

Branch Name:	Electrical Engineering
Program Code:	ET109
Course Name:	Mini Project – II
Course Code:	1ET1000601
Pre-requisite Course:	Basic Knowledge of Electrical Engineering

Course Objectives:

- Provide a platform to students to enhance their practical knowledge.
- To boost up the student's zeal of engineering excellence.
- To improve the student's technical communication skill.

Teaching and Examination Scheme:

Teaching Scheme (Hours per week)				Evaluation Scheme (Marks)								
Lecture	Tutorial	Practical	Credit	Theory				Practical				Total
				University Assessment		Continuous Assessment		University Assessment		Continuous Assessment		
				Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	
00	00	02	01	00	00	00	00	12	30	08	20	50

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.

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.

Course Learning Outcomes (CLO): On completion of this course, the students will be able to:

CLO	Description	Bloom's Taxonomy Level
CLO1	Practice acquired knowledge within the chosen area of technology for project development.	1 Remembering 2 Understanding
CLO2	Identify, discuss and justify the technical aspects of the chosen project with a comprehensive and systematic approach.	2 Understanding 3 Applying 4 Analyze
CLO3	Reproduce, improve and refine technical aspects for engineering projects.	4 Analyze, 3 Apply

CLO4	Work as an individual or in a team in development of technical projects.	3 Applying, 6 Creating
CLO5	Communicate and report effectively project related activities and findings.	4 Analyze, 3 Applying 5 Evaluate
CLO6	Finally able to understand aspects of projects and initiate developing project in group or individuals	6 Creating

Mapping of CLOs with POs & PSOs:

Course Learning Outcomes	Program Outcomes (POs)												Program Specific Outcomes(PSOs)			
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CLO1	H		L		M			L	H	H						
CLO2			H		H	M			H				H	M		
CLO3			M		H	H		H	H				H	M		
CLO4			M		H	H	H					H	H	M		
CLO5		M						H								
CLO6			H	H	H		H	H				H	H	H		

H: High, M: Medium, L: Low