

# GUJARAT TECHNOLOGICAL UNIVERSITY

## M.E. in Power Electronics & Electrical Drives

### PROPOSED TEACHING SCHEME

#### Semester - I

(w.e.f Sept. 2011)

SUBJECT CODE	SUBJECT	TEACHING SCHEME (HOURS)			CREDITS
		THEORY	TUTORIAL	PRACTICAL	
710001	Communication and Research Skills	2	2	0	3
714501	Power Electronics-I	4	0	2	5
714502	Solid State DC Drives	4	0	2	5
710703	Modern Control System	3	0	0	3
704503	Power Electronics Simulation Laboratory	0	0	4	2
	Major Elective - I	3	0	0	3
	Inter Disciplinary Elective - I	3	0	2	4
	<b>TOTAL</b>	<b>19</b>	<b>2</b>	<b>10</b>	<b>25</b>

#### Major Elective-I

Subject	Major Elective-I
714504	Modeling & Analysis of Electric Machines
714505	Power Conditioning

#### Inter Disciplinary Elective - I

Subject Code	Inter Disciplinary Elective - I
710706	Energy Management