

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: 2025-26

MCA 1st Year (2025-2027 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)	CSE	CS206L	Operating System	L	3	0	0	60	15	75	75	150	3
2	BS	SEC	ASH	MA205L	Mathematical Foundation of Data Science	L	3	0	0	60	15	75	75	150	3
3	PC	Major (Core)	MCA	CA207L	Software Engineering	L	3	0	0	60	15	75	75	150	3
4	PW	Value Added Courses	CSIT	IT103L	Design Thinking	L	1	0	0	-	50	50	—	50	1
5	HS	Value Added Courses	ASH	HS107L	Quantitative Aptitude & Logical Reasoning-I	L	2	0	0	40	10	50	50	100	2
Blended															
6	ES	Minor Stream	EEE	EE111B	Essentials of IoT	B	1	0	2	40	10	50	50	100	2
7	PC	Major (Core)	MCA	CA101B	Object-Oriented Programming Concepts using Java	B	2	0	4	80	20	100	100	200	4
8	PC	Major (Core)	MCA	CA102B	Web Development-1	B	2	0	4	80	20	100	100	200	4
Lab/Practical															
9	PC	Major (Core)	CSE	CS206P	Operating System Lab	P	0	0	2	—	25	25	25	50	1
10	HS	Value Added Courses	ASH	HS101P	Communication Skills	P	0	0	4	80	20	100	—	100	2
Total Hours : 33 hrs.							17	0	16					1250	25

MCA 1st Year (2025-2027 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	CA202L	Software Testing	L	3	0	0	60	15	75	75	150	3
2	PC	Major (Core)	MCA	CA201L	Artificial Intelligence	L	3	0	0	60	15	75	75	150	3
3	PC	Major (Core)	MCA	CA103L	Computer Networks Technologies	L	3	0	0	60	15	75	75	150	3
4	HS	Value Added Courses	ASH	HS201L	Quantitative Aptitude & Logical Reasoning-II	L	2	0	0	40	10	50	50	100	2
Blended															
5	PC	Major (Core)	MCA	CA301B	Data Structures Using C++	B	2	0	4	80	20	100	100	200	4
6	PC	Major (Core)	MCA	CA203B	Database Management Systems	B	2	0	4	80	20	100	100	200	4
7	PC	SEC	MCA	CA105B	Advanced Java Programming	B	2	0	2	60	15	75	75	150	3
Lab/Practical															
8	PW	Value Added Courses	CSIT	IT104P	Innovation and Entrepreneurship	P	0	0	2	-	50	50	-	50	1
9	PC	Major (Core)	MCA	CA204P	Python Workshop	P	0	0	2	-	25	25	25	50	1
10	HS	Value Added Courses	ASH	HS202P	Campus to Corporate	P	0	0	2	40	10	50	—	50	1
Total Hours : 33 hrs.							17	0	16					1250	25