



# 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: 2023-24

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	ME8791	Mechatronics	Yes	Yes	Yes	Yes				Yes		Yes
2	ME8792	Power Plant Engineering	Yes	Yes	Yes	Yes						Yes
3	ME8793	Process Planning & Cost Estimation	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	ME8073	Unconventional Machining Process	Yes	Yes	Yes	Yes						Yes
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Academic Year: 2023-24

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	ME3591	Design of Machine Elements	Yes	Yes	Yes	Yes						Yes
2	ME3592	Metrology & Measurements	Yes	Yes	Yes	Yes				Yes		Yes
3	CME384	Power Plant Engineering	Yes	Yes	Yes	Yes				Yes		Yes



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4	CME387	Non-Traditional Machining Process	Yes	Yes	Yes	Yes				Yes		Yes
5	CME380	Automobile Engineering	Yes	Yes	Yes	Yes				Yes		Yes
6	MX3084	Disaster Risk Reduction & Management	Yes	Yes	Yes	Yes						



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Academic Year: 2023-24

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	Transform Partial Differential Equation	Yes	Yes	Yes	Yes						Yes
2	ME3391	Engineering Thermodynamics	Yes	Yes	Yes	Yes						Yes
3	CE3391	Fluid Mechanics & Machinery	Yes	Yes	Yes	Yes				Yes		Yes
4	ME3351	Engineering Mechanics	Yes	Yes	Yes	Yes						Yes



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5	ME3392	Engineering Materials & Metallurgy	Yes	Yes	Yes	Yes				Yes		Yes
6	ME3393	Manufacturing Process	Yes	Yes	Yes	Yes				Yes		Yes
7	ME3381	Computer Aided Machining Process	Yes	Yes	Yes	Yes				Yes		Yes