



योग: कर्मसु कौशलम्

**Darshan**  
UNIVERSITY

**BCA**  
BACHELOR OF COMPUTER APPLICATIONS



A  
**technical**  
**under-graduate**  
program  
designed to impart  
**holistic education** to broaden  
the **technical & ethical**  
dimension

## WHAT IS BCA?



Bachelor in Computer Applications (BCA) is a three years technical undergraduate degree course in computer applications. It imparts extensive knowledge in Computer Fundamentals, Programming Languages, Database Systems, Information Security, and Web Development. With the inclusion of programming languages, the course nurtures you to become a specialist in the IT Industry. For candidates who want to pursue their future in the field of Science and Information Technology, BCA can be a great choice after 12<sup>th</sup>.

## THE BCA ADVANTAGE

### New Age Course



The BCA curriculum is designed, keeping in mind the rapid progress in the technological world. The aspiring specialists in Computer Applications are offered the required fundamental base to become a potential winner of the race. If one wishes to stay ahead in the highly competitive market, then BCA is right choice for him/her.

### Enormous Career Opportunities



BCA provides the students with theoretical knowledge and practical experience that help them to go for various job roles. BCA degree helps students to get placed in top companies for technical as well as support roles. Students can also pursue higher education in the segment to achieve greater roles in the future.

### Stepping Stone for MCA



BCA graduates can easily opt for an MCA course for a better career and increase the chances of getting wider career opportunities. As BCA is the fundamental level of the MCA degree, students get advanced knowledge in this field and are trained even better to tackle the challenges of the professional world.

### Exciting Future



You have multiple options after excelling in the program, placement offers from the best Indian and multinational companies or the best universities for studying further in India or abroad. You may also opt for your own start-up.

### Best Choice for Girls



It is the best option for girls because of Digital Mom, Soft Branch / Office Work Only, Gender Free Job, Local to Global Job i.e. Rajkot to USA, Flexible Job Timings, Five days a Week, Work from Home, Handsome Pay & Tremendous Salary Growth, Lots of Teaching Job, No Maths Required, Good Opportunity to settle in Foreign Countries.

## JOB ROLES AFTER BCA



- Software Developer
- Web Designer
- BDE / BDA
- Web Developer
- Software Tester
- Network Engineer
- Mobile App Developer
- Quality Assurance
- Hardware Engineer
- UI/UX Designer
- Database Engineer
- Game Developer

# BCA @ DARSHAN UNIVERSITY

- Highly Qualified, Well Experienced, Industry Linked, Dedicated Faculties.
- A Strong theoretical foundation for crystal clear fundamentals.
- Focus on project-based learning with applications of technologies in real life.
- Exposure to cutting-edge technologies through seminars and workshops.
- Inter-disciplinary, management and soft skill courses for holistic learning.
- Earn While You Learn program transforms a student into the entrepreneur.
- 85% Placement track record by School of Computer Science since 2013.



## IT Infrastructure

10+

HP & IBM High  
End Servers

850+

HP & Lenovo  
Computers

iLab

Apple App  
Development Lab  
iMac, iPad, iPhone

aLab

Android App  
Development Lab  
Lenovo All-in-One

IoT Lab

Raspberry Pi,  
Arduino Sp &  
Sensor Kits

## SYLLABUS

### Semester-1

- Mathematics - I
- Communication Skills
- Office Automation Tools
- Programming using C
- Web Designing (HTML, CSS, Bootstrap)

### Semester-2

- Mathematics - II
- Computer Peripherals & Networking
- Basics of Accounting
- Object Oriented Programming using Java
- Database Management System-I

### Semester-3

- Web Programming - 1 (PHP, WordPress)
- Computer Network
- Database Management System-II
- Data Structure
- Indian Constitution

### Semester-4

- Mobile Application Development using Android
- Python Programming
- Software Engineering
- Project Management Tools
- Elective-I

### Semester-5

- Software Testing
- Elective-II
- Elective-III
- Elective-IV
- Open Elective - I

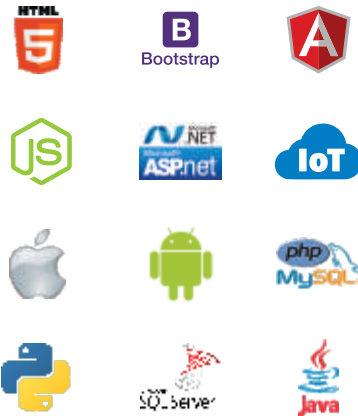
### Semester-6

- Project

### Electives

Content Writing, BDE, UI/UX Designing, Algorithm, Angular, Adv. Java, ASP.Net, CG, Blockchain, IoT, Cyber Security, MIS, COA

## APPS, SOFTWARE & WEBSITE DEVELOPMENT CENTER (ASWDC)



- ASWDC is established by School of Computer Science. Students are trained in selected programming languages using latest cutting edge technology. Students develop industry standard applications & experience professional environment under the guidance of experts.
- ASWDC also acts as an Entrepreneur Development Cell (EDC) where ideas of students are nurtured, cultivated and transformed into real world applications which are beneficial to the society.
- 105+ Android Apps, 50+ iPhone Apps, 40+ Websites are professionally developed by the students and published on Google Play Store, Apple App Store, etc. These apps are integrated with Google AdMob and Google AdSense for the monetisation purpose. Students earn handsome money through this initiative.

## TOP RECRUITERS



## SCAN QR CODES



BCA Program



School of Computer Science



Computer Labs



Google Play Store



Apple App Store



Campus Video



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**Darshan**  
UNIVERSITY

### University Campus

📍 Rajkot-Morbi Highway, Rajkot – 363650 📞 9727747310

### Counseling Centre

📍 401, Lotus Arcade, 8 - Royal Park, 150 Ft. Ring Road, **Rajkot**

📍 Galaxy Plaza, Nr. Umiya Circle, Opp. Bajaj Showroom, **Morbi**

📞 7096979952 / 62, 8866756776 🌐 [www.darshan.ac.in](http://www.darshan.ac.in)