

Details of the Pedagogical initiatives for CAY MI (2022-23)

Sl. No	Course Name / Code	Semester	Faculty Name	Activity Name	Topic Covered	Date(s)	No. of Participants	Objectives/Goals	ICT Used	Relevant POs
1	Design of Machine Elements - I / 18ME52	V Semester	Dr. B Balaji	Presentation on stress concentration	Effect of stress concentration on machine structures	20-10-2022	18	Understand and mitigate stress concentration	Online Videos	PO1, PO2, PO3, PO4, PO5, PO12, PSO1, PSO2
2	Dynamics of Machines / 18ME53	V Semester	Santosh Kumar K J	Demo on Governors	Governors and its types	13-10-2022	23	Understand governors and their applications	PPT	PO1, PO2, PO3, PO4, PO6, PO12
3	Operations Management / 18ME56	V Semester	Dr. P N Jyothi	PPT on Introduction to Operations Management	Ops management, functions, production systems, productivity	12-10-2023	20	Introduce ops management, explain production systems, analyse productivity	LCD Projector, Laptop	PO1, PO2, PO6, PO11, PO12
4	Design of Machine Elements – II / 18ME62	VI Semester	Dr. B Balaji	Presentation on design of springs	Design of springs	22-03-2023	25	Understand stresses in springs and design of leaf springs	Online Videos	PO1, PO2, PO3, PO4, PO5, PO12, PSO1, PSO2
5	Heat Transfer / 18ME63	VI Semester	Parashuram A Kutakanakeri	Demo on Modes of Heat Transfer	Modes of heat transfer (Module 1)	23-03-2023	25	Understand different modes of heat transfer	Not mentioned	PO1, PO2, PO3, PO4, PO6, PO7, PO12
6	Non-Traditional Machining Process / 18ME641	VI Semester	Ms. Nischita A H	Activity on NTM processes in industries	Ultrasonic machining, EDM, EBW, others	24-03-2023	25	Know applications of different NTM processes in industries	PPTs, Videos	PO1, PO5