



BRAINWARE UNIVERSITY
SCHOOL OF ENGINEERING
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
Master of Technology in Computer Science & Engineering - Artificial Intelligence & Machine Learning (AIML) -
2022

SEMESTER – I

Course Code	Course Name	L - T - P	Credit(s)	Total Marks
BSC-MMM101	Mathematics -I	3 - 1 - 0	4	100
PCC-MCSM101	Advanced Algorithm	4 - 0 - 0	4	100
PCC-MCSM102	Artificial Intelligence and Knowledge Representation	4 - 0 - 0	4	100
PCC-MCSM103	Data Warehousing and Data Mining	3 - 0 - 0	3	100
PCC-MCSM191	Advanced Algorithm Lab	0 - 0 - 3	1.5	100
PCC-MCSM192	Artificial Intelligence Lab	0 - 0 - 3	1.5	100
PCC-MCSM193	Data Warehousing and Data Mining Lab	0 - 0 - 3	1.5	100
Total			19.5	700

SEMESTER – II

Course Code	Course Name	Course Type	L - T - P	Credits	Total Marks
BSC-MMM201	Mathematics-II		3 - 1 - 0	4	100
PCC-MCSM201	Machine Learning		4 - 0 - 0	4	100
PCC-MCSM202	Soft Computing		4 - 0 - 0	4	100
PEC-MCSM201	Elective I A. Bio-Informatics B. Wireless Sensor Network C. Image Processing		3 - 0 - 0	3	100
PCC-MCSM291	Machine Learning Lab		0 - 0 - 3	1.5	100
PCC-MCSM292	Soft Computing Lab		0 - 0 - 3	1.5	100
PEC-MCSM291	Elective I Lab A. Bio-Informatics Lab B. Wireless Sensor Network Lab C. Image Processing Lab		0 - 0 - 3	1.5	100
Total				19.5	700



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SEMESTER – III

Paper Code	Paper Name	Course Type	L - T - P	Credits	Total Marks
PCC-MCSM301	Research Methodology		3 - 0 - 0	3	100
PCC-MCSM302	Deep Learning		4 - 0 - 0	4	100
PEC-MCSM301	Elective II A. Pattern Recognition B. Big Data Analysis C. Cloud Computing		3 - 0 - 0	3	100
PEC-MCSM302	Elective III A. Natural Language processing B. Information Retrieval C. Statistics for Data Analytics		3 - 0 - 0	3	100
PCC-MCSM391	Research Methodology Lab		0 - 0 - 3	1.5	100
PEC-MCSM391	Elective II Lab A. Pattern Recognition Lab B. Big Data Analysis Lab C. Cloud Computing Lab		0 - 0 - 3	1.5	100
PROJ-MCSM381	Dissertation-I		--	6	100
Total				22	700

SEMESTER – IV

Paper Code	Paper Name	Course Type	L - T - P	Credits	Total Marks
PROJ-MCSM481	Dissertation II		--	10	100
MCSM482	Grand Viva		--	4	100
Total				14	200

Total Credit: 75
Total Marks: 2300