

**Meerut Institute of Engineering and Technology
Meerut**



EVALUATION SCHEME AND SYLLABI

For

**B.Tech. 2nd Year
(Computer Science)**

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	Category	T/P	Periods			Evaluation Scheme						Total	Credit
					L	T	P	Continuous Internal			End				
								CT	TA	Total	PS	TE	PE		
1	MCS301	Data Structures	PCC	T	3	0	0	20	10	30		70		100	3
2	MCS302	Computer Organisation and Architecture	PCC	T	3	0	0	20	10	30		70		100	3
3	MCS303	Discrete Structures & Theory of Logic	PCC	T	3	0	0	20	10	30		70		100	3
4	MEC304	Digital Electronics	ESC	T	3	0	0	20	10	30		70		100	3
5	MAS302/ 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 /Quantitative and Logical Reasoning *	AEC	T	2	0	0				50			50	2
7	MCS351	Data Structure Lab	PCC	P	0	0	4				50		50	100	2
8	MCS352	Computer Organization and Architecture Lab	PCC	P	0	0	2				50		50	100	1
9	MCS353	Internship /Mini Project/Startup and Entrepreneurial Activity Assessment**	PR / INT	P	0	0	2				100			100	1
10	MSE351	Competitive Coding workshop-I*	SEC	P	0	0	2				50			50	1
11	MCS354/ MCS355/ MCS356	Cyber Security Workshop/Robotics Process Automation (UiPath) /AWS	PCC	P	0	0	2				50			50	1
12	MNC302	Sports and Yoga***	NC	P	0	0	2				50			50	0
		Total			16	0	14							950	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

SEMESTER –IV															
S.NO.	Subject Code	Subject	Category	T/P	Periods			Evaluation Scheme						Total	Credit
					L	T	P	Continuous Internal Assessment				End Semester			
								CT	TA	Total	PS	TE	PE		
1	MCS401	Operating System	PCC	T	3	0	0	20	10	30		70		100	3
2	MCS402	Object Oriented Programming with Java	PCC	T	3	0	0	20	10	30		70		100	3
3	MCS403	Design and Analysis of Algorithm	PCC	T	3	1	0	20	10	30		70		100	4
4	MAS401	Linear Algebra & Statistics	BSC	T	3	1	0	20	10	30		70		100	4
5	MAS402/ 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*/Quantitative and Logical Reasoning*	AEC	T	2	0	0				50			50	2
7	MCS451	Operating System Lab	PCC	P	0	0	2				50		50	100	1
8	MCS452	Object Oriented Programming with Java Lab	PCC	P	0	0	2				50		50	100	1
9	MCS453	Design and Analysis of Algorithm Lab	PCC	P	0	0	2				50		50	100	1
10	MSE451	Competitive Coding workshop--II*	SEC	P	0	0	2				50			50	1
11	MCS454/ MCS455/ MCS456	Cyber Security Workshop/Robotics Process Automation (UiPath)/AWS	PCC	P	0	0	2				50			50	1
12	MNC401	Environment Sciences ***	NC	T	2	0	0	20	10	30		70		100	0
		Minor Degree/Honors Degree MT-1/HT-1													
		Total			18	2	10							950	23

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*** Compulsory Qualifying Audit Course