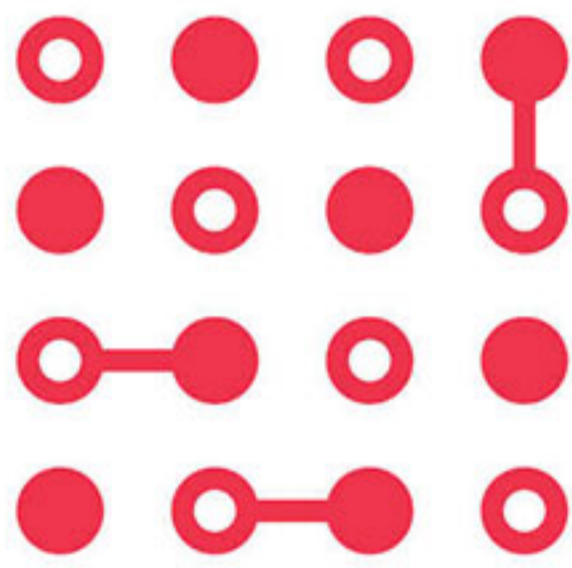




**BCA**

# Bachelors in Computer Applications



**Acharya Bangalore  
B-School**



'A' Graded Institution  
**NAAC**  
NATIONAL ASSESSMENT AND  
ACCREDITATION COUNCIL

## — Overview

**Bachelor in Computer Application, BCA** program provides an opportunity for aspirants who are heading towards a career in the Information and Technology field. The course enables students to identify and sharpen their IT skills and cater to the needs of the IT industry. Our BCA program strikes a balance between theoretical skill instruction and intricate, hands-on system design. The program encompasses a broad range of topics including object-oriented programming, software engineering, computer architecture, data structures and database management. Our highly qualified faculty members, eminent guest lecturers, professors, and successful entrepreneurs are well-versed in the field of Computer Applications. The BCA course imparts learning and skills about various computer applications and issues that arise with it. The BCA course includes subjects like core programming languages, data structure, and hardware networking.

## — HOD's Message



**Prof. Praveen Kumar V**  
*HOD, Department of  
Computer Sciences*

I welcome you to our department and look forward to a good educational association. I hope you will excel in your studies and make the institution proud. Bachelors in Computer Application (BCA) is a Three to Four-year undergraduate degree course for students who wish to delve into the world of Computer languages. The BCA course is one of the most popular options to get started with a career in Information Technology. We look forward to having you on board to experience the latest curriculum in IT.

## — Subjects Taught in the Program

- Computer Architecture
- Artificial Intelligence
- Data analytics
- Python Programming
- Design and Analysis of Algorithm
- Machine Learning
- Internet of Things
- Mobile Application Development
- Cloud Computing
- Internet Technologies Lab
- Design and Analysis of Algorithm
- Software Engineering

### Objectives of BCA course at ABBS

- To enable students to be familiar with Software development, conducting tests, and evaluate software circuits.
- To ease the use of programming languages in students and help them write code for software.
- Students are introduced to computer languages including C, C++, C#, Java, Python, etc.
- To develop websites one needs to have exposure to HTML/XHTML, CSS, PHP and JavaScript.

## — Career Prospects

**01** Software engineer

**05** Jobs in government & private sectors

**02** Software associate

**06** Junior developer

**03** System admin

**07** Job opportunities from leading IT giants like Infosys, Wipro, Oracle, etc

**04** Associate programmer

## — Program Dates

The Admission process for various programs commences during January of every year and extends till the last date of admission as per the university regulations or availability of seats, whichever is earlier.

*Note: Aspirants are instructed to personally confirm the admission dates and timelines from the admissions office.*

## — Admission Eligibility

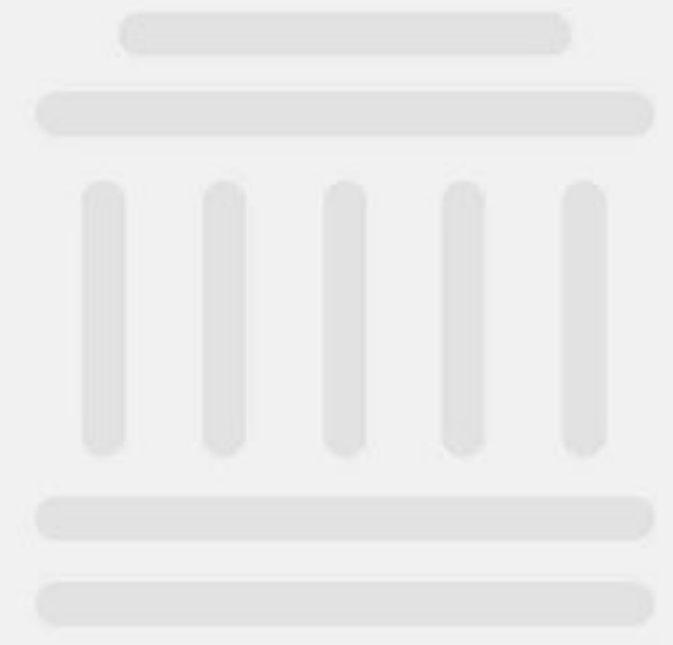
10+2 or PUC equivalent degree from a recognized education board and a minimum aggregate of 40% in 10th and 12th.

## — Course Duration

3 to 4 Years (6 to 8 semesters)

## — Who Should Apply?

- Students who have a background in arts, science or commerce in their 12th Std/PUC.
- Students who want to enhance their knowledge on programming languages.
- Students with a keen interest in software programming, development, and testing.
- Students who exhibit leadership skills and problem analyzing & solving ability



**Aspire. Accelerate. Achieve.**



**Acharya Bangalore B-School**



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