

LIST OF COURSES REGISTERED BY THE STUDENTS (Updated on 12-03-2022)

M.Tech./M.Arch, Odd Semester, 2021-22

MECHANICAL ENGINEERING

S.No.	Crs. No.	Course Title	Credits	POPULATION			
				Mode a	Mode b	Mode c	Total
1	MEC6110	Industrial Automation	4	9	1	0	10
2	MEC6120	Introduction to Robotics	4	9	1	0	10
3	MEC6210	Operations Management	4	20	0	0	20
4	MEC6250	Metal Cutting Analysis	4	20	0	0	20
5	MEC6310	Advanced Mechanics of Solids	4	20	2	0	22
6	MEC6330	Advanced Design of Mechanical Systems	3	20	0	0	20
7	MEC6380	Advanced Dynamics	4	20	1	0	21
8	MEC6410	Advance Thermodynamics and Combustion	4	20	1	1	22
9	MEC6430	Advanced Conduction and Radiation Heat Transfer	4	20	4	0	24
10	MEC6450	Advanced Fluid Dynamics	4	20	4	0	24
11	MEC6911	Robotics Software Lab	2	9	1	0	10
12	MEC6921	Production Engineering Lab	2	20	1	0	21
13	MEC6931	Computational Mechanics Lab	2	20	0	0	20
14	MEC6941	Simulation Lab	2	20	1	0	21
15	MEC7822	Pre-Dissertation Seminar	2	0	1	0	1
16	MEC7832	Pre-Dissertation Seminar	2	0	4	0	4
17	MEC7842	Pre-Dissertation Seminar	2	1	4	0	5
18	MEC7911	Dissertation Phase-I	4	5	0	0	5
19	MEC7921	Dissertation Phase-I	4	18	0	0	18
20	MEC7922	Dissertation Phase-II	16	0	1	0	1
21	MEC7923	Ergonomics and Data Analytics Lab	2	17	0	0	17
22	MEC7931	Dissertation Phase-I	4	20	0	0	20
23	MEC7932	Dissertation Phase-II	16	0	4	0	4
24	MEC7941	Dissertation Phase-I	4	15	0	0	15
25	MEC7942	Dissertation Phase-II	16	1	4	0	5
26	MEE6160	Embedded Systems	4	9	1	0	10
27	MEE6620	Refrigeration & Cryogenics	4	10	0	0	10
28	MEE6710	Advanced Fracture Mechanics	4	10	0	0	10
29	MEE6720	Tribology	4	10	0	0	10
30	MEE6740	Theory of Plates & Shells	4	9	0	0	9
31	MEE6790	Experimental Stress Analysis	4	10	0	0	10
32	MEE7130	Virtual Instrumentation	4	5	0	0	5
33	MEE7210	Facility Planning and Plant Engineering	3	10	0	0	10
34	MEE7510	Welding Science	3	17	0	0	17
35	MEE7590	Foundry Technology	3	10	0	0	10
36	MEE7680	Computational Methods in Thermal & Fluid Engg.	4	4	0	0	4
37	MEO7120	Machine Learning	4	17	0	0	17
38	MES6260	Probability & Statistics	3	20	0	0	20
39	MES6400	Advanced Numerical Methods	4	49	0	0	49