SARDAR PATEL UNIVERSITY
Vallabh Vidyanagar, Gujarat
(Reaccredited with 'A' Grade by NAAC (CGPA 3.11)
Syllabus with effect from the Academic Year 2024-2025

PROGRAMME SPECIFIC OBJECTIVE:

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.

BCA (Bachelor of Computer Applications)
Semester-IV

Course Type	Subject Code	Subject Title	Theory/ Practical	Credits	Weekly Contact Hours	Exam Duration	Marking Scheme		
							Internal	External	Total
Discipline Specific Course Core (Major)	US04MABCA01	Object Oriented Programming - I	T	4	4	2:30	50	50	100
	US04MABCA02	Operating Systems	T	4	4	2:30	50	50	100
	US04MABCA03	Practical based on US04MABCA01 and US04MABCA02	P	4	8	3:00	50	50	100
Minor	US04MIBCA04	Database Management Systems - II	T	2	2	1:30	25	25	50
	US04MIBCA05	Database Management Systems - II Lab	P	2	4	1:30	25	25	50
Ability Enhancement Course	US04AEBCA06	Software Project Management	T	2	2	1:30	25	25	50
Skill Enhancement Course	US04SEBCA07	System Analysis and Design	T	2	2	1:30	25	25	50
Value-Added Course (Any One)	US04VABCA08	Integrated Personality Development	T	2	2	1:30	25	25	50
	US04VABCA09	Life Skills and Self Enhancement	T	2	2	1:30	25	25	50