Proposed M. Sc. Computer Science Course Structure & Syllabus (CBCS)
(2018 onwards)
Total Credits – 96

Course Code	Courses	L-T-P	Credits
	First Semester	**L-T-P**	**Credits**
MSCSC1001C04	Operating Systems	3-1-0	4
MSCSC1002C04	Data Structure and Algorithms	3-1-0	4
MSCSC1003C04	Computer Networks	3-0-1	4
MSCSC1004C04	Data Structure Lab	0-0-4	4
MSCSC*******	Elective – I (Within Dept.)	-	4
************	Elective – II (Outside Dept.)	-	4
Total Credits			**24**
	Second Semester		
MSCSC2001C04	Database Management System	3-0-1	4
MSCSC2002C04	Object Oriented Programming Methodology	3-0-1	4
MSCSC2003C04	Software Engineering	3-1-0	4
MSCSC*******	Elective – III (Within Dept.)	-	4
MSCSC*******	Elective – IV (Outside Dept.)	-	4
************	Elective – V (SWAYAM/Within Dept.)	-	4
Total Credits			**24**
	Third Semester		
MSCSC3001C04	Artificial Intelligence	3-1-0	4
MSCSC3002C04	Design & Analysis of Algorithms	3-0-1	4
MSCSC3003C04	Data Mining	3-1-0	4
MSCSC*******	Elective -VI (Within Dept.)	-	4
MSCSC*******	Elective-VII (Within Dept.)	-	4
************	Elective-VIII(Within Department)	-	4
************	Skill Based Course / Self Study / Non-Credit	-	Non-Credit
Total Credits			**24**
	Fourth Semester		
MSCSC4001C24	Project in Industry/Institute	-	24
Total Credits			**24**