

Course Offering  
Semester: Fall 2021  
**Program:BS Mechanical Engineering**

S.#	Code	Course Title	Status	Section	Pre-Req.	Co-Req.	Semester	Remarks
1.	MTME1013	Calculus and Analytical Geometry	Required	2	Nil	Nil	1	Click here to enter text.
2.	PHME1012	Applied Physics	Required	2	Nil	Nil	1	Click here to enter text.
3.	PHME1011	Applied Physics Lab	Required	4	Nil	PHME1012	1	Click here to enter text.
4.	HMME1013	English–I	English	2	Nil	Nil	1	Click here to enter text.
5.	CHME1012	Applied Chemistry	Core	2	Nil	Nil	1	Click here to enter text.
6.	CSME1012	Computer System & Programming	Required	2	Nil	Nil	1	Click here to enter text.
7.	CSME1011	Computer System & Program. Lab	Required	2	Nil	CSME1012	1	Click here to enter text.
8.	ME1801	Workshop Practice–I	Core	4	Nil	Nil	1	Click here to enter text.
9.	HMME1002	Pakistan Studies	Humanity	2	Nil	Nil	1	Click here to enter text.
10.	EEME2752	Electronics Engineering	Required	2	Nil	Nil	3	Click here to enter text.
11.	EEME2751	Electronics Engineering Lab	Required	4	Nil	EEME2752	3	Click here to enter text.
12.	HMME1023	English II	Humanity	2	Nil	Nil	3	Click here to enter text.
13.	ME2123	Thermodynamics-II	Core	2	ME1113	Nil	3	Click here to enter text.
14.	ME2223	Engineering Dynamics	Core	2	ME1213	Nil	3	Click here to enter text.
15.	ME2121	Thermodynamics Lab	Core	4	Nil	ME2123	3	Click here to enter text.
16.	ME2221	Engineering Mechanics Lab	Core	4	Nil	ME2223	3	Click here to enter text.
17.	ME2233	Mechanics of Materials-I	Core	2	ME1213	Nil	3	Click here to enter text.
18.	MTME2053	Complex Variables and Transforms	Required	2	MTME104 3	Nil	5	Click here to enter text.
19.	HMME3712	Engg. Economics	M. Elect.	2	Nil	Nil	5	Click here to enter text.

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20.	ME3523	Fluid Mechanics-II	Core	2	ME2513	Nil	5	Click here to enter text.
21.	ME3521	Fluid Mechanics Lab	Core	4	Nil	ME3523	5	Click here to enter text.
22.	ME3613	Manufacturing Processes	Core	2	Nil	Nil	5	Click here to enter text.
23.	ME3611	Manufacturing Processes Lab	Core	4	Nil	ME3613	5	Click here to enter text.
24.	ME 3043	Machine Design -I	Core	2	ME1011	Nil	5	Click here to enter text.
25.	HMME3132	Professional Ethics	Humanity	2	Nil	Nil	5	Click here to enter text.
26.	EEME 4012	Control Engineering	Required	2	MTME206 3	ME4871	7	Click here to enter text.
27.	EEME 4011	Control Engineering Lab	Required	2	MTME206 3	ME4871	7	Click here to enter text.
28.	ME 4552	Computational Fluid Dynamics	Required	1	Nil	Nil	7	Click here to enter text.
29.	ME 4551	Computational Fluid Dynamics Lab	Required	1	Nil	Nil	7	Click here to enter text.
30.	ME 4613	Renewable Energy and Technology	Required	1	Nil	Nil	7	Click here to enter text.
31.	ME 4153	Refrigeration and Air Conditioning	Core	2	ME 3133	ME 4151	7	Click here to enter text.
32.	ME 4151	Refrigeration and Air Conditioning Lab	Core	4	ME 4153	ME 4153	7	Click here to enter text.
33.	ME 4913	Design Project - I	Core	1	Nil	Nil	7	Click here to enter text.
34.	ME4142	Internal Combustion Engines	Core	2	ME 3133	ME 4141	7	Click here to enter text.
35.	ME4141	Internal Combustion Engines Lab	Core	4	Nil	ME 4142	7	Click here to enter text.