

Branch Name:	Mechanical Engineering
Semester/Year:	Semester V / Third Year
Subject Title:	Mini Project -1
Subject Code:	1ET1000501
Pre-requisite:	Knowledge of Mechanical Engineering

Course Objectives:

1. To boost up the students zeal of engineering excellence.
2. To develop the students skills to convert the fundamentals into realistic working model.
3. To improve the students technical communication skills.

Teaching Scheme (Hours per week)				Evaluation Scheme (Marks)				
Lecture (L)	Tutorial (T)	Practical (P)	Credit	Theory (Marks)		Practical (Marks)		Total (Marks)
				University Assessment	Continuous Assessment	University Assessment	Continuous Assessment	
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Guidelines:

1. The mini project is team activity having 3 to 4 students in a team. This is design work with a focus to generate working model.
2. It should demonstrate a small system may be useful in laboratory or real life.
3. Students are expected to detail out specifications, resources required, issues involved in design and submit the proposal within 2 weeks of the semester.

Course Outcomes:

After successful completion of the course, students will be able to:

1. Practice acquired knowledge within the chosen area of technology for project development.
2. Identify, discuss and justify the technical aspects of the chosen project with a comprehensive and systematic approach.
3. Reproduce, improve and refine technical aspects for engineering projects.
4. Work as an individual or in a team in development of technical projects.
5. Communicate and report effectively project related activities and findings.

The student is required to submit a report based on the work. The evaluation of the project shall be on continuous basis.

Mini project may be carried out in one or more form of following:

Working/Non-working models, Prototype development, simulation, software development, Integration of software and hardware, statistical data analysis etc.