjects	Subject Code
1	Soil Dynamics	MTGT-501
2	Advanced Foundation Engineering	MTGT-502
3	Advanced Soil Mechanics	MTGT-503
4	Research Methodology	MTGT-504
5	Analysis of Settlement of Soils & Foundations	MTGT-505
6	Site Investigations	MTGT-506

### List of Laboratory/Practical work

S. No.	Subject	Subject Code
1	Lab-1	MTGT-507
2	Lab-2	MTGT-508
3	Pre-thesis seminar	MTGT-509
4	Pre-thesis project	MTGT-510
5	Thesis	MTGT-511

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