

DEPARTMENT OF MECHANICAL ENGINEERING
COLLEGE OF TECHNOLOGY

S.No.	Course Code	Course Name	Credit hrs.
UNDERGRADUATE COURSES			
FINAL YEAR (2020 Batch) and (LE-2021 Batch)			
1.	TME-468	Solar Energy Therm. Processes (P.E.)	3(2-1-2)4
2.	TME-472	Fatigue Creep and Fracture (P.E.)	3(2-1-2)4
3.	TME-495B	Project II	8(0-0-16)
THIRD YEAR (2021 Batch) and (LE-2022 Batch)			
1.	TME-323	Theory of Machines	4(3-0-2)5
2.	TME-318	Design of Machine Elements	4(3-1-2)5
3.	TME-303	Refrigeration and Air Conditioning	4(3-1-2)5
4.	TME-464	Automobile Engineering (P.E.)	3(2-1-2)4
5.	TME-467	Power Plant Engineering (P.E.)	3(2-1-2)4
6.	TME-391	Practical Training-III	4Weeks
SECOND YEAR (2022 Batch) and (LE-2023 Batch)			
1.	TME-210	Fluid Mechanics	4(3-1-2)5
2.	TME-224	Numerical Techniques for Mechanical Engineers	3(2-0-2)4
3.	TME-216	Mechanics of Solids	4(3-1-2)5
4.	TME-218	Engineering Thermodynamics	4(3-1-0)4
5.	TME-206	Instrumentation & Control	4(3-0-2)5
6.	TME-214	Machine Drawing	1(0-0-2)2
7.	TME-291	Practical Training-II	2Weeks
Courses offered to the students of Other Departments			
1.	TME-140	Theory of Machines (AE-2021)	2(2-0-0)2
2.	TME-209	Mechanical Engineering (CE+PE 2020)	3(2-1-0)4
3.	TME-323	Theory of Machines (PE-2019)	4(3-0-2)5
4.	TME-234	Machine Design (PE-2020)	2(2-0-0)
5.	TME-335	Measurement Techniques (O.E.)	3(3-0-0)
6.	TME-447	Intro. to Non-conventional Energy Resources (O.E.)	3(3-0-0)
FIRST YEAR (2023 Batch)			
1.	TME-191	Practical Training-I	2Weeks
POSTGRADUATE COURSES			
1.	TME513	Advanced Gas Dynamics (Core)	3(3-0-0)
2.	TME516	Convective Heat Transfer (Core)	3(3-0-0)
3.	TME527	Thermal Lab-I (Core)	2(0-0-4)
4.	TME528	Thermal Lab-II (Core)	2(0-0-4)
5.	TME612	Fluid Dynamics of Turbomachines (Elective)	3(3-0-0)
6.	TME504	Principles of Combustion (Elective)	3(3-0-0)
7.	TME610	Solar Energy Thermal Processes (Elective)	3(3-0-0)
8.	TME509	Finite Element Method (Core)	3(3-0-0)
9.	TME517	Design Lab-I (Core)	2(0-0-4)
10.	TME518	Design Lab-II (Core)	2(0-0-4)
11.	TME653	Engineering Fracture Mechanics (Elective)	3(3-0-0)
12.	TME662	Advances in Measurement & Metrology(Elective)	3(3-0-0)
13.	TME667	Advanced Stress Analysis (Elective)	3(3-0-0)
14.	TME634	Advanced Machine Design (Elective)	3(3-0-0)
15.	TME705	Advanced Finite Element Method	3(3-0-0)
16.	TME601	Special Problem	1
17.	TME688/699/788/789	Master's seminar I/II and Doctoral Seminar I/II	1
18.	TME690/790	Master's Thesis/ Ph.D. Thesis	As required