

Mechanical Engg			Semester (January - May 2021)					
Sl. No.	Course No. (XX abc)	Course Title	L	T	P	C	Name(s) of Course Instructor(s), if it is finalized	Coordinator
1	ME101	Engineering Mechanics	3	1	0	8	S. K. Dwivedy	Nelson Muthu
2	ME101	Engineering Mechanics	3	1	0	8	Nelson Muthu	
3	ME101	Engineering Mechanics	3	1	0	8	Pankaj Biswas	
4	ME101	Engineering Mechanics	3	1	0	8	CIVIL	
5	ME101	Engineering Mechanics Tutor (Total 14)	3	1	0	8	Arup Nandy, Atanu Banerjee, Manmohan Pandey, Deepak Sharma, Karuna Kalita, Mankodi Tapan Krishnakumar, Niranjana Sahoo, Poonam Kumari, Sachin Sinsh Gautam, Satyajit Panda, Shyamanta M Hazarika, Sukhomay Pal, Swarup Bag, Uday Shankar Dixit.	
6	CE101	Engineering Drawing (Instructor)	2	0	3	7	S. Senthilvelan	
7	CE101	Engineering Drawing (Tutor)	2	0	3	7	Bhaskar Kumar, P Muthukumar, R Ganesh Narayanan, Aparna-IPDF, Vinayak Kulkarni, D N Basu	D N Basu
9	ME221	Fluid Mechanics – I I (Div-1)	2	1	0	6	Arnab Kr. De	Atul K Soti
10	ME221	Fluid Mechanics – II (Div-2)	2	1	0	6	Atul K. Soti	
11	ME223	Solid Mechanics – II (Div-1)	3	0	0	6	Uday Shanker Dixit	Arup Nandy
12	ME223	Solid Mechanics – II (Div-2)	3	0	0	6	Arup Nandy	
13	ME224	Kinematics of Machinery (Div-1)	2	1	0	6	Basireddy Sandeep Reddy	Saion Kanil

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14	ME224	Kinematics of Machinery (Div-2)	2	1	0	6	Sajan Kapil	Sajan Kapil
15	ME225	Mechanical Workshop – II	0	0	6	6	Biranchi Panda	
16	ME226	Mechanical Engineering Lab – II	0	0	3	3	Atul K. Soti (Data Acquisition), Sandeep Reddy (Kinematics), (Turbomachinery) Basireddy U. K. Saha	Basireddy Sandeep Reddy
17	ME215	Machine Drawing	0	0	3	3	Debabrata Chakraborty, Murthy K.S.R.K.	Debabrata Chakraborty
18	ME216	Mechanical Engineering Lab – I	0	0	3	3	Subramani Kanagaraj (Strength of Materials), Shubhadeep Mandal (Fluid Mechanics and Hydraulics), Khanikar (Materials Science) Prasenjit	Subhadeep Mandal
19	ME202M	Mechantronics	2	0	2	6	Shyamanta M. Hazarika	
20	ME321	Applied Thermodynamics – I (Div-1)	3	0	0	6	Niranjan Sahoo	Pranab Kumar Mondal
21	ME321	Applied Thermodynamics – I (Div-2)	3	0	0	6	Pranab Kumar Mondal	
22	ME322	Machine Design (Div I)	2	0	2	6	S. K. Kakoty	Poonam Kumari
23	ME322	Machine Design (Div II)	2	0	2	6	Poonam Kumari	
24	ME323	Mechanical Measurements (Div I)	3	0	0	6	Dibakar Bandopadhyay	Biranchi Panda
25	ME323	Mechanical Measurements (Div II)	3	0	0	6	Biranchi Panda	
26	ME324	Industrial Engineering and Operations Reseach (Div I)	3	1	0	8	Swarup Bag	Manas Das
27	ME324	Industrial Engineering and Operations Reseach (Div II)	3	1	0	8	Manas Das	

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28	ME325	Control Systems (Div I)	3	0	0	6	Karuna Kalita	Satyajit Panda
29	ME325	Control Systems (Div II)	3	0	0	6	Satyajit Panda	
30	ME326	Mechanical Engineering Lab – IV(New curriculum)	0	0	3	3	Srnivasan-IPDF(Control Systems) Pranab Kumar Mondal (Tribology), Amaresh Dalal (Thermal Science)	Amaresh Dalal
31	ME315	Mechanical Engineering Lab – III	0	0	3	3	Tonmoy Medhi-IPDF (Theory of Machines), Shrikrishna N Joshi (Metrology), Sathish Kumar-IPDF (Vibration)	Srikrishna N Joshi
32	ME412	Mechanical Engineering Lab – IV (old curriculum)	0	0	3	3	Rajiv Tiwari (Vibration), Manas Das (Tribology), Dibakar Bandopadhyay (Instrumentation and Control)	Manas Das
33	ME421	Industrial Engineering and Operations Research	3	0	0	6	Deepak Sharma	
34	ME511	Engineering Materials and Characterization	3	0	0	6	Prasenjit Khanikar	
35	ME513	Physics of Deformation Processes	3	0	0	6	R. Ganesh Narayanan	
36	ME515	Manufacturing Laboratory	0	0	6	6	Sajan Kapil	
37	ME522	Convective Heat and Mass Transfer	3	0	0	6	Amaresh Dalal	
38	ME541	Continuum Mechanics	3	0	0	6	Sachin Singh Gautam	
39	ME542	Numerical Analysis	2	0	2	6	Atanu Banerjee	
40	ME544	Computational Mechanics Laboratory	0	0	2	2	Arnab Kr. De	
41	ME552	Aircraft Propulsion	3	0	0	6	Vinayak Kulkarni	
42	ME553	Gas Dynamics	3	0	0	6	Bhaskar Kumar	

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43	ME554	Rocket Propulsion	3	0	0	6	U. K. Saha	
		ELECTIVES						
1	ME605	Fracture, Fatigue and Failure Analysis	3	0	0	6	K S R K Murthy	
2	ME607	Introduction to Composite Materials	3	0	0	6	Debabrata Chakraborty	
3	ME608	CAD/CAM	2	0	2	6	Shrikrishna N Joshi	
4	ME615	Rotor Dynamics	3	0	0	6	Rajiv Tiwari	
5	ME619	Fundamentals of Microfluidics	3	0	0	6	Subhadeep Mandal	
6	ME621	Refrigeration and Airconditioning	3	0	0	6	P. Muthukumar	
7	ME628	Additive Manufacturing	2	0	2	6	Swarup Bag	
8	ME648	Viscous Fluid Flow	3	0	0	6	Anoop K. Dass	
9	ME657	Two Phase Flow and Heat Transfer	3	0	0	6	Manmohan Pandey	
10	ME670	Advanced Computational Fluid Dynamics	3	0	0	6	G Madhusudhana	
11	ME671	Biomaterials: Design and Applications	3	0	0	6	Subramani Kanagaraj	
12	ME674	Soft Computing for Engineers	3	0	0	6	Sukhomay Pal	
13	ME680	Experimental Methods	2	0	2	6	D. N. Basu	
14	ME683	Computational Gas Dynamics	3	0	0	6	Mankodi Tapan Krishnakumar	
15	ME511	Engineering Materials and Characterization	3	0	0	6	Prasenjit Khanikar	
16	ME513	Physics of Deformation Processes	3	0	0	6	R. Ganesh Narayanan	
17	ME522	Convective Heat and Mass Transfer	3	0	0	6	Amaresh Dalal	
18	ME552	Aircraft Propulsion	3	0	0	6	Vinayak Kulkarni	
19	ME553	Gas Dynamics	3	0	0	6	Bhaskar Kumar	
20	ME554	Rocket Propulsion	3	0	0	6	U. K. Saha	