

SCHEME OF STUDIES MS (SE) Department of Computer Science

w.e.f. WINTER SEMESTER 2024-2025			
Course No.	Title of Course	Credit Hours	Type
FIRST SEMESTER			
SE-702	Requirement Engineering	3(2-1)	Major
SE-703	Advanced Algorithm Analysis	3(2-1)	Major
SE-704	Software Design and Architecture	3(2-1)	Major
SE-707	Software Measurement and Metrics	3(2-1)	Major
Total Credit Hours		12 (8-4)	
SECOND SEMESTER			
SE-701	Software Quality Assurance	3(2-1)	Major
SE-706	Component-Based Software Engineering	3(2-1)	Major
CS-716	Latest Trends in Internet of Things	3(2-1)	Allied
MIS-701	Business Database Technology	3(2-1)	Allied
Total Credit Hours		12 (8-4)	
THIRD SEMESTER			
MIS-703	Expert System and Applied Artificial Intelligence	3(2-1)	Allied
BMS-713	Innovation and Entrepreneurship	3(3-0)	General Education
Stat-701	Experimental Statistics (Compulsory Minor)	3(2-1)	General Education
SE-719	Special Problem	1(1-0)	Major
SE-720	Seminar	1(1-0)	Major
Total Credit Hours		11 (9-2)	
FOURTH SEMESTER			
	Research and Thesis	6(0-6)	Major
Total Credit Hours		6(0-6)	