



Sandip University

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School of Computer Science and Application

Course Structure for Post-graduate Programme of Master of Computer Application (M.C.A.)

Semester - IV

Sr. No.	Course Code	Theory Paper/Practical	Teaching Scheme (Hrs/Week)			Credits	Examination Scheme					
			T	P	Total		Duration University Exam. (Hrs.)	CIA	University Exam. (Maximum Marks)			Total Marks
									T	P	TW	
01	CSA0100P401	Theory of Computations	4	--	4	4	3	40	60	--	--	100
02	CSA0100P402	Compiler Design	4	--	4	4	3	40	60	--	--	100
03	CSA0100P403	Web Technologies	4	--	4	4	3	40	60	--	--	100
04	CSA0100P404	Operations Research	4	--	4	4	3	40	60	--	--	100
05	*CSA0100P405	Elective-II	4	--	4	4	3	40	60	--	--	100
06	CSA0100P406	Lab Course based on Compiler Design	--	4	4	2	3	--	--	25	25	50
07	CSA0100P407	Lab Course based on Web Technologies	--	4	4	2	3	--	--	25	25	50
Total			20	8	28	24		200	300	50	50	600

CIA : Continuous Internal Assessment

T : Theory

P : Practical

TW : Term Work

***** : As per chosen Elective

Elective II:

CSA0100P405I

CSA0100P405II

CSA0100P405III

Cloud Computing and Security

Mobile Computing

Advance Data Mining