



(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



Syllabus As Per NEP 2020 With Effect From the Academic Year 2025-2026

Bachelor of Computer Applications
BCA Semester – II

Course Code	UCA02MABCA02	Title of the Course	Practical Based on Problem Solving Techniques-II
Total Credits of the Course	4	Hours per Week	8

Course Objectives	<ol style="list-style-type: none">1. To provide a thorough understanding of user-defined functions, structures, and unions for efficient data organization and modular programming in C.2. To develop the ability to manage memory and data effectively using pointers, and to handle input/output operations through file handling techniques.3. To introduce students to basic graphics programming concepts for building visually interactive C applications.
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Course Content		
Sr.No	Description	Weightage* (%)
1	Part-1 Practical Based on Problem Solving Techniques-II (Unit-1 & Unit-2)	50%
2	Part-2 Practical Based on Problem Solving Techniques-II (Unit-3 & Unit-4)	50%

Teaching-Learning Methodology	Hands on training through required ICT tools.
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Course Outcomes: Having completed this course, the learner will be able to	
CO1	To study and apply the concepts of functions, structures, and unions in the C programming language.
CO2	To understand and implement the concepts of graphics, pointers, and file handling in C.

Chairman
BOS of Computer Science
Anand Commerce College

Academic Coordinator
Anand Commerce College

Principal
Anand Commerce College