

Name of the Academic Department / Center: Mechanical Engineering												
	2022-23											
	Winter Semester (Jan-Apr 2023)											
Sl. No.	Course No.	Course Title	L	T	P	C	Type of Course (Compulsory / Open Elective/ Dept. Elective)	Offered to Whom (Program & Semester)	Name(s) of Course Instructor(s) of Jan-May 2023	Course Co- ordinator	Exam Slots	Class Slots
1	ME 101	Engineering Mechanics (Sec-A)	3	1	0	8	Compulsory	UG- II	SKD	SKD	A	A
2	ME 101	Engineering Mechanics (Sec-B)	3	1	0	8	Compulsory	UG- II	PB			
3	ME 101	Engineering Mechanics (Sec-C)	3	1	0	8	Compulsory	UG- II	AB			
4	ME 101	Engineering Mechanics Tutor					Compulsory	UG- II	SAT, RKM, DNB, SMH, RT, SB, BSR, PRM, DS, PK, KK, NS, AMD, PKH			F 8-9
5	ME 110	Workshop – I	0	0	3	3	Compulsory	UG- II	MD,UKS,SK(C),DC,USD	SK		2 to 5
6	ME 221	Fluid Mechanics – I I (Div-1)	3	0	0	6	Compulsory	UG-IV	PRM	AS	A	A
7	ME 221	Fluid Mechanics – II (Div-2)	3	0	0	6	Compulsory	UG-IV	AS			
8	ME 222	Manufacturing Technology – I (Div-1)	3	0	0	6	Compulsory	UG-IV	SB	SB	B	B (Th,M) + W11-12
9	ME 222	Manufacturing Technology – I (Div-2)	3	0	0	6	Compulsory	UG-IV	PKH			B (M) + W, Th 11-12
10	ME 223	Solid Mechanics – II (Div-1)	3	0	0	6	Compulsory	UG-IV	USD	USD	C	C
11	ME 223	Solid Mechanics – II (Div-2)	3	0	0	6	Compulsory	UG-IV	NM			C (Tu, Th) + F 8-9
12	ME 224	Kinematics of Machinery (Div-1)	2	1	0	6	Compulsory	UG-IV	SKP	SKP	D	D
13	ME 224	Kinematics of Machinery (Div-2)	2	1	0	6	Compulsory	UG-IV	BSR			
14	ME 225	Mechanical Workshop – II (Div-1)	0	0	6	6	Compulsory	UG-IV	RGN	BP		W, Th 2-5
15	ME 225	Mechanical Workshop – II (Div-2)	0	0	6	6	Compulsory	UG-IV	BP			M, Tu 2-5
16	ME 226	Mechanical Engineering Lab – II (Div-1) (Kinematics, Data Acquisition, Turbomachinery)	0	0	3	3	Compulsory	UG-IV	AN(K), AS(T), SUP(D)	AS		M 2-5
17	ME 226	Mechanical Engineering Lab – II (Div-2)	0	0	3	3	Compulsory	UG-IV	SSG(K), GM(T), VK(D)			W 2-5
18	ME 321	Applied Thermodynamics (Div-1)	3	0	0	6	Compulsory	UG-VI	NS	TKM	A1	A1
19	ME 321	Applied Thermodynamics (Div-2)	3	0	0	6	Compulsory	UG-VI	TKM			
20	ME 322	Machine Design (Div I)	2	0	2	6	Compulsory	UG-VI	SKK	PK	B1	C1 + W4-5
21	ME 322	Machine Design (Div II)	2	0	2	6	Compulsory	UG-VI	PK			
22	ME 323	Mechanical Measurements (Div I)	3	0	0	6	Compulsory	UG-VI	SAT	BP	C1	B1 (Th, F) + M11-12
23	ME 323	Mechanical Measurements (Div II)	3	0	0	6	Compulsory	UG-VI	BP			
24	ME 324	Industrial Engineering and Operations Research.	3	0	0	6	Compulsory	UG-VI	MD	MD	D1	D1
25	ME 324	Industrial Engineering and Operations Research	3	0	0	6	Compulsory	UG-VI				
26	ME 325	Control Systems (Div I)	3	0	0	6	Compulsory	UG-VI	KK	SP	F1	F1 (M,F) + Th4-5
27	ME 325	Control Systems (Div II)	3	0	0	6	Compulsory	UG-VI	SP			

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28	ME 326	Mechanical Engineering Lab – IV (Tribology, Thermal Science, Instrumentation and Control)	0	0	3	3	Compulsory	UG-VI	RKM(Tr), AD(Th), IPDF(IC), SP (I)	NM		F 10-1
29	ME 326	Mechanical Engineering Lab – IV	0	0	3	3	Compulsory	UG-VI	NM(Tr), MP(Th), SNJ(I), IPDF(IC)			W 10-1
30	ME202M	Mechatronics	2	0	2	6	Minor	UG-IV	SNJ		F	F+Mon 12-1
31	ME302M	Fundamentals of Artificial Intelligence	2	0	2	6	Minor	UG-VI	SMH		G1	G1 + W6-7
32	ME399	BTP Phase II	0	0	3	3	Compulsory	UG-VI	MD			
33	ME499	BTP Phase IV	0	0	12	12	Compulsory	UG-VIII	MD			
34	ME 511	Engineering Materials and Characterization	3	0	0	6	Compulsory	PG	SUP		C	C
35	ME 513	Physics of Deformation Processes	3	0	0	6	Compulsory	PG	RGN		B	B
36	ME 515	Manufacturing Laboratory	0	0	6	6	Compulsory	PG	SKP. IPDF	SKP		W, Th 3-6
37	ME 522	Convective Heat Transfer	3	0	0	6	Compulsory	PG	AD		E1	D1
38	ME 541	Continuum Mechanics	3	0	0	6	Compulsory	PG	AN		A	A
39	ME 542	Numerical Analysis	2	0	2	6	Compulsory	PG	DS		B	B (Th,M) + W11-1
40	ME 544	Computational Mechanics Laboratory	0	0	2	2	Compulsory	PG	BK			M2-4
41	ME 552	Aircraft Propulsion	3	0	0	6	Compulsory	PG	UKS		A	A
42	ME 553	Gas Dynamics	3	0	0	6	Compulsory	PG	BK		G	W 2-3, Tu 3-4, Th 12-1
43	ME 554	Rocket Propulsion	3	0	0	6	Compulsory	PG	VK		E1	D1
44	ME 505	MTP Phase II	0	0	24	24	Compulsory	PG	KK			
		ELECTIVES										
45	ME 605	Fracture, Fatigue and Failure Analysis	3	0	0	6	ELECTIVE		KSRKM		E1	D1
46	ME 607	Introduction to Composite Materials	3	0	0	6	ELECTIVE		DC		C	C
47	ME 612	Nuclear Energy: Concepts and Applications	3	0	0	6	ELECTIVE		DNB		G	Tu, W, Th 8-9
48	ME 615	Rotor Dynamics	3	0	0	6	ELECTIVE		RT		D	D
49	ME 619	Fundamentals of Microfluidics	3	0	0	6	ELECTIVE		AMD		C	C
50	ME657	Two Phase Flow and Heat Transfer	3	0	0	6	ELECTIVE		MP		B	B
51	ME 670	Advanced Computational Fluid Dynamics	3	0	0	6	ELECTIVE		GM		D	D
52	ME 682	Nonlinear Finite Element Methods	3	0	0	6	ELECTIVE		SSG		F1	F1
53	ME 683	Computational Gas Dynamics	3	0	0	6	ELECTIVE		TKM		D	D
54	ME 688	Advanced machining processes	3	0	0	6	ELECTIVE		RKM		A	A (M,Tu) + Th (11-12)
55	ME696	Biomedical Devices and Systems	3	0	0	6	ELECTIVE		SK		F	F
	AMD	Amaresh Dalal						KSRKM	K S R Krishna Murthy		SK	S Kanagaraj

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