

SCHEME OF STUDIES MS (CS) Department of Computer Science

w.e.f. WINTER SEMESTER 2024-2025			
Course No.	Title of Course	Credit Hours	Type
FIRST SEMESTER			
CS-701	Advanced Theory of Computation	3(2-1)	Major
CS-702	Advanced Algorithm Analysis	3(2-1)	Major
CS-703	Advanced Operating Systems	3(2-1)	Major
CS-704	Advanced Computer Architecture	3(2-1)	Major
Total Credit Hours		12 (8-4)	
SECOND SEMESTER			
CS-705	Advanced Computer Networks	3(2-1)	Major
CS-708	Computer Vision	3(2-1)	Major
MIS-703	Expert System and Applied Artificial Intelligence	3(2-1)	Minor
BMS-713	Innovation and Entrepreneurship	3(2-1)	Minor
Total Credit Hours		12 (8-4)	
THIRD SEMESTER			
SE-714	Research Methods and Scientific Writing	4(3-1)	Minor
Stat-701	Experimental Statistics (Compulsory Minor)	3(2-1)	Minor
CS-719	Special Problem	1(1-0)	Major
CS-720	Seminar	1(1-0)	Major
Total Credit Hours		9 (7-2)	
FOURTH SEMESTER			
	Research and Thesis	6(0-6)	Major
Total Credit Hours		6(0-6)	