

SUBJECT	COURSE OUTCOME	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
8ME1A: Computer Integrated Manufacturing Systems	Students will be able to identify the main elements in Computer Integrated Manufacturing Systems.	H	M	H	M	H	M						
	Students have the skill of applying knowledge of Computer Aided Process Planning (CAPP), features, Group Technology and data exchange in Manufacturing Processes.	H	M	M	M	M	M			H	M	M	
	Students will learn the process product models with CAM tools and CNC machines with Collaborative Engineering	H	M	M		H	M					M	
8ME2A: Laws for Engineers	students will be able to understand their rights & will get aware of how to settle disputes in industry leading to better human relations.		M		H		H	M	H		M	M	H
	Students will be able to identify various goverment laws, this will make them aware and conscious of the consequences in case of laws violation and punishment to be mattered.		H	H	M		H		H		H		H
	Students will get knowledge about term contract for different jobs executed by private parties.			M			H		H		H	M	H
	Student will be able to learn about human rights under the constitution of India.		M	L			H	M	H		H		H
8ME3A: Power Generation	students will be able to implement the fundamental concepts of electricity generation	H	M	H	M			M					
	Students will be able to associate with the basic working of steam power plant.	H	M	M	M	M					M	M	
	Students will be able to analyze the function of hydro electric ,diesel and gas power plant	H	M	M		M	M	M		M	M	M	M
	students will be able to identify the basic renewable energy resources and implement them in electricity generation	H		M			M	M	M				M
8ME4.1A: Product Development and	To apply techniques to generate new product ideas and translate them into clear sketches (I/IV)	H	H	M	-	-	-	-	-	-	-	-	-
	To design the product by identifying the subsystems and set engineering specifications (III/IV)	H	H	H	M	-	-	-	-	-	-	-	-

Launching	To carry out a methodical approach to the management of product development to satisfy customer needs (II/V)	H	M	M	-	-	-	-	-	-	-	-	-
8ME5A: CAM Lab	To able to prepare program and execute it on Computer Numerical Control (CNC) Lathe Machine.	H	M	M	-	-	-	-	-	-	M	-	M
	To able to prepare program and execute it on Computer Numerical Control (CNC) Milling Machine.	H	M	M	-	-	-	-	-	-	M	-	M
8ME6A: CAD Lab	To design different parts of mechanical equipments.	H	M	H		H							M
	To apply their skills in various designing and Manufacturing Industries.	H	M	H		H							M
8ME7A: IE Lab	To apply concepts of industrial engineering in industrial setup.	H	H		M		M		M	H		M	H
	To apply tools of industrial engineering on shop floor.	H		H	M	M	M		M	M			H
8MEPR: Project-2	To identify the given problem and acquire the system integration skills.	H	H	H	H	H							H
	To handle project with overall safety concern.	H							H			H	
	To attain the documentation and communication skills.										H	H	H
	To analyze, formulate and integrate the project with managerial skills .						H	H	H	H	H	H	H
8MESM: Seminar	To come across various researches going in Mechanical Engineering.	H	H	M	M	M	M	H	L	H	M	M	H
	To improve the knowledge of internet, power point presentation.	H	H	M	M	M	H	H	L	M	M	M	H