



Department of Computer Science
Faculty of Management & Technology
Gujarat Vidyapith, Ahmedabad
Program Structure: F.Y.B. C. A. (Semester-I)
(w.e.f. Academic Year : June, 2022-2023)

Subject		Teaching Scheme				Examination Scheme								
Course Code	Title	Teaching per Week (Hours)		Course Credits		Internal Exam						University Exam		Total Marks
		Theory	Practical	Theory	Practical	Theory			Practical			Theory Marks	Practical Marks	
						Weekly/Sessional	Cont. Evaluation	Total Marks	Sessional	Cont. Evaluation	Total Marks			
BCA-101	Communication skill-I	3	-	3		20	20	40				60		100
BCA-102	Fundamentals of Computer (કમ્પ્યુટરના મૂળ તત્વ)	3	-	3		20	20	40				60		100
BCA-103	Problem Solving and Programming Language ('C') (સમસ્યાનો ઉકેલ અને સક્રમાદેશ ભાષા (સી))	4	-	4		20	20	40				60		100
BCA-104	Web Design-I (વેબ ડિઝાઇન-1)	4	-	4		20	20	40				60		100
BCA-105	Mathematical Logic (તર્ક ગણિત)	2	-	2		20	20	40				60		100
BCA-106	Environment Studies (પર્યાવરણનો અભ્યાસ)	2	-	2		20	20	40				60		100
BCA-107	Lab Based on BCA-103	-	4	-	2				20	20	40		60	100
BCA-108	Lab Based on BCA-104	-	4	-	2				20	20	40		60	100
BCA-109	Udyog		4		2									Grade
	Padyatra				2									Grade
Total		18	12	18	8									



Department of Computer Science
Faculty of Management & Technology
Gujarat Vidyapith, Ahmedabad
Program Structure: F.Y.B. C. A. (Semester-II)
(w.e.f. Academic Year: June, 2022-2023)

Subject		Teaching Scheme				Examination Scheme								
Course Code	Title	Teaching per Week (Hours)		Course Credits		Internal Exam						University Exam		Total Marks
		Theory	Practical	Theory	Practical	Theory			Practical			Theory Marks	Practical Marks	
						Weekly/Sessional	Cont. Evaluation	Total Marks	Sessional	Cont. Evaluation	Total Marks			
BCA-201	Communication skill-II	3	-	3		20	20	40				60		100
BCA-202	Database Management System (ડેટાબેઝ મેનેજમેન્ટ સિસ્ટમ)	4	-	4		20	20	40				60		100
BCA-203	Advanced 'C' Programming (આધુનિક 'સી' સક્રમાદેશ)	3	-	3		20	20	40				60		100
BCA-204	Web Design-II (વેબ ડિઝાઇન-II)	3	-	3		20	20	40				60		100
BCA-205	Mathematics-I (ગણિત-I)	3	-	3		20	20	40				60		100
BCA-206	CBCS	2	-	2										
BCA-207	Lab Based on BCA-203	-	4	-	2				20	20	40		60	100
BCA-208	Lab Based on BCA-204	-	4	-	2				20	20	40		60	100
BCA-209	Udyog		4		2									Grade
Total		18	12	18	6									