EMPOWERING MINDS, SHAPING FUTURES

BACHELOR OF COMPUTER APPLICATIONS (BCA)

About the university

Accredited by NAAC with the prestigious A+ Grade in the first cycle itself, CU is an institution committed to excellence in research, innovation, interdisciplinary education and active promotion of promising young talent. CU is the best Distance Education University in Punjab, India which couples the experience of top industry leaders and renowned academicians and fosters a worldly approach.

The university has been bestowed with many awards and recognitions, including Asia's Fastest Growing Private Institution, Outstanding Engineering Institute, and the Limca Book of Records for inviting the most number of companies in a single year for campus placements. The University has signed MoUs with over 250 foreign universities and institutions from countries like USA, Canada, UK, Australia, Italy, Russia, South Korea, Spain, Thailand, etc.

Accreditations

NAAC ACCREDITED **GRADE A+**

RANKED 27TH BY NIRF AMONGST TOP UNIVERSITIES IN INDIA

Why Choose CU?

Industry-Ready Curriculum

Enhanced Digital Learning Platform

Personalized Support and Guidance

Placement Assistance

500 Fortune Global
Plethora of Global Fortune MNC's awaiting you

120+ Startups
Entrepreneurship projects registered successfully

500 Fortune India
Earn best placement packages within Country's top industries

1200+ Patents
Claiming accolades with 1200+ successful patents

1.7 CR Placements
Highest International Package Offered

Online Learning (OL)
Degree Programs entitled by UGC

Bachelor of Computer Applications (BCA)

The BCA degree course is designed for students who want to begin their careers in software development, testing, or analytics. By connecting with industry experts and professionals, this program is organized and custom-tailored to bridge the gap between academic knowledge and practical implementation. The curriculum is designed to help students gain an in-depth understanding of programming languages, data structures and algorithms, database administration, business analytics, machine learning, and other related areas. The learning technique incorporates case studies and projects that give students real-world and practical application of concepts and practices.

Duration: 3 Years

Eligibility: 10+2 With 50% marks in aggregate or its equivalent in any stream conducted by a recognized board / university/ council.

Objectives

☑ Develop proficient programming skills.
☑ Enhance problem-solving abilities.
☑ Adapt to a global IT landscape.
☑ Strengthen communication and collaboration.
☑ Promote an entrepreneurial mindset.
☑ Embrace ethical and legal practices.

Course Structure

Semester 1	
Computer Programming	Communication skills
Digital Electronics	Universal Human Value Ethics and Life Skills - I
Mathematical foundation	

Semester 2	
Object Oriented Programming	Operating System
Web Designing	Introduction to Management & Leadership
Probability & Statistics	

Semester 3	
Data Structures	Computer System Architecture
Computer Networks	Program Elective - I
Software Engineering	

Semester 4

Database Management System	Compiler Design
Software Testing	Program Elective - II
Java Programming	

Semester 5

Data Visualization	Cyber Security
Cloud Computing	Program Elective - III
Internet of Things	

Semester 6

Artificial Intelligence	Machine Learning
Big Data	Major Project

Fee Structure

Admission Fee: INR 1000

Bachelor of Computer Applications	SEM 1	SEM 2	SEM 3	SEM 4	SEM 5	SEM 6
Course Fee	₹21,333/-	₹21,333/-	₹21,333/-	₹21,333/-	₹21,333/-	₹21,333/-
Annual Fee	₹42,666/-		₹42,666/-		₹42,666/-	
Total	₹1,28,000/-					