

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

EVALUATION SCHEME

Effective from the Session: 2024-25

B.Tech 1st Year (2024-2028 Batch)**B.Tech (ME) 1st Sem**

S No.	Course Category (AICTE)	Course Category (UGC)	BOS	Course Code	Course Name	Type	Academic Learning (AL)			Continuous Internal Examination (CIE)			End Sem Examination (ESE)	Total Marks	Total Credits
							L	T	P	MSE	CA	TOTAL			
1	BS	Major (Core)	ASH	MA101L	Calculus for Engineers	L	3	1	0	80	20	100	100	200	4
2	BS	Minor Stream	ASH	PH101L	Semiconductor Physics and Devices	L	3	0	0	60	15	75	75	150	3
3	ES	Minor Stream	IT	IT101B	Programming For Problem Solving	B	3	0	0	60	15	75	75	150	3
4	ES	Minor Stream	EEE	EE102L	Explorations in Electrical Engineering	L	2	0	0	40	10	50	50	100	2
5	ES	Minor Stream	EEE	EE101B	IoT and Embedded Systems	B	2	0	0	40	10	50	50	100	2
6	PW	Value Added Courses for all UG	ID	ID103B	Design Thinking	B	1	0	0	40	10	50	-	50	1
Lab/Practical															
7	BS	Minor Stream	ASH	PH101P	Semiconductor Physics and Devices Lab	P	0	0	2	-	25	25	25	50	1
8	ES	Minor Stream	IT	IT101P	Programming For Problem Solving Lab	P	0	0	4	-	50	50	50	100	2
9	ES	Minor Stream	EEE	EE101P	IoT and Embedded Systems Lab	P	0	0	2	-	25	25	25	50	1
10	ES	Minor Stream	EEE	EE102P	Explorations in Electrical Engineering Lab	P	0	0	2	-	25	25	25	50	1
11	HS	Value Added Courses for all UG	ASH	HS101B/ HS1XXB	Communication Skills / Foreign Language	B	0	0	4	80	100	100	-	100	2
12	MC	Skill Enhancement / Value Added Courses for all UG	ASH	HS1XXB	Self-Growth / Indian Knowledge System	B	0	0	2	10	-	10	40	-	NC
Total Hours : 31 hrs.							14	1	16					1100	22

B.Tech 1st Year (2024-2028 Batch)**B. Tech (ME) 2nd Sem**

S No.	Course Category (AICTE)	Course Category (UGC)	BOS	Course Code	Course Name	Type	Academic Learning (AL)			Continuous Internal Examination (CIE)			End Sem Examination (ESE)	Total Marks	Total Credits
							L	T	P	MSE	CA	TOTAL			
1	BS	Major (Core)	ASH	MA104L	Differential Equations & Complex Integration	L	3	1	0	80	20	100	100	200	4
2	BS	Minor Stream	ASH	CH101L	Environmental Chemistry	L	2	0	0	40	10	50	50	100	2
3	ES	Minor Stream	ME	ME101B	Design & Realization	B	2	0	0	40	10	50	50	100	2
4	PC	Minor Stream	EEE	EE103L	Emerging Technologies for Engineers	L	2	0	0	40	10	50	50	100	2
5	PC	Major (Core)	ME	ME102L	Engineering Mechanics	L	2	0	0	40	10	50	50	100	2
Blended															
6	ES	Minor Stream	CSE	CS201B	Data Structure	B	3	0	2	80	20	100	100	200	4
Lab/Practical															
7	ES	Minor Stream	ME	ME101P	Design & Realization Lab	P	0	0	2	-	25	25	25	50	1
8	ES	Minor Stream	EEE	EE103P	Emerging Technologies for Engineers Lab	P	0	0	2	-	25	25	25	50	1
9	ES	Minor Stream	CSE(AI ML)	AI102P	Python for Engineers	P	0	0	4	-	50	50	50	100	2
10	HS	Value Added Courses for all UG	ASH	HS1XXB/ HS101B	Foreign Language / Communication Skills	B	0	0	4	80	20	100	-	100	2
11	PW	Value Added Courses for all UG	IDA	ID104B	Innovation and Entrepreneurship	B	0	0	2	-	50	50	-	50	1
12	MC	Value Added Courses for all UG / Skill Enhancement	ASH	HS1XXB	Indian Knowledge System/ Self-Growth	B	0	0	2	10	-	10	40	-	NC
Total Hours : 33 hrs.							14	1	18					1150	23