

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

Approved by AICTE, New Delhi

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

Information Technology (IT)

2nd Year

EVALUATION SCHEME

Effective from the Session: 2025-26

B.Tech 2nd Year (2024-2028 Batch)**B.Tech (IT) 3rd 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	PC	Major (Core)	IT	IT301L	Database Systems	L	3	0	0	60	15	75	75	150	3
2	PC	Major (Core)	CS	CS301L	Object Oriented Programming using Java	L	3	0	0	60	15	75	75	150	3
3	BS	Major (Core)	ASH	MA105L	Probability and Statistics	L	3	0	0	60	15	75	75	150	3
4	MC	Value Added	ASH	HS109L	Constitution of India	L	2	0	0	25	-	25	25	-	NC
5	HS	AEC	ASH	HS110L	Aptitude-1	L	1	0	0	-	25	25	25	50	1
6	HS	AEC	ASH	HS111L	Soft Skills Essential-1	L	1	0	0	-	25	25	25	-	NC
Blended															
7	PC	Major (Core)	CSE	CS302B	Advance Data Structure	B	3	0	2	80	20	100	100	200	4
8	PC	Major (Core)	IT	IT107B	Artificial Intelligence Essentials	B	3	0	2	80	20	100	100	200	4
9	PE	Major (Core)/SEC	-	-	Professional Elective-I	B	3	0	2	80	20	100	100	200	4
Lab/Practical															
10	PC	Major (Core)	IT	IT301P	Database Systems Lab	P	0	0	2	-	25	25	25	50	1
11	PC	Major (Core)	CS	CS301P	Object Oriented Programming using Java Lab	P	0	0	2	-	25	25	25	50	1
12	PW	Summer internship	CSIT	IT105P	Social Internship Assessment	P	0	0	0	-	50	50	-	50	1
Total Hours : 32 hrs.							22	0	10					1250	25

B.Tech 2nd Year (2024-2028 Batch)**B. Tech (IT) 4th 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	PC	Major (core)	CSE	CS401L	Design and Analysis of Algorithms	L	3	0	0	60	15	75	75	150	3
2	ES	Major (core)	IT	IT302L	Computer Networks	L	3	0	0	60	15	75	75	150	3
3	PC	Major (core)	CSE	CS208L	Web Technology	L	2	0	0	40	10	50	50	100	2
4	PC	Major (Core)	CSE	CS206L	Operating System	L	3	0	0	60	15	75	75	150	3
5	MC	Value Added	ASH	HS112L	Universal Human Values	L	3	0	0	60	15	75	75	150	3
6	HS	AEC	ASH	HS113L	Aptitude-2	L	1	0	0	-	25	25	25	50	1
7	HS	AEC	ASH	HS114L	Soft Skills Essential 2	L	1	0	0	-	25	25	25	-	NC
Blended															
8	PE	Major (Core)/SEC	-	-	Professional Elective-II	B	3	0	2	80	20	100	100	200	4
Lab/Practical															
9	PC	Major (core)	CSE(AI ML)	AI104P	Data Engineering Essentials	P	0	0	4	-	50	50	50	100	2
10	PC	Major (core)	CSE	CS401P	Design and Analysis of Algorithms Lab	P	0	0	2	-	25	25	25	50	1
11	ES	Major (core)	IT	IT302P	Computer Networks Lab	P	0	0	2	-	25	25	25	50	1
12	PC	Major (core)	CSE	CS208P	Web Technology Lab	P	0	0	2	-	25	25	25	50	1
13	PC	Major (Core)	CSE	CS206P	Operating System Lab	P	0	0	2	-	25	25	25	50	1
Total Hours : 33 hrs.							19	0	14					1250	25

Professional Electives (PE)

S.No.	Course Type (PE)	AI and Data Science	Cloud Ops and Security	Full Stack DevOps Engineering
1	BOS	CSE(AI)	CSE(AI)	CSE(AI)
	PE I-(3 rd Sem)	Cloud Foundations (AI103E)	Cloud Foundations (AI103E)	Cloud Foundations (AI103E)
2	BOS	CSE(AI)	CSE(AI)	IT
	PE II-(4 th Sem)	Generative AI Foundations & Applications (AI301E)	Cloud Computing & Operations (AI302E)	Foundations of Web Development (IT303E)