



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: 2024-25

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	ME3791	Mechatronics & IOT	Yes	Yes	Yes	Yes				Yes		Yes
2	ME3792	Computer Integrated Manufacturing	Yes	Yes	Yes	Yes						Yes
3	GE3791	Human Values and Ethics	Yes	Yes	Yes	Yes						Yes
4	GE3792	Industrial Management	Yes	Yes	Yes	Yes						Yes



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5	CCS333	Augmented Reality/Virtual Reality	Yes	Yes	Yes	Yes				Yes		Yes
6	OML351	Introduction to Non-Destructive Testing	Yes	Yes	Yes	Yes						Yes
7	OHS352	Project Report Writing	Yes	Yes	Yes	Yes						Yes



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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				Yes	Yes
2	ME3592	Metrology & Measurement	Yes	Yes	Yes	Yes	Yes			Yes	Yes	Yes
3	CME339	Additive Manufacturing	Yes	Yes	Yes	Yes	Yes			Yes	Yes	Yes



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4	CME372	CAD & CAE	Yes	Yes	Yes	Yes	Yes			Yes		Yes
5	CME380	Automobile Engineering	Yes	Yes	Yes	Yes	Yes			Yes		Yes
6	OMX3084	Disaster Risk Reduction & Management	Yes	Yes	Yes	Yes	Yes					



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ODD Semester

Semester: 3

Sl. No	Subject code	Subject Name	PPT/ Keynotes/ Mind Map	Flipped Classroom (Dissemination of Study material- Camu)	Gamification (MCQ)/A ICTE 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
2	ME3351	Engineering Mechanics	Yes	Yes	Yes	Yes						Yes
3	ME3391	Engineering Thermodynamics	Yes	Yes	Yes	Yes						Yes
4	CE3391	Fluid Mechanics and Machinery	Yes	Yes	Yes	Yes				Yes		Yes



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5	ME3392	Engineering Materials and Metallurgy	Yes	Yes	Yes	Yes				Yes		Yes
6	ME3393	Manufacturing Process	Yes	Yes	Yes	Yes				Yes	Yes	Yes