

M.Tech. (Geotechnical Engineering) : PART TIME 2008-09
Self Financed 6 Semester Course of Civil Engineering Department

Teaching Scheme

SUBJECT/ SEMESTER	Teaching Hrs/week		Examination Scheme		
	L	T/P	Max. Marks		Total Marks
			Exam	IA	
FIRST SEMESTER					
1MGE1 : Geotechnical Engineering	3	1	100	25	125
1MGE2 : Design of Embankment Dams	3	1	100	25	125
1MGE3: Rock Engineering	3	1	100	25	125
TOTAL	09	03	300	75	375
SECOND SEMESTER					
2MGE1 : Geotechnical Testing and Instrumentation	3	1	100	25	125
2MGE2 : Numerical and Analytical Methods in Geomechanics	3	1	100	25	100
2MGE3 : Advanced Foundation Engineering	3	1	100	25	100
TOTAL	09	03	300	75	375
THIRD SEMESTER					
3MGE1: Theoretical Soil mechanics	3	1	100	25	125
1MGE4 : Elective-I	3	1	100	25	125
1MGE5: Geotechnical Engineering Lab-1	-	3	40	60	100
TOTAL	06	05	240	110	350
FOURTH SEMESTER					
3MGE2: Design of Retaining Structures	3	1	100	25	125
2MGE4 : Elective-II	3	1	100	25	125
2MGE5: Geotechnical Engineering Lab II	-	3	40	60	100
TOTAL	06	05	240	110	350
FIFTH SEMESTER					
3MGE4 : Seminar	-	4	90	60	150
3MGE3 : Dissertation Part I	-	4	-	100	100
TOTAL	-	8	60	160	250
SIXTH SEMESTER					
4MGE1 : Dissertation Part II	-	16		500	500
TOTAL	-	16	-	500	500
GRAND TOTAL	30	40	1170	1030	2200

M.Tech. (Geotechnical Engineering) : PART TIME
Self Financed 6 Semester Course of Civil Engineering Department

LIST OF ELECTIVES

1MGE4 : ELECTIVE – I

1MEV4.1 : Ground Improvement Techniques

1MGE4.2: Geosynthetics in Geotechnical Engg.

1MGE4.3 : Shear Strength of soil

2MGE4 : ELECTIVE – II

2MEV4.1 : Soil Dynamics

2MGE4.2 : Advanced Rock Engineering

1MGE4..3 : Soil Hydraulics