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 2025-2026

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.

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With Effective from June 2025
Course Structure under NEP – 2020(BCA) Semester-VI

Subject		Subject Code	Subject Title	Theory/ Practical	Credits	WCH	Exam Duration	Marking Scheme		
								Int	Ext	Total
Discipline Specific Course Core (Major)	Core Course-1	US6MABCA01	.NET Technology With C#	T	4	4	2	50/18	50/18	100/36
	Core Course-2	US6MABCA02	Mobile Application Development	T	4	4	2	50/18	50/18	100/36
	Practical of Core Course-1 and Core Course-2	US6MABCA03	Practical Based on .NET technology and Mobile Application Development	P	4	4	2	50/18	50/18	100/36
Minor	Minor Course-1	US6MIBCA04	Software Engineering	T	4	4	2	50/18	50/18	100/36
Ability Enhancement Course	Ability Enhancement Course-1	US6AEBCA05	Artificial Intelligence	T	2	2	1	25/09	25/09	50/18
Internship		US6INBCA06	Internship	T	4	8	2	50/18	50/18	100/36
Minimum Qualifying Credits					22					