

**Meerut Institute of Engineering and Technology
Meerut**



EVALUATION SCHEME AND SYLLABI

For

MCA – 2nd Year
- Autonomous -

Effective from the Session: 2026-27

Affiliated With



Dr. A.P.J ABDUL KALAM TECHNICAL UNIVERSITY UTTAR PRADESH

Sec-11, Jankipuram Vistar, Lucknow - 226031, Uttar Pradesh, India

Evaluation Scheme SEMESTER-III

S. No.	Subject Code	Subject Name	Type	Category	Periods			Mid Term Examination (MTE)			End Semester Examination (ESE)	Total	Credit
					L	T	P	CT	TA	CT+TA	TE/PE	MTE+ESE	Cr
1	MMC301	Python Programming	T	ES	3	0	0	20	10	30	70	100	3
2	MMC302	Artificial Intelligence	T	ES	3	0	0	20	10	30	70	100	3
3	MMC303	Computer Networks	T	ES	3	1	0	20	10	30	70	100	4
4		Program Elective- I	T	ES	3	0	0	20	10	30	70	100	3
5		Program Elective- II	T	ES	3	0	0	20	10	30	70	100	3
6	MMC351	Python Programming Lab	P	ES	0	0	4	30	20	50	50	100	2
7	MMC352	AI Lab	P	ES	0	0	4	30	20	50	50	100	2
8		Program Elective- I Lab	P	ES	0	0	2	30	20	50	50	100	1
9	MMC353	Project-I **	P	ES	0	0	4	30	20	50	50	100	2
		Total			15	1	14			350	550	900	23

**** The Mini Project/ internship (5-6 weeks) conducted during summer break after II Semester will be assessed during III Semester.**

S.No.	Subject Code	PROGRAM ELECTIVE - I
1	MMC011	Full Stack Web Development
2	MMC012	Mobile Application Design and Development
3	MMC013	Software Engineering & Testing
4	MMC014	Data Analytics
5	MMC015	Object Oriented Data Structures using Java

S.No.	Subject Code	PROGRAM ELECTIVE – I LAB
1	MMC311	Full Stack Web Development Lab
2	MMC312	Mobile Application Design and Development Lab
3	MMC313	Software Engineering & Testing Lab
4	MMC314	Data Analytics Lab
5	MMC315	Object Oriented Data Structures using Java Lab

S.No.	Subject Code	PROGRAM ELECTIVE - II
1	MMC021	Cloud Computing
2	MMC022	Computer Graphics
3	MMC023	Data Warehousing and Data Mining
4	MMC024	Cryptography and Network Security
5	MMC025	Theory of Computations

Evaluation Scheme SEMESTER-IV

S. No.	Subject Code	Subject Name	Type	Category	Periods			Mid Term Examination (MTE)			End Semester Examination (ESE)	Total	Credit
					L	T	P	CT	TA	CT+TA	TE/PE	MTE+ESE	Cr
1		Program Elective-III	T	ES	3	0	0	20	10	30	70	100	3
2		Program Elective-IV	T	ES	3	0	0	20	10	30	70	100	3
3		Open Elective-II	T	ES	2	0	0	20	10	30	70	100	2
4		Program Elective-III Lab	P	ES	0	0	2	30	20	50	50	100	1
5	MMC451	Colloquium^^	P	VE	0	0	4			100		100	2
6	MMC452	Project-II	P	ES	0	0	0			200	400	600	12
		Total			8	0	6			440	660	1100	23

^^ Colloquium: The student needs to prepare a research paper in third semester will be assessed during IV Semester in the Colloquium, this includes paper presentation and paper publication.

Abbreviations Used: -

L: Lecture, T: Tutorial, P: Practical, CT: Class Test TA: Teacher Assessment, PS: Practical Sessional, TE: Theory End Semester Exam., PE: Practical End Semester Exam, ES: Engineering Science, VE: Value Enhancement

S.No.	Subject Code	OPEN ELECTIVE - II
1	MMC411	Engineering Economics
2	MMC412	Investment Management
3	MMC413	Project Management
4	MMC414	Research Methodology

S.No.	Subject Code	PROGRAM ELECTIVE - III
1	MMC031	Machine Learning
2	MMC032	Data Visualization
3	MMC033	Cyber Security
4	MMC034	Generative AI
5	MMC035	Prompt Engineering

S.No.	Subject Code	PROGRAM ELECTIVE - IV
1	MMC041	Internet of Things
2	MMC042	Digital Forensics
3	MMC043	Deep Learning Techniques
4	MMC044	Blockchain Technologies
5	MMC045	System Design

S.No.	Subject Code	PROGRAM ELECTIVE – III LAB
1	MMC431	Machine Learning Lab
2	MMC432	Data Visualization Lab
3	MMC433	Cyber Security Lab
4	MMC434	Generative AI Lab
5	MMC435	Prompt Engineering Lab