

**Meerut Institute of Engineering and Technology
Meerut**



EVALUATION SCHEME AND SYLLABI

For

**B.Tech – 2nd Year
(CSE- Data 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. N O.	Subject Code	Subject	Cate gory	Periods			Evaluation Scheme						Tot al	Cr edi t
				L	T	P	Continuous Internal Assessment				End Semester			
							CT	TA	To tal	PS	TE	PE		
1	MCS301	Data Structures	PCC	3	0	0	20	10	30		70		100	3
2	MCS302	Computer Organisation and Architecture	PCC	3	0	0	20	10	30		70		100	3
3	MCS303	Discrete Structures & Theory of Logic	PCC	3	0	0	20	10	30		70		100	3
4	MAS301	Linear Algebra & Statistics	BSC	3	1	0	20	10	30		70		100	4
5	MAS302 /MCS304	Universal Human Value and Professional Ethics / Fundamentals of Cyber Security	HS MC/ PCC	2	0	0	20	10	30		70		100	2
6	MAE301 /MAE302	Verbal Ability and Communication skills*/ Quantitative and Logical Reasoning *	AEC	2	0	0				50			50	2
7	MSE351	Competitive Coding Workshop-I	SEC	0	0	2				50			50	1
8	MCS351	Data Structure Lab	PCC	0	0	4				50		50	100	2
9	MCS352	Computer Organization and Architecture Lab	PCC	0	0	2				50		50	100	1
10	MDS351	Internship /Mini Project/Startup and Entrepreneurial Activity Assessment-I **	PR/ INT	0	0	2				100			100	1
11	MCS354 /MCS355/MCS356	Cyber Security Workshop/Robotics Process Automation (UiPath)/AWS	PCC	0	0	2				50			50	1
12	MNC301	Environment Sciences ***	NC	2	0	0	20	10	30		70		100	0
		Total		18	1	12							950	23

SEMESTER –IV

S. N O.	Subject Code	Subject	Cate gory	Periods			Evaluation Scheme							Tot al	Cr edi t
				L	T	P	Continuous Internal Assessment				End Semester				
							CT	TA	To tal	PS	TE	PE			
1	MCS401	Operating System	PCC	3	0	0	20	10	30		70		100	3	
2	MCS402	Object Oriented Programming with Java	PCC	3	0	0	20	10	30		70		100	3	
3	MCS403	Design And Analysis of Algorithm	PCC	3	1	0	20	10	30		70		100	4	
4	MDS401	Introduction to Data Science	PCC	3	0	0	20	10	30		70		100	3	
5	MAS402 /MCS404	Universal Human Value and Professional Ethics / Fundamentals of Cyber Security	HS MC/ PCC	2	0	0	20	10	30		70		100	2	
6	MAE401 /MAE402	Verbal Ability and Communication skills */Quantitative and Logical Reasoning *	AEC	2	0	0				50			50	2	
7	MSE451	Competitive Coding Workshop-II	SEC	0	0	2				50			50	1	
8	MCS451	Operating System Lab	PCC	0	0	2				50		50	100	1	
9	MCS452	Object Oriented Programming with Java Lab	PCC	0	0	2				50		50	100	1	
10	MCS453	Design and Analysis of Algorithm Lab	PCC	0	0	2				50		50	100	1	
11	MCS454 /MCS455/MCS456	Cyber Security Workshop/Robotics Process Automation with UiPath/AWS	PCC /SE C/S EC	0	0	2				50			50	1	
12	MDS451	Introduction to Data Science Lab	PCC	0	0	2				50		50	100	1	
13	MNC402	Sports and Yoga***	NC	0	0	2				50			50	0	
		Minor Degree/Honors Degree MT-1/HT-1													
		Total		13	1	10							1050	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