

ZAKIR HUSAIN COLLEGE OF ENGINEERING & TECHNOLOGY

LIST OF REGISTERED COURSES (Updated on 21 May, 2022)

M.Tech./M.Arch., Even semester, 2021-22

MECHANICAL ENGINEERING

S.No.	Course No.	Course Title	Categ.	Credit.	Mode a	Mode b	Mode c	Total
1	MEC7832	Pre-Dissertation Seminar	PC	2	15	0	0	15
2	MEC7932	Dissertation Phase-II	PC	16	15	0	0	15
3	MEC7822	Pre-Dissertation Seminar	PC	2	16	0	0	16
4	MEC7922	Dissertation Phase-II	PC	16	16	0	0	16
5	MEC6922	Artificial Intelligence and Operations Research Lab	PC	2	20	1	0	21
6	MEC7812	Pre-Dissertation Seminar	PC	2	3	0	0	3
7	MEC7912	Dissertation Phase-II	PC	16	3	0	0	3
8	MEC7842	Pre-Dissertation Seminar	PC	2	13	0	0	13
9	MEC7942	Dissertation Phase-II	PC	16	13	0	0	13
10	MEC6320	Mechanisms	PC	4	20	0	0	20
11	MEC6340	Mechanics of Composite Materials	PC	4	20	0	0	20
12	MEC6932	Stress Analysis and Vibration Lab	PC	2	20	0	0	20
13	MEC6939	Project	PC	3	20	0	0	20
14	MEE7310	Continuum Mechanics	PE	4	9	0	0	9
15	MEE7350	Conditional Monitoring	PE	4	15	0	0	15
16	MEE6370	Finite Element Methods	PE	4	16	0	0	16
17	MEC6240	Advanced Manufacturing Processes	PC	4	20	0	0	20
18	MEC6270	Quality, Reliability and Maintenance	PC	4	20	0	0	20
19	MEC6929	Project	PC	3	20	0	0	20
20	MEE6550	Flexible Manufacturing Systems	PE	4	19	0	0	19
21	MEE6580	Ergonomics	PE	4	19	0	0	19
22	MEC6130	Robots Kinematics & Dynamics	PC	4	9	0	0	9
23	MEC6140	Autonomous Robots	PC	4	9	0	0	9
24	MEC6912	Robotics Hardware Lab	PC	2	9	0	0	9
25	MEC6919	Project	PC	3	9	0	0	9
26	MEC6460	Convective Heat Transfer	PC	4	20	0	0	20
27	MEC6942	Thermo-Fluid Lab.	PC	2	20	0	0	20
28	MEC6949	Project	PC	3	20	0	0	20

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29	MEE6690	Advanced I.C. Engines	PE	4	9	0	0	9
30	MEE7630	Solar Thermal Energy	PE	4	9	0	0	9
31	MEE6650	Sustainable and Renewable Energy Systems	PE	4	18	0	0	18
32	MEE6420	Multiphase Flows	PE	4	13	0	0	13
33	MEE6640	Turbulent Flows	PE	4	5	0	0	5