

**Meerut Institute of Engineering and Technology
Meerut**



EVALUATION SCHEME AND SYLLABI

For

B.Tech. IInd Year
(Electrical 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

SEMESTER –III

S.NO.	Subject Code	Subject Name	Category	T/P	PERIODS			Evaluation Scheme						Total Marks	CREDIT
					L	T	P	Continuous Internal Assessment			End Semester				
								CT	TA	Total	PS	TE	PE		
1	MEE-301	Electromagnetic Field Theory	PCC	T	3	1	0	20	10	30		70		100	4
2	MEE-302	Electrical Measurement & Measuring Devices	PCC	T	3	0	0	20	10	30		70		100	3
3	MEE-303	Signals and Systems	PCC	T	3	1	0	20	10	30		70		100	4
4	MEE304	Digital Logic Design	PCC	T	3	0	0	20	10	30		70		100	3
5	MAS302/ MCS304	Universal Human Values and Professional Ethics/ Fundamentals of Cyber Security	HSMC/ ESC	T	2	0	0	20	10	30		70		100	2
6	MAE301/ MAE302	Verbal Ability and Communication Skills/ Quantitative and Logical Reasoning *	AEC	T	2	0	0				50			50	2
7	MSE353/ MCS354	Electrical Workshop /Cyber Security Workshop	SEC	P	0	0	2				50		50	100	1
8	MEE-351	Electrical Measurement Lab	PCC	P	0	0	2				50		50	100	1
9	MEE-352	Simulation Using MatLab	PCC	P	0	0	2				50		50	100	1
10	MEE 353	Digital Logic Design Lab	PCC	P	0	0	2				50			50	1
11	MEE 354	Internship /Mini Project/Startup and Entrepreneurial Activity Assessment**	PR/INT	P	0	0	2				50			50	1
12	MNC302	Sprots & Yoga ***	NC	P	0	0	2				50			50	0
		Total			16	2	12							1000	23

*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

SEMESTER –IV

S.NO.	Subject Code	Subject Name	Category	T/P	PERIODS			Evaluation Scheme						Total Marks	CREDIT
					L	T	P	Continuous Internal Assessment				End Semester			
								CT	TA	Total	PS	TE	PE		
1	MEE-401	Power Electronics	PCC	T	3	1	0	20	10	30		70		100	4
2	MEE-402	Electrical Machines-I	PCC	T	3	0	0	20	10	30		70		100	3
3	MEE-403	Network Analysis and Synthesis	PCC	T	3	0	0	20	10	30		70		100	3
4	MAS403	Mathmatics -III	ESC/ BSC	T	3	1	0	20	10	30		70		100	4
5	MAS402/ MCS404	Universal Human Value and Professional Ethics/ Fundamental of Cyber Security	HSMC/ ESC	T	2	0	0	20	10	30		70		100	2
6	MAE401/ MAE402	Verbal Ability and Communication Skills/ Quantitative and Logical Reasoning *	AEC	T	2	0	0				50			50	2
8	MEE-451	Power Electronics Lab	PCC	P	0	0	2				50		50	100	1
9	MEE-452	Electrical Machines-I Lab	PCC	P	0	0	2				50		50	100	1
10	MEE-453	Network Analysis & Synthesis Lab	PCC	P	0	0	2				50		50	100	1
11	MSE 453/ MCS-454	Electrical Workshop /Cyber Security Workshop	SEC	P	0	0	2				50			50	1
12	MAE-451	Design Thinking Lab	AEC	P	0	0	2				50			50	1
13	MNC401	Environment Sciences ***	NC	T	2	0	0			30		70		100	0
		Minor Degree/Honors Degree MT-1/HT-1													
		Total			18	2	10							1050	23

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*** Compulsory Qualifying Audit Course