

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)

2nd Year

EVALUATION SCHEME

Effective from the Session: 2025-26

MCA 2nd Year (2024-2026 Batch)

MCA, 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)	MCA	CA205L	Analysis & Design of Algorithms	L	3	0	0	60	15	75	75	150	3
2	PC	Major (Core)	MCA	CA103L	Computer Networks Technologies	L	3	0	0	60	15	75	75	150	3
3	PE	SEC	MCA	-	Professional Elective-I	L	3	0	0	60	15	75	75	150	3
Blended															
4	PC	Major (Core)	MCA	CA206B	Web Development	B	2	0	2	60	15	75	75	150	3
Lab/Practical															
5	PC	Major (Core)	MCA	CA205P	Analysis & Design of Algorithms Lab	P	0	0	4	-	50	50	50	100	2
6	PW	SEC	MCA	CA301P	Major Project-I	P	0	0	10	-	125	125	125	250	5
7	PW	Summer Internship	MCA	CA107P	Internship	P	0	0	2		50	50	-	50	1
8	HS	Value Added Courses	ASH	HS301P	Communication for Employability	P	0	0	2	-	25	25	25	-	NC
Total Hours : 31 hrs.							11	0	20					1000	20

Professional Elective-1 (3rd Semester)

CA208E	Machine Learning and GenAI
CA209E	Data Analytics Essentials
CA210E	Data Science
CA106E	Cryptocurrency & Blockchain Applications
CA211E	UI/UX Design for Web Application
CA302E	Cloud-Native Development

MCA 2nd Year (2024-2026 Batch)

MCA, 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)	MCA	CA303L	DevOps for Scalable Applications	T	3	0	0	60	15	75	75	150	3
2	PE	SEC	MCA	-	Professional Elective-2	T	3	0	0	60	15	75	75	150	3
Lab/Practical															
3	PW	SEC	MCA	CA401P	Major Project-II	P	0	0	12	-	150	150	150	300	6
Total Hours : 22 hrs.							6	0	12					600	12

Professional Elective-2 (4th Semester)

CA304E	Cyber Security
CA305E	Network Security & Cryptography
CA306E	Digital Forensics
CA307E	Quality Assurance in Software Development
CA308E	Agile Development
CA309E	Software Project Management