

2. Bachelor of Computer Applications (BCA)

Course Outcomes (COs)

CO1: Apply programming concepts, software engineering principles, database management, networking, and emerging technologies to develop computing solutions.

CO2: Design, develop, test, and maintain software applications using appropriate programming languages, development frameworks, and modern IT tools.

CO3: Analyse computational problems and implement efficient algorithms while adhering to software quality standards and professional ethics.

CO4: Demonstrate teamwork, communication skills, project management abilities, and lifelong learning required for careers in the IT industry.

CO5: Develop innovative, secure, and user-oriented software solutions that address societal and industrial needs through contemporary technological practices.

Career Opportunities

The BCA programme prepares graduates for careers in software development, information technology, cybersecurity, cloud computing, data analytics, and digital innovation.

Career opportunities include:

- Software Developer
- Full Stack Developer
- Web Developer
- Mobile Application Developer
- Database Administrator
- System Analyst
- Software Tester / QA Engineer
- UI/UX Developer
- Network Administrator
- Cloud Support Engineer
- Cybersecurity Analyst
- Data Analyst
- DevOps Associate
- Technical Support Engineer
- IT Consultant
- AI & Machine Learning Associate
- Entrepreneur (Technology Start-up)
- Higher Studies (MCA, MBA, M.Tech., MS, Ph.D.)