

GUJARAT TECHNOLOGICAL UNIVERSITY

M.E. Mechatronics

PROPOSED TEACHING SCHEME

(W.E.F July 2012)

Semester I

Subject Code	SUBJECT	TEACHING SCHEME(HOURS)			CREDITS
		THEORY	TUTORIAL	PRACTICAL	
710001	Communication and Research Skills	2	2	0	3
714701	Concepts in Mechatronics Engineering.	4	0	2	5
714702	Advance Control Systems	4	0	2	5
714703	Sensor Technology	3	0	2	4
	Interdisciplinary Elective – I	3	0	2	4
	Major Elective - I	3	2	0	4
	Total				25

Subject Code	Major Elective - I
714705	Finite Element Procedures in Engineering (Elective – I)
714706	Engineering Metrology (Elective – I)
714707	Soft Computing Applications (Elective – I)

Subject Code	Interdisciplinary Elective – I
714704	Optimization Theory and Practice