

Program Name: Master of Computer Application (MCA)
Semester/Year: Semester – I / First Year

Program Code: CS201
Effective From Academic Year: 2020-21

Subject Code	Subject Name	Credit	Hours per week				Theory (Marks)		Practical (Marks)		Total (Marks)
			L	T	P	Total	University Assessment	Continuous Assessment	University Assessment	Continuous Assessment	
2CS2010101	Computer-Oriented Numerical & Statistical Methods	5	4	1	-	5	60	40	-	-	100
2CS2010102	Fundamentals of Programming	7	4	-	3	7	60	40	30	20	150
2CS2010103	Operating System	4	3	1	-	4	60	40	-	-	100
2CS2010104	Database Management System	7	4	-	3	7	60	40	30	20	150
2CS2010105	Dynamic HTML	7	4	-	3	7	60	40	30	20	150
		30	19	2	9	30	300	200	90	60	650

Program Name: Master of Computer Application (MCA)
Semester/Year: Semester – II / First Year

Program Code: CS201
Effective From Academic Year: 2020-21

Subject Code	Subject Name	Credit	Hours per week				Theory (Marks)		Practical (Marks)		Total (Marks)
			L	T	P	Total	University Assessment	Continuous Assessment	University Assessment	Continuous Assessment	
2CS2010201	Fundamental of Networking	4	3	1	-	4	60	40	-	-	100
2CS2010202	Data Structure	7	3	1	3	7	60	40	30	20	150
2CS2010203	Programming with JAVA	7	4	-	3	7	60	40	30	20	150
	Elective-I	6	3	-	3	6	60	40	30	20	150
	Elective-II	6	3	-	3	6	60	40	30	20	150
		30	16	2	12	30	300	200	120	80	700

List of Elective Subjects:

Elective – I	
2CS2010204	Programming with Python
2CS2010205	Image Processing
2CS2010206	Cloud Computing
Elective – II	
2CS2010207	Programming with Linux, Apache, MySQL, and PHP (LAMP)
2CS2010208	Design and Analysis of Algorithm (DAA)
2CS2010209	Information Retrieval (IR)