



BRAINWARE UNIVERSITY
SCHOOL OF ENGINEERING
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
Master of Technology in Computer Science & Engineering– 2025
(As per UGC NEP-2020)

SEMESTER-I

Sl	Course Code	Course	L	T	P	Evaluation Scheme		Total	Credits	Course Level
						CIA	TEE			
1	MTS10400	Research Methodology and Ethics	3	0	0	40	60	100	3	400
2	MTS10401	Mathematics for Machine Learning	3	0	0	40	60	100	3	400
3	MTS10402	Distributed Systems	3	0	0	40	60	100	3	400
4	MTS10403	Advanced Computer Architecture	3	0	0	40	60	100	3	400
5	MTS10404	Software Engineering	3	0	0	40	60	100	3	400
6	MTS10405	Advanced Computer Network and Cyber Security	3	0	0	40	60	100	3	400
7	MTS19500	Distributed Systems Lab	0	0	3	40	60	100	1.5	500
8	MTS19501	Advanced Computer Architecture Lab	0	0	3	40	60	100	1.5	500
10	MAU00001	English for Research Paper Writing*	2	0	0	50	0	0	0	AUC
TOTAL			18+2*	0	6	320+50*	480	800	21	



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SEMESTER -II

Sl. No	Course Code	Course	L	T	P	Evaluation Scheme		Total	Credits	Course Level
						CIA	TEE			
1	MTS20406	Computational Intelligence	3	0	0	40	60	100	3	400
2	MTS20407	Electives A. Parallel Algorithm B. Object Oriented System Design C. MOOC*	3	0	0	40	60	100	3	400
3	MTS27502	Cluster, Grid and Cloud Computing	2	0	2	40	60	100	3	500
4	MTS27503	Machine Learning	2	0	4	40	60	100	4	500
5	MTS27504	Advanced Operating Systems	2	0	2	40	60	100	3	500
6	MTS27505	Deep Learning & LLM	2	0	2	40	60	100	3`	500
7	MAU00002	Stress Management by Yoga	2	0	0	0	0	0	0	AUC
TOTAL			16	0	10	240	360	600	19	

*MOOC/Equivalent MOOC approved by BoS Chair (Evaluation scheme as per Blended Learning and MOOCs Policy)

SEMESTER -III

Sl. No	Course Code	Course	L	T	P	Evaluation Scheme		Total	Credits	Course Level
						CIA	TEE			
1	MTS38506	Dissertation-I	0	0	0	40	60	100	20	500

SEMESTER -IV

Sl. No	Course Code	Course	L	T	P	Evaluation Scheme		Total	Credits	Course Level
						CIA	TEE			
1	MTS48507	Dissertation-II	0	0	0	40	60	100	20	500