

KIET GROUP OF INSTITUTIONS

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

Approved by AICTE, New Delhi

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

Department of Computer Applications (MCA)

1st Year

EVALUATION SCHEME

Effective from the Session: 2024-25

MCA 1st Year (2024-2026 Batch)

MCA, 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	PC	Major (Core)	MCA	ID101B	Programming for Computer Application	L	2	0	0	40	10	50	50	100	2
2	PC	Major (Core)	CSE	CS206L	Operating System	L	3	0	0	60	15	75	75	150	3
3	BS	SEC	ASH	MA205L	Mathematical Foundation of Data Science	L	3	0	0	60	15	75	75	150	3
4	PC	Major (Core)	CSE	CS207B	Software Engineering	L	3	0	0	60	15	75	75	150	3
5	PW	Value Added Courses	CSIT	ID103B	Design Thinking	L	1	0	0	40	10	50	—	50	1
6	HS	Value Added Courses	ASH	HS107L	Quantitative Aptitude & Logical Reasoning-I	L	2	0	0	40	10	50	50	100	2
Lab/Practical															
7	PC	Major (Core)	MCA	ID101P	Programming for Computer Application Lab	P	0	0	6	—	75	75	75	150	3
8	PC	Major (Core)	CSE	CS206P	Operating System Lab	P	0	0	2	—	25	25	25	50	1
9	ES	Minor Stream	EEE	EE101P	IoT and Embedded Systems Lab	P	0	0	2	—	25	25	25	50	1
10	PW	Value Added Courses	CSIT	ID104B	Innovation and Entrepreneurship	B	0	0	2	—	50	50	—	50	1
11	PW	Value Added Courses	MCA	ID102B	Mini Project-1	B	0	0	4	—	50	50	50	100	2
12	HS	Value Added Courses	ASH	HS101B	Communication Skills	B	0	0	4	80	20	100	—	100	2
Total Hours : 34 hrs.							14	0	20					1200	24

MCA 1st Year (2024-2026 Batch)**MCA, 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	PC	Major (Core)	MCA	ID202L	Software Testing	L	3	0	0	60	15	75	75	150	3
2	PC	Major (Core)	CSE	CS204B	Cloud Computing	L	2	0	0	40	10	50	50	100	2
3	HS	Value Added Courses	ASH	HS201L	Quantitative Aptitude & Logical Reasoning-II	L	2	0	0	40	10	50	50	100	2
Blended															
4	PC	Major (Core)	CSE	CS202B	Data Structures and Algorithms	B	2	0	4	80	20	100	100	200	4
5	PC	Major (Core)	CSE	CS203B	Database Management Systems	B	2	0	4	80	20	100	100	200	4
6	PC	SEC	CSE(AI ML)	AI101B	Introduction to AI	B	2	0	2	60	15	75	75	150	3
7	PW	SEC	MCA	ID201B	Mini Project-2 (Full Stack Development)	B	2	0	6	100	25	125	125	250	5
Lab/Practical															
8	HS	Value Added Courses	ASH	HS202B	Campus to Corporate [#]	P	0	0	2	40	10	50	—	50	1
Total Hours : 33 hrs.							15	0	18					1200	24