

Course Offering  
Semester: Spring 2024  
**Program: Mechanical Engineering**

S.#	Code	Course Title	Status	Section	Hidden Sec.	Pre-Req.	Co-Req.	Semester	Remarks
1.	MEG1412	Sociology	Humanity	1	0	Nil	Nil	2	
2.	MTME1043	Applied Differential Equation	Required	1	0	MEG1513	Nil	2	Click here to enter text.
3.	ME1113	Thermodynamics-I	Core	1	0	Nil	Nil	2	Click here to enter text.
4.	ME1011	Engineering Drawing and Graphics	Core	1	0	Nil	Nil	2	Click here to enter text.
5.	ME1021	Engineering Drawing and Graphics Lab	Core	1	0	Nil	ME1011	2	Click here to enter text.
6.	ME1213	Engineering Statics	Core	1	0	Nil	Nil	2	Click here to enter text.
7.	ME1811	Workshop Practice–II	Core	2	0	Nil	Nil	2	Click here to enter text.
8.	MEG1153	English III (Technical Report Writing)	Humanity	1	0	Nil	Nil	2	Click here to enter text.
9.	MTME2063	Linear Algebra and Numerical Analysis	Required	1	0	MTME1043	Nil	4	Click here to enter text.
10.	ME3312	Precision Engg. & Metrology	Core	1	0	Nil	Nil	4	Click here to enter text.
11.	ME3311	Precision Engg. & Metrology Lab	Core	2	0	Nil	ME3312	4	Click here to enter text.
12.	ME3243	Mechanics of Materials-II	Core	1	0	ME2233	Nil	4	Click here to enter text.
13.	ME3241	Mechanics of Materials Lab	Core	2	0	Nil	ME3243	4	Click here to enter text.
14.	ME2513	Fluid Mechanics-I	Core	1	0	Nil	Nil	4	Click here to enter text.
15.	ME2033	Mechanics of Machines	Core	1	0	ME2223	Nil	4	Click here to enter text.
16.	MEG1012	Islamic Studies/Ethics	Humanity	1	0	Nil	Nil	4	Click here to enter text.
17.	HMME2003	English-III (Technical Report	Humanity	1	0	Nil	Nil	6	

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		Writing)							
18.	MTME3073	Engineering Statistics	Core	1	0	Nil	Nil	6	Click here to enter text.
19.	HMME3761	Health Safety and Environment	Core	1	0	Nil	Nil	6	Click here to enter text.
20.	ME3133	Heat & Mass Transfer	Core	1	0	ME2123&ME3523	Nil	6	Click here to enter text.
21.	ME3131	Heat & Mass Transfer Lab	Core	2	0	Nil	ME3133	6	Click here to enter text.
22.	ME3052	Machine Design-II	Core	1	0	ME 3043	Nil	6	Click here to enter text.
23.	ME3081	Computer Aided Designing (CAD) Lab	Core	1	0	ME1021	ME3052	6	Click here to enter text.
24.	ME3062	Introduction to Finite Element Methods	Core	1	0	MTME2063	Nil	6	Click here to enter text.
25.	ME3061	Introduction to Finite Element Methods Lab	Core	1	0	Nil	ME 3062	6	Click here to enter text.
26.	ME4253	Mechanical Vibrations	Core	1	0	ME 2223	Nil	8	
27.	ME4173	Power Plants	Core	1	0	ME 2123	Nil	8	Click here to enter text.
28.	ME4783	Introduction to Biomedical Engineering	Elective	1	0	Nil	Nil	8	Click here to enter text.
29.	ME4703	Introduction to Electric and Hybrid Vehicles	Elective	1	0	ME 4012	Nil	8	Click here to enter text.
30.	HMME4782	Entrepreneurship	Man.Elect	1	0	Nil	Nil	8	Click here to enter text.
31.	HMME4732	Total Quality Management	Man.Elect	1	0	Nil	Nil	8	
32.	ME4923	Design Project- II	Core	1	0	ME 4913	Nil	8	
33.	ME4261	Mechanisms and Mechanical Vibration Lab	Core	3	0	Nil	ME 4253	8	
34.	ME6713	Applied Machine Learning for Engineers	Elective	1	0	Nil	Nil	Any	Jointly offered with EM
35.	ME5653	Manufacturing System Design and	Elective	1	0	Nil	Nil	Any	Jointly offered with EM

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		Analysis							with same code
36.	ME6063	Fracture Mechanics	Elective	1	0	Nil	Nil	Any	Graduate Course
37.	ME5513	Computational Fluid Dynamics	Elective	1	0	Nil	Nil	Any	Graduate Course