

**Meerut Institute of Engineering and Technology
Meerut**



EVALUATION SCHEME AND SYLLABI

For

**B.Tech. – 2nd Year
(Civil Engineering)**

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

CREDIT FRAMEWORK

SEMESTER - III

S.NO .	Subject Code	Subject Name	Category	T/ P	PERIO DS			Evaluation Scheme						Total Marks	CRED IT
					L	T	P	Continuous Internal Assessment				End Semester			
								CT	TA	Total	PS	TE	PE		
1	MCE301	Fluid Mechanics	PCC	T	3	1	0	20	10	30		70		100	4
2	MCE302	Building Material & Construction	PCC	T	3	0	0	20	10	30		70		100	3
3	MCE303	Engineering Mechanics	PCC	T	3	0	0	20	10	30		70		100	3
4	MCE304	Surveying & Geomatics	ESC	T	3	0	0	20	10	30		70		100	3
5	MAS30X/ MCS304	Universal Human Value and Professional Ethics / Fundamentals of Cyber Security	HSMC / PCC	T	2	0	0	20	10	30		70		100	2
6	MAE301/ MAE302	Verbal Ability and Communication Skills- I*/ Quantitative and Logical Reasoning-I*	AEC	T	2	0	0				50			50	2
7	MCE351	Fluid Mechanics Lab	PCC	P	0	0	2				50		50	100	1
8	MCE352	Material Testing Lab	PCC	P	0	0	2				50		50	100	1
9	MCE354	Surveying Lab	SEC	P	0	0	2				50			50	1
10	MCE353	Internship /Mini Project/Startup and Entrepreneurial Activity Assessment**	PR/IN T	P	0	0	2				100			100	1
11	MCS354/ MCS355/ MCS356	Cyber Security Workshop / AutoCAD WorKShop	SEC	P	0	0	2				50			50	1
12	MNC301	Environment Sciences	NC	T	2	0	0	20	10	30		70		100	0
		Total			18	1	10							1050	22

Abbreviation Used:

BS: Basic Science Course

ES: Engineering Science Course

SE: Skill Enhancement Course

AE: Ability Enhancement

TA: Teacher's Assessment

CT: Class Test

MTE: Mid Term Examination

ESE: End Semester Examination

SEMESTER - IV	
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S.NO .	Subject Code	Subject Name	Category	T/ P	PERIODS			Evaluation Scheme						Total Marks	CRED IT
					L	T	P	Continuous Internal Assessment				End Semester			
								CT	TA	Total	PS	TE	PE		
1	MCE401	Hydraulics & Hydraulic Machine	PCC	T	3	0	0	20	10	30		70		100	3
2	MCE402	Engineering Geology	PCC	T	3	0	0	20	10	30		70		100	3
3	MCE403	Solid Mechanics	PCC	T	3	1	0	20	10	30		70		100	4
4	MAS401	Mathematics-III	BSC	T	3	1	0	20	10	30		70		100	4
5	MAS401/ MCS404	Universal Human Value and Professional Ethics / Fundamentals of Cyber Security	HSMC / PCC	T	2	0	0	20	10	30		70		100	2
6	MAE401/ MAE402	Verbal Ability and Communication Skills-II*/ Quantitative and Logical Reasoning-II*	HSMC	T	2	0	0				50			50	2
8	MCE451	HHM Lab	PCC	P	0	0	2				50		50	100	1
9	MCE452	Geology Lab	PCC	P	0	0	2				50		50	100	1
10	MCS453	Solid Mechanics Lab	PCC	P	0	0	2				50		50	100	1
11	MSE45X	BIM/AI Lab													
12	MCS454/ MCS455/ MCS456	Cyber Security Workshop / AutoCAAD Workshop	SEC	P	0	0	2				50		50	100	1
13		Design Thinking Lab													
14	MNC402	Sporta and Yoga ***	NC	P	0	0	2				50			50	0
13		Minor Degree/Honors Degree MT-1/HT-1													
		Total			16	2	10							1000	22

*The subject will be evaluated by an external assessment agency

**The Mini Project or internship (4 weeks) will be done during summer break after 2nd Semester and will be assessed during III semester

*** Compulsory Qualifying Audit Course