



Sandip University

Trimbak Road, A/p - Mahiravani, Tal. & Dist. – Nashik, Pin – 422 213

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School of Computer Sciences and Applications

Course Structure for Undergraduate Programme of Bachelor of Computer Application (B.C.A)

Semester - V

Sr. No.	Course Code	Theory Paper/Practical	Teaching Scheme (Hrs/Week)			Credits	Examination Scheme					
			T	P/O	Total		Duration University Exam. (Hrs.)	CIA	University Exam. (Maximum Marks)			Total Marks
									T	P	TW	
01	CSA0100U501	Software Engineering	4	--	4	4	3	40	60	--	--	100
02	CSA0100U502C	Data Mining and Warehousing	4	--	4	4	3	40	60	--	--	100
03	CSA0100U503IC	(Elective)Open Source Technologies	4	--	4	4	3	40	60	--	--	100
	CSA0100U503IIC	(Elective)Information Security										
04	CSA0100U504	Multimedia Applications	4	--	4	4	3	40	60	--	--	100
05	CSA0100U505	Cloud Computing	4	--	4	4	3	40	60	--	--	100
06	CSA0100U506C	Lab Course based on Data Mining and Warehousing	--	4	4	2	3	--	--	25	25	50
07	CSA0100U507	Lab Course based on Multimedia and Applications	--	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

O : Oral

Elective CSA0100U503IC Open Source Technologies

CSA0100U503IIC Information Security

Document Ref.	Rev. No./ Date	Issue No./ Date	Prepared by	Approved by
SUN/SOCSA/ /_____/_____/2017-18				



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			T	P/O	Total		Duration University Exam. (Hrs.)	CIA	University Exam. (Maximum Marks)			Total Marks
									T	P	TW	
01	CSA0100U601C	Software Project Management	4	--	4	4	3	40	60	--	--	100
02	CSA0100U602IC	(Elective)Programming in PHP	4	--	4	4	3	40	60	--	--	100
	CSA0100U602IIC	(Elective)Android Programming										
03	CSA0100U603C	Lab Course based on Electives	--	4	4	2	3	--	--	25	25	50
03	CSA0100U604C	In Plant Project Work & Seminar	--	--	--	6	3	50	--	--	100	150
Total			8	4	12	16		90	120	25	125	400

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Elective CSA0100U602IC Programming in PHP

CSA0100U602IIC Android Programming

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