



DMI COLLEGE OF ENGINEERING

(An Autonomous Institution)

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

EVEN Semester

Semester: 8

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	ME 3811	Project Work/ Internship				Yes		Yes	Yes	Yes	Yes	



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EVEN Semester

Semester: 6

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	ME3691	Heat and Mass Transfer	Yes	Yes	Yes	Yes	Yes			Yes		Yes
2	CME381	Design Concepts in Engineering	Yes	Yes	Yes	Yes	Yes	Yes		Yes		Yes
3	CME389	Design of Transmission System	Yes	Yes	Yes	Yes	Yes	Yes		Yes		Yes
4	CME390	Thermal Power Engineering	Yes	Yes	Yes	Yes	Yes			Yes		Yes



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5	CRA332	Drone Technologies	Yes	Yes	Yes	Yes	Yes			Yes		Yes
6	OCS351	Artificial Intelligence and Machine Learning Fundamentals	Yes	Yes	Yes	Yes	Yes			Yes		Yes
7	MX3089	Industrial Safety	Yes	Yes	Yes	Yes	Yes					Yes



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EVEN Semester

Semester: 4

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	ME3451	Thermal Engineering	Yes	Yes	Yes	Yes	Yes			Yes		Yes
2	ME3491	Theory of Machines	Yes	Yes	Yes	Yes	Yes	Yes		Yes		Yes
3	ME3492	Hydraulics and Pneumatics	Yes	Yes	Yes	Yes	Yes	Yes		Yes		Yes



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4	ME3493	Manufacturing Technology	Yes	Yes	Yes	Yes	Yes	Yes		Yes		Yes
5	CE3491	Strength Of Materials	Yes	Yes	Yes	Yes	Yes	Yes		Yes		Yes
6	GE3451	Environmental Sciences and Sustainability	Yes	Yes	Yes	Yes	Yes					Yes