

Syllabus for M.Sc.,(Computer Science)

Semester	Subject Code	Subject Name	L	T	P	C
I	CS 761	Mathematical Foundations of Comp. Science	3	0	0	3
	CS 763	Computer Organization and Architecture	2	1	0	3
	CS 765	Structured and Object Oriented Programming	2	1	0	3
	CS 767	Data Structures	3	0	0	3
	CS 769	Operating Systems	3	0	0	3
	CS 751	C++ Programming Lab	0	0	4	2
	CS 753	Operating systems Lab – Unix & Shell Progg	0	0	4	2
II	CS762	Design and Analysis of Algorithms	2	1	0	3
	CS 764	Computer Graphics	2	1	0	3
	CS 766	Data Base Management System	3	0	0	3
	CS 768	Visual and Dot Net programming	3	0	0	3
	CS 770	Computer Networks	3	0	0	3
	CS 752	.NET Lab	0	0	4	2
	CS 754	DBMS & Case Tools Lab	0	0	4	2
III	CS 771	Java Programming	2	1	0	3
	CS 773	Software Engineering	3	0	0	3
	CS 775	Web Technology	3	0	0	3
	CS 7A_	Elective-I	3	0	0	3
	CS 7B_	Elective-II	3	0	0	3
	CS 755	Web Tech/Java Lab	0	0	4	2
	CS 757	Mini Project	0	0	4	2
IV	CS 799	Project Work	0	0	0	10
		Grand Total	40	5	24	67

Elective Papers

Subject Code	Subject Name	L	T	P	C
CS 7A1	Data Mining	3	0	0	3
CS 7A2	Information Security	3	0	0	3
CS 7A3	Web Services	3	0	0	3
CS 7A4	Statistics and Data Analytics	3	0	0	3
CS 7B1	Soft Computing	3	0	0	3
CS7B2	Data Compression	3	0	0	3
CS7B3	Mobile Computing	3	0	0	3
CS 7B4	Distributed computing	3	0	0	3

L : LECTURE | T : TUTORIAL | P : PRACTICAL | C : CREDITS