Name of the Academic Department / Center: Mechanical Engineering											
Academic Year	2021- 2022										
Session:	Winter Semester (Jan-Apr 2022)										
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)**	**Exam Slots**	**Class Slots**
1	ME 101	Engineering Mechanics (Sec-A)	3	1	0	8	Compulsory	UG- II	SKD		
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	AN		
4	ME 101	Engineering Mechanics Tutor					Compulsory	UG- II	USD, PK, DNB, BK,SSG,AB,SB,DS,SAT,KK,NS,TKM,SM,RT		Fri 8 to 9
5	ME 110	Workshop – I	0	0	3	3	Compulsory	UG- II	RGN,SK© ,TKM,MD,UKS		Mon, Tue, Wed, Thu, Fri 2 to 5
6	ME 221	Fluid Mechanics – I I (Div-1)	3	0	0	6	Compulsory	UG-IV	AD	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	SSV	B	B
9	ME 222	Manufacturing Technology – I (Div-2)	3	0	0	6	Compulsory	UG-IV	PSR		
10	ME 223	Solid Mechanics – II (Div-1)	3	0	0	6	Compulsory	UG-IV	USD	C	C
11	ME 223	Solid Mechanics – II (Div-2)	3	0	0	6	Compulsory	UG-IV	NM		
12	ME 224	Kinematics of Machinery (Div-1)	2	1	0	6	Compulsory	UG-IV	SKP	D	D, Thu 11 to 12
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	SAT		Tue, Thu – 2 to 5
15	ME 225	Mechanical Workshop – II (Div-2)	0	0	6	6	Compulsory	UG-IV	BP		Wed, Fri – 2to5
16	ME 226	Mechanical Engineering Lab – II (Div-1) (Kinematics, Data Acquisition, Turbomachinery)	0	0	3	3	Compulsory	UG-IV	BSR (K)© , AS(T),DB(D)		Fri 2 to 5
17	ME 226	Mechanical Engineering Lab – II (Div-2)	0	0	3	3	Compulsory	UG-IV	AKD(T),KK(D), SMH(K)		Thu 2 to 5
18	ME 321	Applied Thermodynamics (Div-1)	3	0	0	6	Compulsory	UG-VI	NS	A1	Mon 2to3, Tue 12 to 1, Wed 3 to 4
19	ME 321	Applied Thermodynamics (Div-2)	3	0	0	6	Compulsory	UG-VI	PRM		Mon 2to3, Tue 12 to 1, Wed 3 to 4
20	ME 322	Machine Design (Div I)	2	0	2	6	Compulsory	UG-VI	SKK	B1	B1
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	DB	D1	D1, Fri 11 to 12
23	ME 323	Mechanical Measurements (Div II)	3	0	0	6	Compulsory	UG-VI	BP		
24	ME 324	Industrial Engineering and Operations Reseach.	3	0	0	6	Compulsory	UG-VI	DS	E1	E1, Fri 12 to 1
25	ME 324	Industrial Engineering and Operations Researc	3	0	0	6	Compulsory	UG-VI	MD		
26	ME 325	Control Systems (Div I)	3	0	0	6	Compulsory	UG-VI	KK	F1	F1
27	ME 325	Control Systems (Div II)	3	0	0	6	Compulsory	UG-VI	SP		
28	ME 326	Mechanical Engineering Lab – IV (Tribology, Thermal Science, Instrumentation and Control)	0	0	3	3	Compulsory	UG-VI	SNJ(I&C)©, AD(Th),NM (Tr), AD(IC)		Fri 9 to 12
29	ME 326	Mechanical Engineering Lab – IV	0	0	3	3	Compulsory	UG-VI	PRM(I&C), MP(IC),MP(Th),SSV(Tr)		Tue 9 to 12
30	ME202M	Mechatronics	2	0	2	6	Minor	UG-IV	SNJ	G	G, Wed 11to12
31	ME302M	Fundamentals of Artificial Intelligence	2	0	2	6	Minor	UG-VI	SMH	G1	G1, Wed 6to7
32	ME399	BTP Phase II	0	0	3	3	Compulsory	UG-VI	PK		

33	ME499	BTP Phase IV	0	0	12	12	Compulsory	UG-VIII	AD		
34	ME 511	Engineering Materials and Characterization	3	0	0	6	Compulsory	PG	PKH		E	E, Tue 2 to 3
35	ME 513	Physics of Deformation Processes	3	0	0	6	Compulsory	PG	RGN		A	B
36	ME 515	Manufacturing Laboratory	0	0	6	6	Compulsory	PG	SKP			Tue 10 to 1, Mon 2 to 5
37	ME 522	Convective Heat Transfer	3	0	0	6	Compulsory	PG	AMD		A	B
38	ME 541	Continuum Mechanics	3	0	0	6	Compulsory	PG	SSG		E	E, Tue 2 to 3
39	ME 542	Numerical Analysis	2	0	2	6	Compulsory	PG	AB		B	A, Wed 3 to 5
40	ME 544	Computational Mechanics Laboratory	0	0	2	2	Compulsory	PG	GM			Fri 2 to 4
41	ME 552	Aircraft Propulsion	3	0	0	6	Compulsory	PG	VK		E	E, Tue 2 to 3
42	ME 553	Gas Dynamics	3	0	0	6	Compulsory	PG	BK		B	A
43	ME 554	Rocket Propulsion	3	0	0	6	Compulsory	PG	UKS		C	C
44	ME 505	MTP Phase II	0	0	24	24	Compulsory	PG	KK			
		ELECTIVES										
42	ME 605	Fracture, Fatigue and Failure Analysis	3	0	0	6	ELECTIVE		KSRKM		C	Tue, Thu 4 to 5; Wed 5 to 6
43	ME 607	Introduction to Composite Materials	3	0	0	6	ELECTIVE		DC		A	B
44	ME 612	Nuclear Energy: Concepts and Applications	3	0	0	6	ELECTIVE		DNB		B	A
45	ME 615	Rotor Dynamics	3	0	0	6	ELECTIVE		RT		D	D
46	ME 619	Fundamentals of Microfluidics	3	0	0	6	ELECTIVE		SM		C1	C1, Wed 2 to 3
47	ME 621	Refrigeration and Air-conditioning	3	0	0	6	ELECTIVE		PMK		C	C
48	ME 628	Additive Manufacturing	2	0	2	6	ELECTIVE		SB		B	A, Wed 3 to 5
49	ME 648	Viscous Fluid Flow	3	0	0	6	ELECTIVE		AKD		D	D
50	ME657	Two Phase Flow and Heat Transfer	3	0	0	6	ELECTIVE		MP		E	E
51	ME 670	Advanced Computational Fluid Dynamics	3	0	0	6	ELECTIVE		GM		C1	C1, Wed 2 to 3
52	ME 674	Soft Computing in Engineering	3	0	0	6	ELECTIVE		SUP		G	G
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		C1	C1, Wed 2 to 3
55	ME 668	Sports Biomechanics	2	0	2	6	ELECTIVE		SK		F1	F1, Tue 6to7

	AMD	Amaresh Dalal					KSRKM	K S R Krishna Murthy			SK	S Kanagaraj
	AB	Atanu Banerjee					MD	Manas Das			SKD	S K Dwivedy
	AD	Arnab K De					MP	Manmohan Pandey			SKK	S K Kakoty
	AKD	Anoop K Dass					NM	Nelson Muthu			SNJ	Shrikrishna N Joshi
	AN	Arup Nandy					NS	Niranjan Sahoo			SP	Satyajit Panda
	AS	Atul K. Soti					PB	Pankaj Biswas			SSG	Sachin S Gautam
	BK	Bhaskar Kumar					PK	Punam Kumari			SMH	Shyamanta M. Hazarika
	BP	Biranchi Panda					PKH	Prasenjit Khanikar			SM	Subhadeep Mandal
	BSR	B Sandeep Reddy					PMK	P Muthukumar			SKP	Sajan Kapil

	DB	D Bandopadhya					PRM	Pranab Kumar Mondal		SSV	S Senthilvelan
	DC	D. Chakraborty					PSR	P S Robi		SUP	Sukhomay Pal
	DNB	Dipankar N Basu					RGN	R Ganesh Narayanan		TKM	Tapan K. Mankodi
	DS	Deepak Sharma					RKM	Rinku Mittal		UKS	U K Saha
	GM	G Madhusudana					RT	R Tiwari		USD	U S Dixit
	KK	Karuna Kalita					SAT	Satish Panda		VK	Vinayak Kukarni
							SB	Swarup Bag			