SARDAR PATEL UNIVERSITY
Vallabh Vidyanagar, Gujarat
(Reaccredited with 'A' Grade by NAAC (CGPA 3.25)
Syllabus with effect from the Academic Year 2022-2023

BCA (Bachelor of Computer Applications)
BCA Course Structure for Semester–III

Programme Outcome (PO) - For B.C.A. 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.C.A. Semester - III	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.

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	US03ABCA51	Computer Oriented Numerical and Statistical Methods	P	2	2	2	=	50	50
Core Courses	US03CBCA51	Object Oriented Programming – I	T	4	4	3	30	70	100
	US03CBCA52	Data Structures- I	T	4	4	3	30	70	100
	US03CBCA53	Database Management System - II	T	4	4	3	30	70	100
	US03CBCA54	System Analysis and Design	T	4	4	3	30	70	100
	US03CBCA55	Practicals-I	P	4	4	3	=	100	100
	US03CBCA56	Practicals-II	P	4	4	3	=	100	100
Skill Enhancement Courses (Any One)	US03SBCA51	Digital Computer Electronics	T	2	2	2	=	50	50
	US03SBCA52	Management Information System	T	2	2	2	=	50	50
	US03SBCA53	E-Commerce	T	2	2	2	=	50	50
	US03SBCA54	Accounting	T	2	2	2	=	50	50
	US03SBCA55	Enterprise Resource Planning	T	2	2	2	=	50	50
	US03SBCA56	Business Statistics	T	2	2	2	=	50	50