

GUJARAT TECHNOLOGICAL UNIVERSITY

Branch Name: Mechanical Engineering (19)

Subject Name: Project – I

Subject Code: 2170001

B.E. Semester 7

Type of course: Project work

Prerequisite: -

Rationale: To enhance employability skills of the students Project work is required. It provides practical experience in a field of Mechanical Engineering and help to reinforce theoretical knowledge gained in different courses to solve real life challenges.

Teaching and Examination Scheme:

Teaching Scheme			Credits	Examination Marks				Total Marks
L	T	P		Theory Marks		Practical Marks		
			ESE (E)	PA (M)	ESE Viva (V)	PA (I)		
-	-	4	4	-	-	80	20	100

L- Lectures; T- Tutorial; P- Practical; C- Credit; ESE- End Semester Examination; PA- Progressive Assessment

Content:

Students of Mechanical Engineering will be required to undergo major project work during Semester 8. As a prelude to the same, the students are required to visit different Industries in the area of Mechanical Engineering and scout for industrial problem which can be undertaken during ensuing semester. Alternatively, students can also work on the project assigned by faculty mentors or any social problem related to their branch. During the semester, the students are mainly required to undergo literature survey including patent search and prepare a report based on the same. After completion of first phase (Project-I), the students must prepare a detailed report and present their work before the committee at the institute. Industry mentors may be invited during the presentation. Preferably faculty mentor will visit the industry before submission of term-end report.