Darshan
UNIVERSITY

योग: कर्मसु कौशलम्

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 of Computer Applications (BCA) is a three-year undergraduate technical professional program that aims to groom the software development skills of the student. It imparts extensive knowledge in Computer Fundamentals, Programming Languages, Database Systems, Information Security, and Web Development. BCA can be a better choice for candidates who wish to pursue their future in the Information Technology field.

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 enable them for various job roles. BCA degree help students to get placed in top companies. Students can also pursue higher education in the segment to achieve elevated positions in the future.

Stepping Stone for MCA
BCA graduates can easily opt for MCA to explore a better and a wide range of career opportunities. BCA is the fundamental level of the MCA degree. Students will get advanced knowledge and efficient training in this field to tackle the challenges of the professional world.

Exciting Future
You have multiple options after excelling in the program. There are enormous placement offers from the best Indian and Multinational companies. Various opportunities are available for higher studies from the best universities in India or abroad. You may also opt for your start-up.

Best Choice for Girls
It is the best and most convenient option for girls as, 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, opportunity in Teaching Job, Good Opportunity to settle in Foreign Countries.

Job Roles After BCA

- Software Developer
- Web Developer
- Mobile App Developer
- UI/UX Designer
- Web Designer
- Software Tester
- Quality Assurance
- Database Engineer
- BDE / BDA
- Network Engineer
- Hardware 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+	1700+	iLab	aLab	IoT Lab
HP & IBM High End Servers	HP & Lenovo Computers	Apple App Development Lab iMac, iPad, iPhone	Android App Development Lab Lenovo All-in-One	Raspberry Pi, Arduino Sp & Sensor Kits

Syllabus

Semester-1

- C Programming – I
- Web Designing – I
- Computer Peripherals
- Induction Program
- Indian Constitution
- Mathematics for Computer Science
- Foundational English

Semester-2

- C Programming - II
- Web Designing - II
- Database Management System - I
- Operating System
- Environmental Studies
- Office Automation Tools

Semester-3

- Computer Network
- Object Oriented Programming using Java
- PHP and Word Press
- Software Engineering
- Indian Knowledge System
- Open Elective - I

Semester-4

- Python Programming
- Life Management & Human Values
- Professional Communication
- Elective – I
- Elective – II
- Elective - III

Semester-5

- Introduction to Advanced Technologies
- Career Orientation
- Elective – IV
- Elective – V
- Elective - VI

Electives

Fundamentals of Digital Marketing, Database Management System – II, Data Structure, Flutter, Client Side Scripting using JavaScript, JavaScript Frameworks, Computer Algorithm, Management Information System, Content Writing for BDE, Cyber Security, Project Management Tools, UI/UX Designing, Data Analysis using Excel & PowerBI, Basic of Accounting.

Semester-6

- Capstone Project / Internship

Key Faculties

Dr. Gopi B. Sanghani
Dean, School of Computer Science
Ph.D. (Machine Learning), M.E. (C.E.)
25 Years Experience

Dr. Gopi Sanghani has completed B.E. in Computer Engineering from DDIT Nadiad, M.E.(CE) from BVM Vallabh Vidyanagar and Ph.D. from Nirma University in the field of Text Mining using Machine Learning Techniques. She has contributed to executing various academic and administrative strategies to achieve departmental goals and initiatives. She has guided various research projects at both Under Graduate and Post Graduate Levels. She has published several International Conference and Journal Papers in the domain of Machine Learning & AI.

She successfully coordinated several workshops and training programs for students and faculties.

Prof. Ashok Badresiya
HOD, BCA and B.Sc(IT)
Ph.D. (Pursuing), M.E. (CE)
12 Years Experience

Prof. Ashok Badresiya joined the Computer Engineering Department as an Assistant Professor in July 2015. He has completed his B.E (CE) from GEC, Rajkot in 2011 and M.E. (CE) from the Marwadi Education Foundation Group of Institutes, Rajkot in 2015. He is currently involved in teaching Data Structures and Object Oriented Programming at the Under Graduate level. His core area of working is iOS apps development. He has guided various research projects at Under Graduate Level. His area of Specializations are iPhone app development using swift, Review Spam detection (Sentiment Analysis).

Key Faculties

Mayur Padia
- M.E. (C.E.)
- 17 Years Experience
- mayur.padia@darshan.ac.in
- 9925515118
- Android, UI/UX Design, C

Vaseem Ghada
- Ph.D. (Pursuing), M.Tech. (ICT)
- 16 Years Experience
- vaseem.ghada@darshan.ac.in
- 9879531513
- Data Mining, Machine Learning

Hemang Chath
- Ph.D. (Pursuing), M.E. (C.E.)
- 15 Years Experience
- hemang.chath@darshan.ac.in
- 8200834776
- Database Management System, .Net

Dr. Sharon Mohtra
- Ph.D. (Computer Science)
- 16 Years Experience
- sharon.mohtra@darshan.ac.in
- 9727747317
- C, Java, Python

Devangi Kotak
- M.Tech. (C.S.)
- 17 Years Experience
- devangi.kotak@darshan.ac.in
- 9727747317
- C, Java

Umesh Thoriya
- M.Tech. (C.S.)
- 13 Years Experience
- umesh.thoriya@darshan.ac.in
- 9714233355
- Image Processing

Raj Gondaliya
- M.E. (C.E.)
- 9 Years Experience
- rajkumar.gondaliya@darshan.ac.in
- 8141999120
- Android, Java, Flutter

Bhushan Joshi
- M.E. (Embedded Systems)
- 8 Years Experience
- bhushan.joshi@darshan.ac.in
- 8485979997
- IoT, Embedded System Design

Chirag Sakhrani
- MCA
- 17 Years Experience
- chirag.sakhrani@darshan.ac.in
- 8401191184
- MERN, Java, JavaScript

Dharmikkumar Aghera
- MCA
- 2 Years Experience
- dharmikkumar.aghera@darshan.ac.in
- 9898205621
- Web Designing, PHP, WordPress, Python

Dolly Bharvada
- B.E. (E.C.)
- 6 Years Experience
- dolly.bharvada@darshan.ac.in
- 7984056731
- Digital Electronics

Kishan Jogi
- M.E. (Pursuing), B.E. Electrical
- 10 Years Experience
- kishan.jogi@darshan.ac.in
- 9033412096
- Electronics

Lab Facilities

aLab
Android App Development Center

iLab
iOS App Development Center

Lab Facilities

IoT Lab

.NET Lab

Placements

Harsh Mandaliya
21030401053
TCS TATA CONSULTANCY SERVICES

Keval Aajagiya
21030401001
TCS TATA CONSULTANCY SERVICES

Dharmik Nadiyapara
21030401030
TCS TATA CONSULTANCY SERVICES

Rushi Ughreja
22030601048
TCS TATA CONSULTANCY SERVICES

Gamdha Yash	Mehta Pavan	Khokhariya Aanchal	Gajera Yashkumar	Tada Pavan
23030401044	23030401096	23030401081	23030401043	23030401148
Placed in	*Placed in*	*Placed in*	*Placed in*	*Placed in*
NOOVOSOFT	Websmith Solution	VISIOBYTE	WHITE LABEL FOX	CYPHEROX
Pune	Rajkot	Rajkot	Rajkot	Rajkot

Pathak Tejas	Bhagiya Yug	Uchhadiya Siddharth	Vaishnani Harry	Sangani Priya
23030401112	23030401013	23030401150	23030401158	23030401131
Placed in	*Placed in*	*Placed in*	*Placed in*	*Placed in*
MNS TECHNOLOGIES	ELITEINFOTEC	Codegrin TECHNOLOGIES	VRS SOLUTIONS	SHAKTI Forge Industries Pvt. Ltd.
Rajkot	Rajkot	Rajkot	Rajkot	Rajkot

Paun Dhruv	Bhoraniya Jatin	Makwana Rachit	Lakhtaria Jaimin	Parejiya Rajkumar
23030401113	23030401020	23030601033	23030601031	23030601039
Placed in	*Placed in*	*Placed in*	*Placed in*	*Placed in*
TRETANZ.inc	Almighty Infotech	gnwebsoft	gnwebsoft	Darshan UNIVERSITY
Rajkot	Rajkot	Rajkot	Rajkot	Rajkot

Placements

Baidiyavadara Raj 23030601002 Placed in MDIDM INFOWAY Jamnagar	**Gohil Vishva** 23030601016 Placed in CODEXHUB TECH Ahmedabad	**Gami Divya** 23030601014 Placed in DhairyaTech Morbi	**Janiyani Krupa** 23030601018 Placed in Z INDEX Rajkot	**Virpariya Ishan** 22030601051 BSc IT Placed in intelliMEDIA networks Ahmedabad
Boricha Akshay 22030401028 Placed in MIRACLE Rajkot	**Dobariya Dhruv** 22030401054 Placed in MIRACLE Rajkot	**Chiniya Dipa** 22030601014 Placed in softHealer Rajkot	**Kathiriya Pranav** 22030601027 Placed in softHealer Rajkot	**Manavadariya Lay** 22030401104 Placed in DSOFT Rajkot
Koyani Maitri 22030601030 Placed in V Rajkot	**Toliya Kishan** 22030401161 Placed in Rajkot	**Chavda Parth** 22030601013 Placed in APPINDIA Rajkot	**Vala Dharmesh** 22030601049 Placed in APPINDIA Rajkot	**Maurya Sonali** 22030401109 Placed in WEBZERO TECH WORLD Rajkot
Rathod Priyanshi 22030401135 Placed in ROEX Rajkot	**Varu Raj** 22030401172 Placed in ELVIS Rajkot	**Mungalpara Harshil** 22030601033 Placed in DFS GUJARAT Gandhinagar	**Pansuriya Yagnik** 22030601038 Placed in ROCK4 TECHNOLOGIES Rajkot	**Saradva Darsh** 22030601044 Placed in Ratnakala Surat

Technical Activities

Hands on Internet of Things using Arduino

GDG Event

Programming Challenge
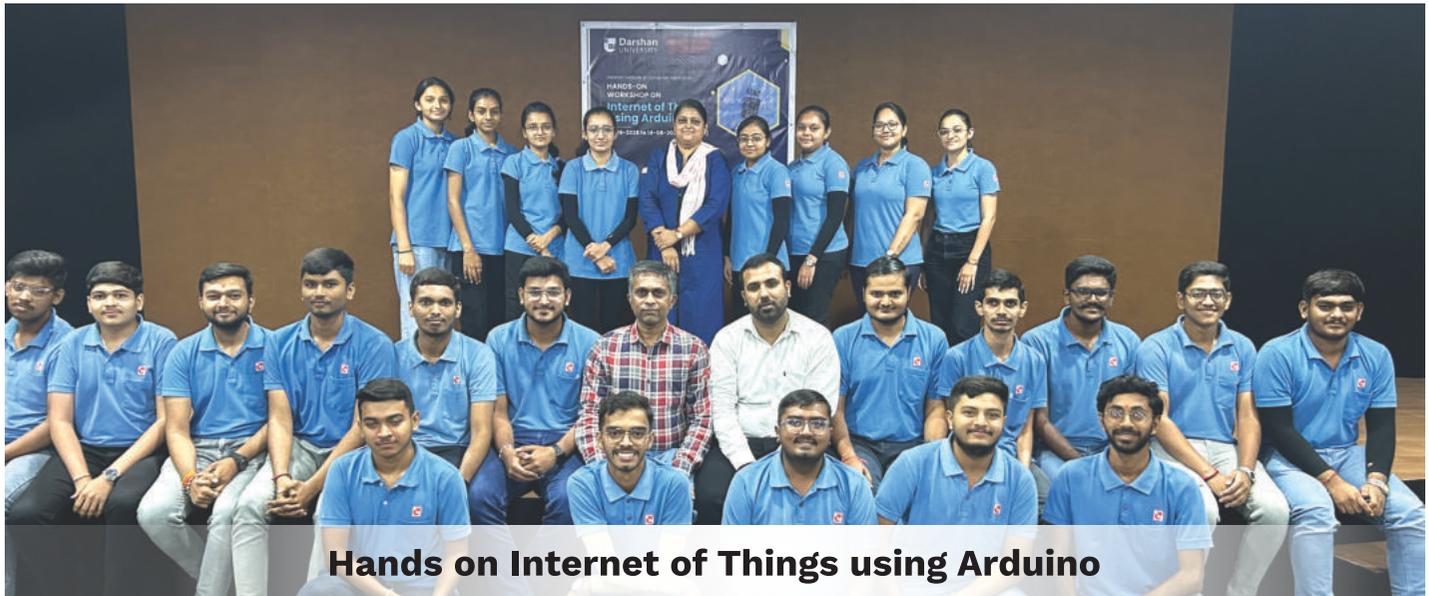
Facilities

Transportation | Safe & Timely Transportation with 400+ pickup points

Morbi

Jamnagar

Tankara | Wankaner

Dhrol

Paddhari

Rajkot

Shapar

Sardhar

Jasdan

Gondal | Atkot

70+
Well Maintained & Clean Buses

400+
Pickup Points

GPS
Based Tracking System

Hostel | In Campus **Seperate Boys & Girls** Accommodations with **AC & Non-AC** Rooms

1100+
Accommodation Capacity

Free WiFi

Refreshing Foods Courts & Mess

Laundry Facility

Fully Equipped Gym

Sports Facilities

Security Guard

24X7 Surveillance

Apps, Software & Website Development Center

A S W D C
Application Software Website Development Center

- 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.

Top Recruiters

TATA CONSULTANCY SERVICES | ISHAN TECHNOLOGIES | CYPHEROX technologies | WebOccult | weybee Growing Smarter, Leading Greater | Cerner

BACANCY TECHNOLOGY | cybercom creation | webmob technologies | DSOFT 'soft Infotech Pvt. Lt | Improwised TECHNOLOGIES PVT. LTD. | Hyperlink InfoSystem

Elixir techne Innumerable Possibilities | gnwebsoft | MICRA.DIGITAL | eSparkBiz | yudiz Solutions Private Limited | MATRIX TELECOM | SECURITY

TatvaSoft sculpting thoughts... | NOOVOSOFT | SoftRefine TECHNOLOGY | Websmith Solutions | injala | infostretch

MIRACLE Accounting Software | PLUSINFOSYS Serving Simplicity | SynoVerge Ideas Energized | THE ONE TECHNOLOGIES ORIGIN OF NEW ERA | 42GEARS | tark

TExtensor.ch | Silent Infotech | SIMFORM | SoftHealer | AIMDek Technologies | digit

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