

Course Offering
Semester: Fall 2025
Program:BS Mechanical Engineering

S.#	Code	Course Title	Status	No of Section	Pre-Req.	Co-Req.	Semester	Batch
1.	MEG1113	Functional English	General	1	Nil	Nil	1	BME-253
2.	MEG1513	Calculus and Analytical Geometry	General	1	Nil	Nil	1	BME-253
3.	MEG1312	Applied Physics	General	1	Nil	MEG1311	1	BME-253
4.	MEG1311	Applied Physics Lab	General	3	Nil	MEG1312	1	BME-253
5.	MEG1012	Islamic Studies/Ethics	General	1	Nil	Nil	1	BME-253
6.	MEG1612	Applications of Information & Communication Technologies	General	1	Nil	MEG1611	1	BME-253
7.	MEG1611	Applications of Information & Communication Technologies Lab	General	1	Nil	MEG1612	1	BME-253
8.	ME1801	Workshop Practice–I	Major (Foundation)	3	Nil	Nil	1	BME-253
9.	MEG2812	Civics and Professional Ethics	General	1	Nil	Nil	3	BME-243

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10.	MEG1022	Ideology and Constitution of Pakistan	General	1	Nil	Nil	3	BME-243
11.	ME2123	Thermodynamics-II	Major (Breadth)	1	ME1113	ME2121	3	BME-243
12.	ME2412	Engineering Materials	Major (Foundation)	1	Nil	Nil	3	BME-243
13.	ME2121	Thermodynamics Lab	Major (Breadth)	2	Nil	ME2123	3	BME-243
14.	ME2221	Engineering Mechanics Lab	Major (Foundation)	2	Nil	Nil	3	BME-243
15.	ME2233	Mechanics of Materials-I	Major (Foundation)	1	ME1213	Nil	3	BME-243
16.	MEG2523	Probability & Statistics	General	1	Nil	Nil	3	BME-243
17.	ME3752	Numerical Analysis	Major (Computer and Information Sciences)	1	MTME1043	ME 3751	5	BME-233
18.	ME3033	Mechanics of Machines	Major (Foundation)	1	Nil	Nil	5	BME-233
19.	ME3523	Fluid Mechanics-II	Major (Breadth)	1	ME2513	ME3521	5	BME-233
20.	ME3521	Fluid Mechanics Lab	Major (Breadth)	2	Nil	ME3523	5	BME-233

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21.	ME3613	Manufacturing Processes	Major (Foundation)	1	Nil	ME3611	5	BME-233
22.	ME3611	Manufacturing Processes Lab	Major (Foundation)	2	Nil	ME3613	5	BME-233
23.	ME3043	Machine Design-I	Major (Breadth)	1	ME2243	Nil	5	BME-233
24.	MEG1032	Pakistan Studies	General	1	Nil	Nil	5	BME-233
25.	ME3751	Numerical Analysis Lab	Major (Computer and Information Sciences)	1	Nil	ME 3752	5	BME-233
26.	EEME4012	Control Engineering	IDC	1	MTME2053	EEME4011	7	BME-223
27.	EEME4011	Control Engineering Lab	IDC	1	Nil	EEME4012	7	BME-223
28.	ME4783	Introduction to Biomedical Engineering	Technical Elective	1	Nil	Nil	7	BME-223
29.	ME4153	Refrigeration and Air Conditioning	Major (Depth)	1	ME3133	ME4151	7	BME-223
30.	ME4151	Refrigeration and Air Conditioning Lab	Major (Depth)	1	Nil	ME4153	7	BME-223
31.	ME4913	Design Project - I	Design Project	1	Nil	Nil	7	BME-223

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32.	ME4142	Internal Combustion Engines	Major (Depth)	1	ME3133	ME4141	7	BME-223
33.	ME4141	Internal Combustion Engines Lab	Major (Depth)	1	Nil	ME4142	7	BME-223