

Program Name: Master of Computer Application

Abbreviation Name: MCA

Semester: 2

Program Code: CS201

With effect from: 2023-24

Course Code	Course Name	Type of Course	Credit	Hours per week				Theory (Marks)				Practical (Marks)				Total (Marks)
				L	T	P	Total	University Assessment		Continuous Assessment		University Assessment		Continuous Assessment		
								Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	
3CS2010201T	Computer Networking and Security	-	4	4	-	-	4	24	60	16	40	-	-	-	-	100
3CS2010202T	Data Structure	-	3	3	-	-	3	24	60	16	40	-	-	-	-	100
3CS2010203T	Fundamentals of Java Programming	-	3	3	-	-	3	24	60	16	40	-	-	-	-	100
	Elective-I	-	4	4	-	-	4	24	60	16	40	-	-	-	-	100
	Elective-II	-	4	4	-	-	4	24	60	16	40	-	-	-	-	100
3CS2010202P	Data Structure Practical	-	3	-	-	3	3	-	-	-	-	10	25	10	25	50
3CS2010203P	Fundamentals of Java Programming Practical	-	3	-	-	3	3	-	-	-	-	10	25	10	25	50
	Elective-I Practical	-	3	-	-	3	3	-	-	-	-	10	25	10	25	50
	Elective-II Practical	-	3	-	-	3	3	-	-	-	-	10	25	10	25	50
Total			30	18	-	12	30									700

List of Elective-I Courses

Sr. No.	Course Code	Course Name	Credit
1	3CS2010204T	Programming with Python	4
2	3CS2010205T	Image Processing	4
3	3CS2010206T	Cloud Computing	4

List of Elective-I Courses Practical

Sr. No.	Course Code	Course Name	Credit
1	3CS2010204P	Programming with Python Practical	3
2	3CS2010205P	Image Processing Practical	3
3	3CS2010206P	Cloud Computing Practical	3

List of Elective-II Courses

Sr. No.	Course Code	Course Name	Credit
1	3CS2010207T	Open-Source Technology using PHP	4
2	3CS2010208T	Big Data Analytics	4
3	3CS2010209T	Information Retrieval (IR)	4

List of Elective-II Courses Practical

Sr. No.	Course Code	Course Name	Credit
1	3CS2010207P	Open-Source Technology using PHP Practical	3
2	3CS2010208P	Big Data Analytics Practical	3
3	3CS2010209P	Information Retrieval (IR) Practical	3