MSc (CS / IT)

Course Scheme

School of Computer Science & IT

Devi Ahilya Vishwa Vidyalaya, Indore

MSc (CS/IT) 1st Semester

Subject Code	Subject Name	L	T	P	C	Max. Internal marks	Max. Practical/ Project marks	Max. End Semester Exam marks	Total Marks
CS-4022	Computer Organization and Assembly Language Programming	3	1	2	5	30	20	50	100
CS-4205	Programming and Problem-Solving Using C	3	1	4	6	30	20	50	100
CS-5511	Operating Systems	3	1	2	5	30	20	50	100
CS-4116	Discrete Structures	3	1	0	4	40	-	60	100
IC-4916	Communication Skills and Report Writing	2	1	0	3	40	-	60	100
CS- 4809 A	Comprehensive Viva	-	-	-	4	-	-	-	100
	Total Credit ->				27		Total Marks ->		600

MSc (CS/IT) 2nd Semester

Subject Code	Subject Name	L	T	P	C	Max. Internal marks	Max. Practical/ Project marks	Max. End Semester Exam marks	Total Marks
CS-4209	Data Structures Using C++	3	1	2	5	30	20	50	100
CS-4405	Database Management System	3	1	4	6	30	20	50	100
CS-4305	Software Engineering	3	1	0	4	40	-	60	100
CS-4008	Computer Architecture	3	1	2	5	30	20	50	100
IC-4915	Organization and Management Concepts	3	1	0	4	40	-	60	100
CS-4809B	Comprehensive Viva	-	-	-	4	-	-	-	100
	Total Credit ->				28		Total Marks ->		600

MSc (CS/IT) 3rd Semester

Subject Code	Subject Name	L	T	P	C	Max. Internal marks	Max. Practical/ Project marks	Max. End Semester Exam marks	Total Marks
CS-5613	Computer Networks	3	1	0	4	40	-	60	100
CS-5713	Data Analytics using R	3	1	4	6	30	20	50	100
CS-5123	Theory of Computation	3	1	0	4	40	-	60	100
CS-4211	Object Oriented Programming using JAVA	3	1	4	6	30	20	50	100
CS-4508	Computer Graphics and Multimedia	3	1	2	5	30	20	50	100
CS-5809A	Comprehensive Viva	-	-	-	4	-	-	-	100
	Total Credit ->				29		Total Marks ->		600

MSc (CS/IT) 4th Semester

Subject Code	Subject Name	L	T	P	C	Max. Internal marks	Max. Practical/ Project marks	Max. End Semester Exam marks	Total Marks
CS-5617	Internet & Web Technology	3	1	4	6	30	20	50	100
CS-5216	Design and Analysis of Algorithms	3	1	2	5	30	20	50	100
CS-5805B	Project	-	-	-	12	-	-	-	100
CS-5809B	Comprehensive Viva	-	-	-	4	-	-	-	100
	Total Credit ->				27		Total Marks ->		400