

GUJARAT TECHNOLOGICAL UNIVERSITY

DEGREE IN MECHATRONICS ENGINEERING

PROPOSED TEACHING SCHEME

Semester - VII

SUBJECT CODE	SUBJECT	TEACHING SCHEME(HOURS)			
		THEORY	TUTORIAL	PRACTICAL	CREDITS
172001	Microcontrollers and Embedded Systems	3	0	2	5
172002	Automated Manufacturing - I	3	0	2	5
172003	Manufacturing Technology - II	3	0	2	5
172004	Production Optimization Techniques	3	2	0	5
	Department Elective - I	4	0	2	6
170001	Project - I	0	0	4	4
	Total	16	2	12	30

DEPARTMENT ELECTIVE -I

SUBJECT CODE	DEPARTMENT ELECTIVE -I
172005	Robotics
172006	Computer Aided Design for Mechatronics
172007	Modern Control Systems