

KIET GROUP OF INSTITUTIONS

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

Approved by AICTE, New Delhi

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

Master of Technology (CSE)

EVALUATION SCHEME

Effective from the Session: 2024-25

M.Tech (CSE) 1st Sem

S No.	Course Type	BOS	Subject Code	Subject Name	Type	Academic Learning (AL)			Continuous Internal Examination (CIE)			End Sem Examination (ESE)	Total	Credits
						L	T	P	MSE	CA	TOTAL			
1	PC	CSE	CS501L	Advanced Data Structures	T	4	0	0	80	20	100	100	200	4
2	PC	CSE	CS502L	Data Science Foundation	T	4	0	0	80	20	100	100	200	4
3	PC	CSE	CS503L	Advanced DBMS	T	4	0	0	80	20	100	100	200	4
4	PC	CSE	CS504L	Advanced Software Engineering	T	3	0	0	60	15	75	75	150	3
5	PC	CSE	CS405L	Research Methodology	T	3	0	0	60	15	75	75	150	3
6	PC	CSE	CS501P	Advanced Data Structures Lab	P	0	0	2	-	50	50	-	50	1
7	PC	CSE	CS502P	Data Science Foundation Lab	P	0	0	2	-	50	50	-	50	1
Total Hours = 22 hrs.						18	0	4	360	190	550	450	1000	20

M.Tech (CSE) 2nd Sem

S No.	Course Type	BOS	Subject Code	Subject Name	Type	Academic Learning (AL)			Continuous Internal Examination (CIE)			End Sem Examination (ESE)	Total	Credits
						L	T	P	MSE	CA	TOTAL			
1	PC	CSE	AI501B	Machine Learning	PBL	4	0	2	100	25	125	125	250	5
2	PC	CSE	CS505B	Advanced in Data & Computer Communications	PBL	4	0	2	100	25	125	125	250	5
3	PE	CSE	CS5XXE	Elective 1	T	4	0	0	80	20	100	100	200	4
4	PE	CSE	CS5XXE	Elective 2	T	3	0	0	60	15	75	75	150	3
5	PC	CSE	CS506L	Scientific Writing, Ethics and IPR	T	3	0	0	60	15	75	75	150	3
Total Hours = 22 hrs.						18	0	4	400	100	500	500	1000	20

Path A: Artificial Intelligence & Data Science

Elective 1: Natural Language Processing (NLP)

Elective 2: Advance Statistical Method

Elective 3: Deep Learning

Elective 4: Pattern Recognition

Elective 5: Computer Vision & Image Processing

Path B: Cloud & Network Systems

Elective 1: Blockchain Technology

Elective 2: Cloud Infrastructure and Services DevOps

Elective 3: Network Security and Cryptography

Elective 4: Wireless Sensor Networks

Elective 5: Mobile Computing

Path C: Software Development & Emerging Technologies

Elective 1: Advanced Java Programming

Elective 2: DevOps

Elective 3: IoT

Elective 4: Embedded Systems

Elective 5: Quantum Computing

Note: Above specialized paths are suggested; however, students may choose the electives as per their interest.

Course Code	Course Name
CS507E	Natural Language Processing (NLP)
CS508E	Advance Statistical Method
CS509E	Deep Learning
CS510E	Pattern Recognition
CS511E	Computer Vision & Image Processing
CS512E	Advanced Java Programming
CS513E	DevOps
CS514E	IoT
CS515E	Embedded Systems
CS516E	Quantum Computing
CS517E	Blockchain Technology
CS518E	Cloud Infrastructure and Services DevOps
CS519E	Network Security and Cryptography
CS520E	Wireless Sensor Networks
CS521E	Mobile Computing