Bachelor of Computer Applications (BCA)

PROGRAMME OUTCOME

At the end of the BCA programme the students will be able to:
- Understand the fundamental concepts of computers, software hardware and peripheral devices and evolution of computer technologies.
- Work in the IT sector as system engineer, software tester, junior programmer, web developer, system administrator, software developer etc.
- Apply standard software engineering practices and strategies in software project development using open source programming environment to deliver a quality of product for business success.

PROGRAM SPECIFIC OUTCOMES

- Equip themselves to potentially rich & employable field of computer applications.
- Pursue higher studies in the area of Computer Science/Applications.
- Take up self-employment in Indian & global software market.
- Meet the requirements of the Industrial standards.

C P PATEL AND F H SHAH COMMERCE (AUTONOMOUS) COLLEGE, ANAND

(Managed by SARDAR PATEL EDUCATION TRUST,ANAND)

AFFILIATED TO SARDAR PATEL UNIVERSITY, V V NAGAR

An ISO 9001 2015 Certified / An ISO 14001-2015 Certified / An ISO 21001-2018 Certified

GUJARAT INSTITUTIONAL RATING FRAMEWORK (4 STAR)

AAA Reaccredited CGPA 3.56 – GRADE A^+ KCG-Dept of Edu. Govt of Gujarat-April 2017

NAAC Reaccredited - CGPA 3.30 - GRADE 'A^+' UGC – MHRD, Govt of India – June 2022

Syllabus as per NEP 2020 with effect from the Academic Year 2023-2024

With Effective from December 2023
Course Structure under NEP – 2020(BCA) Semester-II

Subject		Subject Code	Subject Title	Credits	WCH	Exam Duration	Marking Scheme		
							Int	Ext	Total
Discipline Specific Course Core (Major)	Core Course-1	US2MABCA01	Problem Solving Through Advanced Programming	4	4	2	50/18	50/18	100/36
	Practical of Core Course-1	US2MABCA02	Practical Based On Problem Solving Through Advanced Programming	4	4	2	50/18	50/18	100/36
Minor	Minor Course-1	US2MIBCA03	Advanced Web Application with JQuery	2	2	1	25/09	25/09	50/18
	Practical of Minor Course-1	US2MIBCA04	Practical Based On Advanced Web Application with JQuery	2	4	1	25/09	25/09	50/18
Inter disciplinary	Inter disciplinary Course-1	US2IDBCA05	Mathematics	2	2	1	25/09	25/09	50/18
	Practical of Inter disciplinary Course-1	US2IDBCA06	Practical Based Mathematics	2	4	1	25/09	25/09	50/18
Ability Enhancement Course		US2AEBCA07	Foundation of Communication Skills in English-II	2	2	1	25/09	25/09	50/18
Skill Enhancement Course/Internship/ Dissertation		US2SEBCA08	Multimedia Technologies	2	2	1	25/09	25/09	50/18
IKS/Value Added Course (Any One)		US2VABCA01	Environmental Studies	2	2	1	25/09	25/09	50/18
		US2VABCA02	NCC-I	2	2	1	25/09	25/09	50/18
		US2VABCA03	NSS-I	2	2	1	25/09	25/09	50/18
		US2VABCA04	Yoga, Meditation & Fitness-I	2	2	1	25/09	25/09	50/18
Minimum Qualifying Credits				22					