

GUJARAT TECHNOLOGICAL UNIVERSITY

MECHATRONICS ENGINEERING

B. E. SEMESTER: VII

Subject Name: **Project - I**

Subject Code: **170001**

Teaching Scheme				Evaluation Scheme			
Theory	Tutorial	Practical	Total	University Exam (E)		Mid Sem Exam (Theory) (M)	Practical (Internal)
				Theory	Practical		
0	0	4	4	0	100	0	50

A Mechatronics project is expected to be a synergic combination of mechanical engineering, electronics control and/or software development. The project should involve basic design, procurement and manufacture of components, simulation, subassembly testing, and prototype testing and software development.

Mechatronics Project I will involve project selection, literature survey, design, development of necessary drawings and production plans for components to be manufactured as well as initiation of procurement process for purchase from market.

It is expected that the quality of work should justify the credit allotted to the course. The work will be assessed on the basis of work logging, periodic presentations, seminars, project report and a concluding comprehensive defense of the work done.