

KIET GROUP OF INSTITUTIONS
(An Autonomous Institution, Affiliated to AKTU, Lucknow, UP)

Approved by AICTE, New Delhi

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

Electrical and Computer Engineering (ELCE)

1st Year

EVALUATION SCHEME

Effective from the Session: 2025-26

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

B.Tech (ELCE) 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	IT101L	Programming For Problem Solving	L	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	PW	Value Added Courses for all UG	CSIT	IT103L	Design Thinking	L	1	0	0	-	50	50	-	50	1
Blended															
6	ES	Minor Stream	EEE/ME	EE112B/ME101B	Introduction to IoT/ Design and Realization	B	2	0	2	60	15	75	75	150	3
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	EE102P	Explorations in Electrical Engineering Lab	P	0	0	2	-	25	25	25	50	1
10	HS	Value Added Courses for all UG	ASH	HS101P/HS1XXP	Communication Skills/ Foreign Language	P	0	0	4	40	10	50	50	100	2
Total Hours : 29 hrs.							14	1	14					1100	22

*Self Growth will be offered to the students as hobby classes of 2 hours.

B.Tech 1st Year (2025-2029 Batch)**B. Tech (ELCE) 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	MA103L	Linear Algebra for Engineers	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	ECE	EC201L	Computer Organization & Logic Design	L	3	0	0	60	15	75	75	150	3
Blended															
4	ES	Minor Stream	CSE	CS201B	Data Structure	B	3	0	2	80	20	100	100	200	4
5	ES	Minor Stream	ME/EEE	ME101B/EE112B	Design and Realization/Introduction to IoT	B	2	0	2	60	15	75	75	150	3
Lab/Practical															
6	ES	Minor Stream	ECE	EC201P	Computer Organization & Logic Design Lab	P	0	0	2	-	25	25	25	50	1
7	ES	Minor Stream	CSE(AIML)	AI102P	Python for Engineers	P	0	0	4	-	50	50	50	100	2
8	PC	Major (Core)	ELCE	EL105P	Computer Aided Electrical Design	P	0	0	2	-	25	25	25	50	1
9	HS	Value Added Courses for all UG	ASH	HS1XXP/HS101P	Foreign Language / Communication Skills	P	0	0	4	40	10	50	50	100	2
10	PW	Value Added Courses for all UG	CSIT	IT104P	Innovation and Entrepreneurship	P	0	0	2	-	50	50	-	50	1
11	MC	Value Added Courses for all UG	ASH	HS164P	Indian Knowledge System	P	0	0	2	-	50	50	-	-	NC
Total Hours : 34 hrs.							13	1	20					1150	23