



**BRAINWARE UNIVERSITY
SCHOOL OF ENGINEERING
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

Master of Technology in Computer Science & Engineering – Artificial Intelligence & Machine Learning (AIML) - 2024

SEMESTER – I

Sl. No.	Course Code	Course Name	L	T	P	Evaluation Scheme		Total Marks	Credits
						CIA	TEE		
1	MBS00001	Mathematics - I	3	1	0	40	60	100	4
2	MTA10101	Advanced Algorithm	4	0	0	40	60	100	4
3	MTA10102	Artificial Intelligence and Knowledge Representation	4	0	0	40	60	100	4
4	MTA10103	Data Warehousing and Data Mining	3	0	0	40	60	100	3
5	MTA10104	Operating Systems and Virtualization	3	0	0	40	60	100	3
6	MTA19105	Advanced Algorithm Lab	0	0	3	40	60	100	1.5
7	MTA19106	Artificial Intelligence Lab	0	0	3	40	60	100	1.5
8	MTA19107	Data Warehousing and Data Mining Lab	0	0	3	40	60	100	1.5
9	MTA19108	Operating Systems and Virtualization Lab	0	0	3	40	60	100	1.5
TOTAL			17	1	12	360	540	900	24

SEMESTER – II

Sl. No.	Course Code	Course Name	L	T	P	Evaluation Scheme		Total Marks	Credits
						CIA	TEE		
1	MBS00002	Mathematics-II	3	1	0	40	60	100	4
2	MTA20109	Machine Learning	3	1	0	40	60	100	4
3	MTA20110	Web Technologies	3	1	0	40	60	100	4
4	MTA20111	Intelligent Information Retrieval	3	0	0	40	60	100	3
5	MTA20201	A. Bio-Informatics B. Mobile and Micro-Robotics C. Optimization Technique	3	0	0	40	60	100	3
6	MTA29112	Machine Learning Lab	0	0	3	40	60	100	1.5
7	MTA29113	Web Technologies Lab	0	0	3	40	60	100	1.5
8	MTA29114	Intelligent Information Retrieval Lab	0	0	3	40	60	100	1.5
9	MTA29202	A. Bio-Informatics Lab B. Mobile and Micro-Robotics Lab C. Optimization Technique Lab	0	0	3	40	60	100	1.5
TOTAL			15	3	12	360	540	900	24



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SEMESTER – III

Sl. No.	Paper Code	Paper Name	L	T	P	Evaluation Scheme		Total Marks	Credits
						CIA	TEE		
1	MTA30115	Research Methodology	3	0	0	40	60	100	3
2	MTA30116	Deep Learning	3	1	0	40	60	100	4
3	MTA30203	A. Pattern Recognition B. Big Data Analysis C. Cloud Computing	3	0	0	40	60	100	3
4	MTA30204	A. Natural Language processing B. Information Retrieval C. Statistics for Data Analytics	3	0	0	40	60	100	3
5	MTA30117	Research Methodology Lab	0	0	3	40	60	100	1.5
6	MTA30205	A. Pattern Recognition Lab B. Big Data Analysis Lab C. Cloud Computing Lab	0	0	3	40	60	100	1.5
7	MTA38101	Dissertation - I	0	0	0	40	60	100	6
TOTAL			12	1	6	280	420	700	22

SEMESTER – IV

Sl. No.	Course Code	Course Name	L	T	P	Evaluation Scheme		Total Marks	Credits
						CIA	TEE		
1	MTA48102	Dissertation - II	0	0	0	40	60	100	10
2	MTA48103	Grand Viva	0	0	0	0	100	100	4
TOTAL			0	0	0	40	160	200	14