



BRAINWARE UNIVERSITY
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
Course Structure: Master of Technology in Computer Science & Engineering 2020

SEMESTER – I

Course Code	Course Name	L - T - P	Credits	Total Marks
BSC-MM101	Applicable Mathematics	4 - 0 - 0	4	100
PCC-MCS101	Advanced Data Structures	4 - 0 - 0	4	100
PCC-MCS102	Advanced DBMS	4 - 0 - 0	4	100
PCC-MCS191	Advanced Data Structures Lab	0 - 0 - 3	2	100
PCC-MCS192	Advanced DBMS Lab	0 - 0 - 3	2	100
PCC-MCS193	PHP with MySQL Lab	0 - 0 - 3	2	100
	Total		18	600

SEMESTER – II

Course Code	Course Name	L - T - P	Credits	Total Marks
PCC-MCS201	Advanced Algorithms	4 - 0 - 0	4	100
PCC-MCS202	Computational Intelligence	4 - 0 - 0	4	100
PCC-MCS203	Advanced Operating System	4 - 0 - 0	4	100
PEC-MCS201	Elective I – A. Machine Learning B. Data Science C. Wireless Sensor Network	4 - 0 - 0	4	100
PCC-MCS291	Advanced Algorithms Lab	0 - 0 - 3	2	100
PCC-MCS292	Advanced Operating System	0 - 0 - 3	2	100
PCC-MCS293	Android Apps & Python Lab	0 - 0 - 3	2	100
	Total		22	700



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SEMESTER – III

Course Code	Course Name	L - T - P	Credits	Total Marks
PEC-MCS301	Elective II – A. Mobile Computing B. Software Project Management C. Advanced Computer Architecture	4 - 0 - 0	4	100
PEC-MCS302	Elective III – A. Bio-Informatics B. Distributed System C. Network Security	4 - 0 - 0	4	100
PEC-MCS303	Elective IV – A. Digital Signal Processing B. Pattern recognition C. Supply Chain Management	4 - 0 - 0	4	100
PROJ-MCS381	Dissertation-I	-----	6	100
	Total		18	400

SEMESTER – IV

Course Code	Course Name	L - T - P	Credits	Total Marks
PROJ-MCS481	Dissertation II	-----	10	100
MCS482	Grand Viva	-----	2	100
	Total		12	200