

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

Course Code		Course	
		First Semester	L-T-P Credits
MSA/SC/0001C/UG		Operating Systems	3-1-0 4
MSA/SC/0002C/UG		Data Structure and Algorithms	3-1-0 4
MSA/SC/0003C/UG		Computer Networks	3-0-1 4
MSA/SC/0004C/UG		Data Structure Lab	0-0-4 4
MSA/SC/*****		Elective – I (Within Dept.)	- 4
*****		Elective – II (Outside Dept.)	- 4
Total Credits			24
		Second Semester	
MSA/SC/0005C/UG		Database Management System	3-0-1 4
MSA/SC/0006C/UG		Object Oriented Programming Methodology	3-0-1 4
MSA/SC/0007C/UG		Software Engineering	3-1-0 4
MSA/SC/*****		Elective – III (Within Dept.)	- 4
MSA/SC/*****		Elective – IV (Outside Dept.)	- 4
*****		Elective – V (SW A/V Addl/Wthin Dept.)	- 4
Total Credits			24
		Third Semester	
MSA/SC/0008C/UG		Artificial Intelligence	3-1-0 4
MSA/SC/0009C/UG		Design & Analysis of Algorithms	3-0-1 4
MSA/SC/0010C/UG		Data Mining	3-1-0 4
MSA/SC/*****		Elective VI (Within Dept.)	- 4
MSA/SC/*****		Elective VII (Within Dept.)	- 4
*****		Elective VIII (Within Department)	- 4
*****		Self Based Course / Self Study / Non-Credit	- Non-Credit
Total Credits			24
		Fourth Semester	
MSA/SC/0011C/UG		Project in Industry/Institute	- 24
Total Credits			24