



(Shri Ramkrishna Seva Mandal's)
ANAND COMMERCE COLLEGE
An Autonomous College (2025-26 to 2034-35)
(Affiliated to Sardar Patel University)
NAAC ACCREDITED 'A' GRADE (3.04 CGPA)
ISO 9001:2015



PROGRAMME STRUCTURE (NEP-2020) BACHELOR OF COMPUTER APPLICATION: III	
Programme Outcomes (PO) -For BCA	Upon successful completion of the BCA Programme, Graduates will be able to: • Apply programming languages, algorithms, and data structures to develop efficient and scalable software applications. • Analyze real-world problems and implement suitable computing solutions using appropriate tools and technologies. • Design interactive web and mobile applications integrating database and user interface considerations to meet user needs and technical specifications. • Evaluate software solutions for performance, reliability, and usability using standard testing and debugging methodologies. • Understand the impact of computer applications in societal, legal, and environmental contexts and apply ethical principles in professional practices. • Remember and articulate fundamental computing concepts, IT terminologies, and basic mathematical logic that form the foundation of computer science education.
Programme Specific Outcomes (PSO) –For BCA	• To design, develop, test, and maintain software applications using modern programming languages, tools, and technologies to meet user needs and industry standards. • To apply knowledge of web development, mobile application frameworks, and database systems to build responsive and user-friendly applications. • To use structured and unstructured data handling techniques, apply basic statistical and analytical tools, and implement data-driven solutions for business and real-life problems. • To demonstrate the ability to configure, manage, and troubleshoot computer systems and networks, ensuring security, efficiency, and reliability. • To develop ethical values, communication skills, teamwork, and an entrepreneurial mindset to work in professional environments or start IT ventures.



ANAND COMMERCE COLLEGE (AUTONOMOUS) (GRANT IN AID) – ANAND

(Reaccredited with 'A' Grade (CGPA 3.04) by NAAC)

AFFILIATED TO SARDAR PATEL UNNIVERSITY

BCA PROGRAMME STRUCTURE BASED ON UGC GUIDELINES & NEP-2020

WITH EFFECT FROM (AY-2026-27)

SYBCA (SEM-III)

Sr. No.	Course Type	Course Code	Course Title	Credit	Hrs.	T/ P	Exam Duration	Components of Marks		
								Internal	External	Total
1	Major Courses	UCA03MABCA01	Data Structures and Problem-Solving Skills	4	4	T	2:30	50	50	100
		UCA03MABCA02	Database Management Systems	4	4	T	2:30	50	50	100
		UCA03MABCA03	Practical Based on Data Structures and Problem-Solving Skills & DBMS	4	8	P	2:30	50	50	100
2	Interdisciplinary Course/ Multi-Disciplinary	UCA03IDBCA04	Mathematics	4	4	T	2:30	50	50	100
3	Ability Enhancement Course (AEC)	UCA03AEBCA05	Digital Content Creation and Communication Skills	2	2	T	1:30	25	25	50
4	Skill Enhancement Courses (SEC)	UCA03SEBCA06A	Digital Marketing	2	2	T	1:30	25	25	50
		UCA03SEBCA06B	Event Management							
		UCA03SEBCA06C	Account for Everyone							
		UCA03SEBCA06D	Leadership and Team Building							
		UCA03SEBCA06E	Soft Skills for Business I							
		UCA03SEBCA06F	User Experience Design Skills							
5	Indian Knowledge System	UCA03IKBCA07A	Dharmshashtra	2	2	2	1:30	25	25	50
		UCA03IKBCA07B	Leadership Excellence through Shrimad Bhagavad Gita							
		UCA03IKBCA07C	Constitutional Values and Duties							
		UCA03IKBCA07D	Atharvaveda							
	Total Credit 22									

