



**SARDAR PATEL UNIVERSITY**  
**Vallabh Vidyanagar, Gujarat**  
**(Reaccredited with 'A' Grade by NAAC (CGPA 3.25))**  
**Syllabus with effect from the Academic Year 2021-2022**

**BCA (Bachelor of Computer Applications)**  
**BCA Course Structure for Semester-I**

Programme Outcome (PO) - For B.Sc. Programme	The objective of the BCA programme is to prepare students for a career in software design, development and testing as well as IT support by training them in the core and emerging areas of computer applications.
Programme Specific Outcome (PSO) - For B.Sc. Semester - I	The objective of the BCA programme is to prepare students for a career in software design, development and testing as well as IT support by training them in the core and emerging areas of computer applications.

To Pass	
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Course Type	Course Code	Name Of Course	Theory/ Practical	Credit	Contact Hours Per Week	Exam Duration in hrs	Component of Marks		
							Internal Total	External Total	Total Total
Ability Enhancement Courses	US01ABCA51	Lab-Communication Skills in English-I	P	2	2	2	=	50	50
Core Courses	US01CBCA51	Programming Fundamentals Using C	T	4	4	3	30	70	100
	US01CBCA52	Web Application Development-I	T	4	4	3	30	70	100
	US01CBCA53	Fundamentals of Computer Organization	T	4	4	3	30	70	100
	US01CBCA54	Practicals	P	6			=	150	150
Skill Enhancement Courses (Any One)	US01SBCA51	Environmental Studies	T	2	2	2	=	50	50
	US01SBCA52	NCC Army-1	T/P	2	2	2	=	50	50

