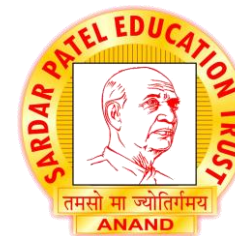




**C P PATEL AND F H SHAH COMMERCE COLLEGE, ANAND
(AUTONOMOUS)**

**(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 I**

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.

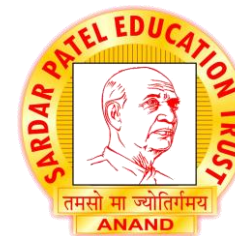
PROGRAM SPECIFIC OUTCOMES

- 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 I

Subject		Subject Code	Subject Title	Credits	WCH	Exam Duration	Marking Scheme		
							Int	Ext	Total
Discipline Specific Course Core (Major)	Core Course-1	US1MABCA11	Problem Solving Through C	4	4	2	50/18	50/18	100/36
	Practical of Core Course-1	US1MABCA12	Practical Based On Problem Solving Through C	4	8	2	50/18	50/18	100/36
Minor	Minor Course-1	US1MIBCA13	Fundamentals of Web Application	2	2	1	25/09	25/09	50/18
	Practical of Minor Course-1	US1MIBCA14	Practical Based On Fundamentals of Web Application	2	4	1	25/09	25/09	50/18
Inter disciplinary	Inter disciplinary Course-1	US1MDBCA15	Office Tools And Accounting	2	2	1	25/09	25/09	50/18
	Practical of Inter disciplinary Course-1	US1MDBCA16	Practical Based On Office Tools	2	4	1	25/09	25/09	50/18
Ability Enhancement Course		US1AEBCA17	Foundation of Communication Skills in English-I	2	2	1	25/09	25/09	50/18
IKS/ Value Added Course		US1IKBCA18	Indian Knowledge System	2	2	1	25/09	25/09	50/18
Skill Enhancement Course/Internship		US1SEBCA19	Introduction to Computer Organization	2	2	1	25/09	25/09	50/18
Minimum Qualifying Credits				22					