

*22 Years in pursuit of  
Academic Excellence*

# ADARSH

College of professional Studies

# BCA

Bachelor in Computer Applications

# Your Career Path Begins Here.





## ABOUT

ADARSH was Started in year of 2003.To provide best facilities and professional environment, ADARSH College is started in 2011 under the aegis of Adarsh Shikshan Sewa Trust,ABUROAD founded in 2010 for the purpose of exploring and improving the status of Professional Education as well as the welfare of needy people.



## About BCA -

BCA or Bachelor of Computer Applications is a 3 year undergraduate program in India that deals with the basics of software development and computer applications. From computer programming to networking, everything is included in the BCA syllabus.BCA is considered to be a specialized course, usually pursued by students who want to become an expert in different aspects of computer applications and make a successful career in the IT industry.

## Syllabus -

### BCA 1st year

P. code	Paper name
Bca-101	Introduction to it and pc packages
Bca-102	Business communication
Bca-103	Problem solving through c programming
Bca-104	Basic physics
Bca-105	Basic mathematics
Bca-106	Computer organization
Bca-107	Pc software packages lab
Bca-108	C programming lab
1209	Environment studies
1704	English

### BCA 2nd year

P. Code	Paper name
Bca-201	Computer communication and networks
Bca-202	Database management system
Bca-203	Fundamentals of operating system
Bca-204	Data structure
Bca-205	System analysis and design
Bca-206	Object oriented programming using c++
Bca-207	Database management system lab
Bca-208	Data structures lab
1705	Hindi

### BCA 3rd year

P.Code	Paper name
Bca-301	java programming
Bca-302	information systems
Bca-303	cloud computing
Bca-304	wireless and mobile computing
Bca-305	web technology
Bca-306	java programming lab
Bca-307	web and mobile technology lab
Bca-308	project





# JOB Oriented Module Program with BCA

## MODULE 1

### BCA 1st Year

- Hardware Workshops
- Networking Workshops
- Computer Advanced Fundamentals
- Learning Different Operating Systems
- Free RSCIT Certification for Girls

## MODULE 2

### BCA 2nd Year

- Basic Web Development
- Advanced Web Development
- Server Database Management
- Online Services
- Virtual Marketing
- Photoshop designing
- Certification Seminars
- FreeLancer Jobs
- Basic Android Programming

## MODULE 3

### BCA 3rd Year

- Tremendous Visits and Tours  
Apple Labs Programming  
Robotics Labs  
Game Development Labs  
Non-IT Chemical Industries
- 2 Live Industrial Projects
- 3 months IT Industry Internship

## Career & Job Opportunities after BCA



### System Engineer

A system engineer develops, tests and evaluates software



### Programmer

A programmer works in computer languages and writes code



### Web Developer

A web developer specializes in web designing and web development



### System Administrator

A system administrator specializes in configuration, and reliable operation of computer systems



### Software Developer

Software developers develop the underlying systems that run devices or that control networks



### Information Systems Manager

IS Manager plans, installs, and maintains hardware and software upgrades



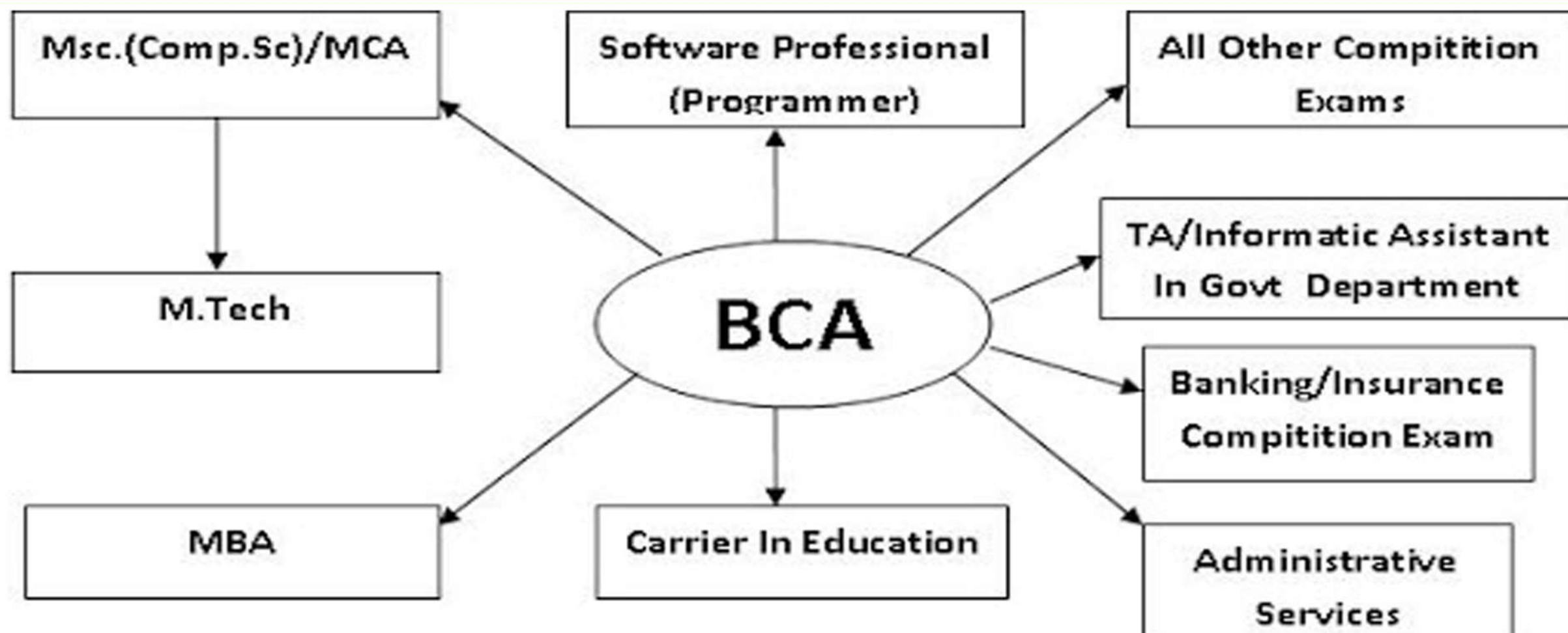
### Database Administrator

Database administrators (DBAs) use specialized softwares to store and organize data



### Security Analysts

They help prevent attacks through their expertise of databases, networks, hardware, firewalls and encryption





## Academic

### Teaching Methodology :

The college aims to provide quality education to the students through class room teaching, career counselling, personality development and Inquiry based Learning programmes and make them able to compete in the job market. Before the beginning of the programme the students are given the opportunity to familiarize themselves with the subject by giving a brief idea about various topics of the syllabus.



### Faculties :

Faculty members go beyond their call of duty to educate. They inspire, mentor, motivate and challenge their students to achieve their wildest dreams. And they still find time to mold their expertise and passions into published works of art.

### Corporate TIE-UPS :



### Seminar/Workshop/Guest Lectures :

We have tie-up with the Pacific University Udaipur, Marwadi University Rajkot, Karnawati University Ahmadabad, SBS Ahmadabad etc for the guest seminar and workshop.

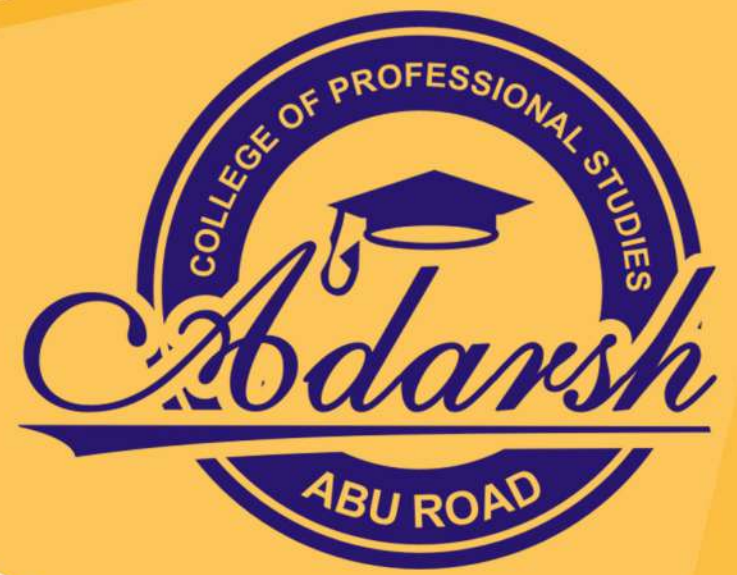
- Cyber security awareness
- Hadoop big data
- Machine learning
- Deep learning
- Natural network in IT
- Hardware workshop
- Digital library
- Advanced web development seminar
- Networking seminar
- Software development life cycle
- Seminar on database management system
- Seminar on cloud computing
- Domain name system
- Encryption firewall
- Virtual marketing
- Digital marketing
- Internet as marketing tool
- E-Commerce network
- Who is best manager
- Under water wireless



# LEARNING BEYOND THE CLASSROOMS







**ADARSH**  
college of Professional Studies

# SCHEDULE YOUR TOUR NOW

**Call now - 7976688957, 9828166945**

**official website - [acps.ac.in](http://acps.ac.in)**



Affiliated From MLSU, Udaipur