



**Marwadi**  
University  
Marwadi Chandarana Group

**ONLINE**

# Online BCA

Upgrade without pause

Bachelor  
Computer  
Applications



**A+** NAAC  
Grade

**NBA**  
TIER-1 ACCREDITATION

**CoE** Centre of  
Excellence

**nirf** ALL INDIA TOP  
**100-150**  
University Ranking

 **UGC**  
Entitled  
ज्ञान-विज्ञान विमुक्तये

**QS** WORLD **Asia 2026**  
UNIVERSITY Rank  
RANKINGS **353**  
**No.1** AMONG ALL PRIVATE  
UNIVERSITIES IN GUJARAT



# BCA Bachelor of Computer Applications

The BCA is a three-year Undergraduate program that imparts extensive knowledge in Computer Fundamentals, Programming Languages, Database Systems, Information Security, web development, and so on to the students from fundamental to advanced understanding of Information Technology and Computer Applications.

This program is designed to equip students with both a fundamental and advanced understanding of information technology and computer applications, preparing them for successful careers in the rapidly evolving IT industry. Through a combination of theoretical knowledge and practical experience, students gain the skills necessary to develop and manage software applications, ensure data security, and create innovative web solutions.

There is a high demand for the BCA Program due to its significant flexibility, convenience, and accessibility, along with fewer entrance requirements. Pursuing a BCA online allows you to benefit from below advantages while preparing for a successful career in the dynamic and ever-evolving field of information technology. With the ability to study from anywhere, balance your studies with other commitments, and access a wide range of learning resources, an online BCA program equips you with the knowledge and skills needed to thrive in the IT industry.

# KEY FEATURES

The BBA program is carefully structured to align with specific learning outcomes aimed at developing essential skills and competencies among learners. These outcomes encompass a wide range of knowledge, understanding, and practical abilities relevant to the field of business management, reflecting both academic rigor and industry standards.

01

**Develop specialized knowledge and understanding:** The curriculum covers key concepts and practices in finance, marketing, human resources, operations, and strategic management, helping learners gain practical insights to effectively handle modern business challenges.

02

**Foster academic excellence and professional standards:** The BBA program promotes academic rigor and strong professional values, enhancing critical thinking, analytical skills, and informed decision-making to meet high academic and industry standards.

03

**Cultivate transferable skills:** Along with specialized knowledge, the program develops key skills such as communication, leadership, problem-solving, teamwork, and adaptability—essential for success in today's dynamic business environment.

04

**Embrace technology-enhanced learning:** The BBA program uses innovative digital tools, virtual classrooms, and interactive resources to create an engaging learning experience, helping learners connect with content, faculty, and peers for better understanding and retention.

05

**Embrace technology-enhanced learning:** The BBA program utilizes advanced digital tools, virtual classrooms, and interactive resources to enrich learning, enabling students to actively engage with content, faculty, and peers for deeper understanding and improved knowledge retention.

# FEE STRUCTURE

## Duration

3 Years (6 Semesters)

## Eligibility Criteria

A Candidate shall have passed the examinations of 12th Standard (10+2 Pattern) from a recognized education board.

## Fee

INR **15,000**/Semester

## Medium of Instruction

This B.Com programme shall have English language as the medium of Instructions and Examinations. Medium of Instruction INR



\*Non-refundable examination fee

# COURSE DELIVERY

## SEMESTER - 1

1. Mathematics - 1
2. Architectural Organisation of Computers
3. Programming Practices - 1 (Basic of C)
4. Basic of Web Development
5. Environmental Science
6. Entrepreneurship

## SEMESTER - 3

1. Database Management System-2
2. Data Structure using C
3. Enterprise Resource Planning (ERP) / Management Information System (MIS)
4. Summer Internship Project - 1 (SIP-1)
5. Life Skill 1 (Universal Human Values)
6. Programming in JAVA

## SEMESTER - 5

1. Software Engineering
2. Information Security
3. Web Application Development Using PHP
4. Mini Project 4 (Python)
5. Summer Internship Project 2
6. Data Mining
7. Elective Subject
  - A. Data Visualization
  - B. ASP.NET

## SEMESTER - 2

1. Mathematics - 2 (Computer Oriented Numerical Methods)
2. Analysis and Design of Systems
3. Programming Practices - 2 (Advanced C)
4. Introduction to DBMS
5. Communication Skills
6. Basics of Accounting

## SEMESTER - 4

1. Operating Systems
2. Computer Networks
3. R Programming / Programming in C#.Net
4. Life Skill 2 (Professional Skills)
5. Python Programming

## SEMESTER - 6

1. Software Testing
2. Mobile Computing
3. Mini Project- 5 (PHP)
4. Web Application Development Using Laravel
5. Elective Subject - 1
  - A. Machine Learning
  - B. Computer Graphics
6. Elective Subject - 2
  - A. Cloud Computing Fundamentals
  - B. Cyber Security Fundamentals

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360° Campus View



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