

KIET GROUP OF INSTITUTIONS

(An Autonomous Institution, Affiliated to AKTU, Lucknow, UP)

Approved by AICTE, New Delhi

Delhi-NCR, Ghaziabad-Meerut Road, Ghaziabad-201206

Mechanical Engineering (ME)

1st Year SYLLABUS

Effective from the Session: 2025-26

B.Tech 1st Year (2025-2029 Batch)

B.Tech (ME) 1st Sem

S. No.	Subject Code	Subject Name
1	MA101L	Calculus for Engineers
2	PH101L	Semiconductor Physics and Devices
3	IT101L	Programming For Problem Solving
4	EE102L	Explorations in Electrical Engineering
5	IT103L	Design Thinking
6	EE112B/ME101B	Introduction to IoT/Design and Realization
7	PH101P	Semiconductor Physics and Devices Lab
8	IT101P	Programming For Problem Solving Lab
9	EE102P	Explorations in Electrical Engineering Lab
10	HS101P/HS1XXP	Communication Skills/ foreign Language
11	HS1XXP	Indian Knowledge System

B. Tech (ME) 2nd Sem

S No.	Course Code	Course Name
1	MA104L	Differential Equations & Complex Integration
2	CH101L	Environmental Chemistry
3	ME102L	Engineering Mechanics
4	EE103L	Emerging Technologies for Engineers
5	CS201B	Data Structure
6	ME101B/ EE112B	Design and Realization/Introduction to IoT
7	EE103P	Emerging Technologies for Engineers Lab
8	AI102P	Python for Engineers
9	HS1XXP/ HS101P	Foreign Language / Communication
10	IT104P	Innovation and Entrepreneurship