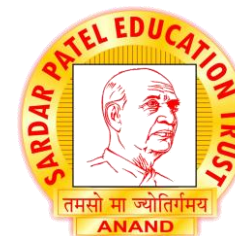




**C P PATEL AND F H SHAH COMMERCE COLLEGE, ANAND
(AUTONOMOUS)**

**(Managed by Sardar Patel Education Trust, Anand)
(Affiliated to Sardar Patel University, Vallabh Vidyanagar)
NAAC Reaccredited CGPA – 3.30 – Grade A+**



Revised Syllabus as per NEP 2020 with effect from the Academic Year 2026-2027

**Bachelor of Computer Applications (BCA)
SEMESTER II**

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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Bachelor of Computer Applications (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	US2MABCA11	Problem Solving Through Advanced Programming	4	4	2	50/18	50/18	100/36
	Practical of Core Course-1	US2MABCA12	Practical Based On Problem Solving Through Advanced Programming	4	8	2	50/18	50/18	100/36
Minor	Minor Course-1	US2MIBCA13	Advanced Web Application with JQuery	2	2	1	25/09	25/09	50/18
	Practical of Minor Course-1	US2MIBCA14	Practical Based On Advanced Web Application with JQuery	2	4	1	25/09	25/09	50/18
Inter disciplinary	Inter disciplinary Course-1	US2MDBCA15	Mathematics	2	2	1	25/09	25/09	50/18
	Practical of Inter disciplinary Course-1	US2MDBCA16	Practical Based on Mathematics	2	4	1	25/09	25/09	50/18
Ability Enhancement Course		US2AEBCA17	Foundation of Communication Skills in English-II	2	2	1	25/09	25/09	50/18
Skill Enhancement Course/Internship		US2SEBCA18	Multimedia Technologies	2	2	1	25/09	25/09	50/18
IKS/Value Added Course (Any One)		US2VABCA19	Environmental Studies	2	2	1	25/09	25/09	50/18
		US2VABCA20	NCC-I	2	2	1	25/09	25/09	50/18
		US2VABCA21	NSS-I	2	2	1	25/09	25/09	50/18
		US2VABCA22	Yoga, Meditation & Fitness-I	2	2	1	25/09	25/09	50/18
Minimum Qualifying Credits				22					