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–II

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 - II	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	(1)…. (2)….

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	US02ABCA51	Lab-Communication Skills in English-II	P	2	2	2	=	50	50
Core Courses	US02CBCA51	Advanced C Programming	T	4	4	3	30	70	100
	US02CBCA52	Web Application Development-II	T	4	4	3	30	70	100
	US02CBCA53	Database Management System – I	T	4	4	3	30	70	100
	US02CBCA54	Practicals	P	6			=	150	150
Skill Enhancement Courses (Any One)	US02SBCA51	Mathematics	T	2	2	2	=	50	50
	US02SBCA52	NCC Army-2	T/P	2	2	2	=	50	50