

**DEPARTMENT OF MATHEMATICS & COMPUTER SCIENCE,
SCHOOL OF BASIC SCIENCES
BABU BANARASI DAS UNIVERSITY, LUCKNOW**

**M. Sc. Computer Science
(Under Choice Based Credit System)**

**Course Structure & Evaluation Scheme
(Effective from 2020-21)**

Course	Code	Title	Teaching		Evaluation				Credits		
					Theory	Lab		Total			
						Session/ Viva Voce/ Project	Test			Exam	
L		T		P		T		E			
SEMESTER - I											
Core	MC1101	Discrete Mathematical Structures	3	0	-	40	60	-	-	100	4
Core	MC1102	Principles of Programming Language	3	0	-	40	60	-	-	100	4
Core	MC1103	Theory of Automata	3	0	-	40	60	-	-	100	4
Core	MC1104	Computer Organization and Architecture	3	0	-	40	60	-	-	100	4
Core	MC1105	Operating Systems	3	0	-	40	60	-	-	100	4
Lab	MC1111	Programming in C Lab	-	-	4	-	-	40	60	100	2
Lab	MC1112	Computer Organization and Architecture Lab	-	-	4	-	-	40	60	100	2
										34	
SEMESTER - II											
Core	MC1201	Design and Analysis of Algorithms	3	0	-	40	60	-	-	100	4
Core	MC1202	Computer Network	3	0	-	40	60	-	-	100	4
Core	MC1203	Object-Oriented Programming using JAVA	3	0	-	40	60	-	-	100	4
Core	MC1204	Relational Database Management System	3	0	-	40	60	-	-	100	4
DSB		Discipline Specific Elective - I	3	0	-	40	60	-	-	100	4
Lab	MC1211	Relational Database Management System Lab	-	-	4	-	-	40	60	100	2
Lab	MC1212	Object-Oriented Programming using JAVA Lab	-	-	4	-	-	40	60	100	2
Lab	MC1213	Seminar	-	-	-	-	-	100	-	100	1
										35	
SEMESTER - III											
Core	MC1301	Artificial Intelligence	3	0	-	40	60	-	-	100	4
Core	MC1302	Software Engineering	3	0	-	40	60	-	-	100	4
DSB		Discipline Specific Elective - II	3	0	-	40	60	-	-	100	4
DSB		Discipline Specific Elective - III	3	0	-	40	60	-	-	100	4
Lab	MC1311	Artificial Intelligence Lab	-	-	4	-	-	40	60	100	2
Lab	MC1312	Mini Project	-	-	-	-	-	100	-	100	4
										31	
SEMESTER - IV											
Lab	MC1411	Major Project	-	-	-	-	-	50	50	100	20
Lab	MC1412	Comprehensive Viva Voce	-	-	-	-	-	-	100	100	1
										21	