

# GUJARAT TECHNOLOGICAL UNIVERSITY

## M.E. Civil (Geotechnical Engineering)

### PROPOSED TEACHING SCHEME

#### Semester - I

(w.e.f August 2011)

SUBJECT CODE	SUBJECT	TEACHING SCHEME (HOURS)			CREDITS
		THEORY	TUTORIAL	PRACTICAL	
710001	Communication and Research Skills	2	2	0	3
714301	Advanced Geotechnical Engineering-I	4	-	-	4
714302	Soil Dynamics	4	-	-	4
714303	Theory of Elasticity and Plasticity	4	-	-	4
	Major Elective - I	3	2	0	4
	Inter Disciplinary Elective - I	3	2	-	4
714307	Experimental Geotechnics	-	-	2	1
714308	Geotechnical Engineering Software Lab-1	-	2	-	1
	<b>Total</b>	<b>20</b>	<b>8</b>	<b>2</b>	<b>25</b>

#### Major Elective-I

Subject Code	Major Elective-I
714304	Numerical Methods in Geotechnical Engineering
714305	Soil Stabilization and Grouting Technology

#### Inter Disciplinary Elective - I

Subject Code	Inter Disciplinary Elective - I
714306	Soil Improvement Techniques