SARDAR PATEL UNIVERSITY
Vallabh Vidyanagar, Gujarat
(Reaccredited with 'A' Grade by NAAC (CGPA 3.11)
Syllabus with effect from the Academic Year 2023-2024

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.

Course Structure under NEP - 2020 BCA Semester-II

	Subject Code	Subject Title	Theory/ Practical	Credits	Weekly Contact Hours	Exam Duration	Marking Scheme		
							Internal	External	Total
Discipline Specific Course Core (Major)	**US02MABCA01**	Advanced C Programming	T	4	4	2:30	50	50	100
	US02MABCA02	Advanced C Programming Lab	P	4	8	3	50	50	100
Minor	**US02MIBCA03**	Web Application Development-II	T	2	2	1:30	25	25	50
	US02MIBCA04	Web Application Development-II Lab	P	2	4	2	25	25	50
Interdisciplinary	**US02IDBCA05**	Digital Electronics	T	2	2	1:30	25	25	50
	US02IDBCA06	Digital Electronics Lab	P	2	4	2	25	25	50
Ability Enhancement Course	**US02AEBCA07**	Communication Skills in English-II	P	2	4	2	25	25	50
IKS/Value-Added Course	**US02VABCA08**	Environment Studies	T	2	2	1:30	25	25	50
Skill Enhancement Course/Internship /Dissertation	**US02SEBCA09**	Information Technology Fundamentals – II (ITF-II)	T	2	2	1:30	25	25	50