



# DMI COLLEGE OF ENGINEERING

Palanchur – Nazarathpet P.O., Chennai – 600 123

Affiliated to Anna University, Accredited by NBA

## DEPARTMENT OF MECHANICAL ENGINEERING

Innovations by the Faculty in Teaching and Learning

Academic Year: 2022-23

ODD Semester

Semester: 7

Sl. No	Subject code	Subject Name	PPT/ Keynotes/ Mind Map	Flipped Classroom (Dissemination of Study material- Camu)	Gamification (MCQ)/ AICTE Parakh	Peer learning- Students	Industrial Visit	Project based learning	Internship	Laboratory Equipment Usage	Nptel/ Swayam Course	You tube Videos
1	ME8792	Power Plant Engineering	Yes	Yes	Yes	Yes				Yes		Yes
2	ME8793	Process Planning and Cost Estimation	Yes	Yes	Yes	Yes						Yes
3	ME8791	Mechatronics	Yes	Yes	Yes	Yes				Yes		Yes
4	OML751	Testing of Materials	Yes	Yes	Yes	Yes				Yes		Yes



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### **DEPARTMENT OF MECHANICAL ENGINEERING**

5	MF8071	Additive Manufacturing	Yes	Yes	Yes	Yes				Yes		Yes
6	ME8099	Robotics	Yes	Yes	Yes	Yes						Yes



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Academic Year: 2022-23

ODD Semester

Semester: 5

Sl. No	Subject code	Subject Name	PPT/ Keynotes/ Mind Map	Flipped Classroom (Dissemination of Study material- Camu)	Gamification (MCQ)/ AICTE Parakh	Peer learning- Students	Industrial Visit	Project based learning	Internship	Laboratory Equipment Usage	Nptel/ Swayam Course	You tube Videos
1	ME8595	Thermal Engineering- II	Yes	Yes	Yes	Yes				Yes		Yes
2	ME8593	Design of Machine Elements	Yes	Yes	Yes	Yes				Yes		Yes
3	ME8501	Metrology and Measurements	Yes	Yes	Yes	Yes				Yes		Yes
4	ME8594	Dynamics of Machines	Yes	Yes	Yes	Yes				Yes		Yes
5	OAT 552	Internal Combustion Engines	Yes	Yes	Yes	Yes				Yes		Yes



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Academic Year: 2022-23

ODD Semester

Semester: 3

Sl. No	Subject code	Subject Name	PPT/ Keynotes/ Mind Map	Flipped Classroom (Dissemination of Study material- Camu)	Gamification (MCQ)/ AICTE Parakh	Peer learning- Students	Industrial Visit	Project based learning	Internship	Laboratory Equipment Usage	Nptel/ Swayam Course	You tube Videos
1	MA3351	Transforms and Partial Differential Equations	Yes	Yes	Yes	Yes				Yes		Yes
2	ME3391	Engineering Thermodynamics	Yes	Yes	Yes	Yes						Yes
3	CE3391	Fluid Mechanics and Machinery	Yes	Yes	Yes	Yes				Yes		Yes
4	ME3393	Manufacturing Processes	Yes	Yes	Yes	Yes				Yes		Yes



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5	ME3392	Engineering materials & metallurgy	Yes	Yes	Yes	Yes				Yes		Yes
6	ME3351	Engineering mechanics	Yes	Yes	Yes	Yes						Yes