

Parvathaneni Brahmaya
Siddhartha College of Arts and Science, Vijayawada
(Autonomous)

Programme:

BCA Honours (Bachelor's in Computer Applications)

BCA Honours is a 4-year undergraduate degree programme that focuses on knowledge of the basics of computer application and software development. A BCA degree is considered to be at par with a BTech/BE degree in Computer Science or Information Technology. The degree helps interested students in setting up a sound academic base for an advanced career in Computer Applications. The course of BCA includes database management systems, operating systems, software engineering, web technology and languages such as C, C++, HTML, Java etc. It is a highly popular course amongst students aspiring to establish a career in established IT companies like HP, Accenture, Capgemini and Cognizant and new-age technology startups like Flipkart. Professionals skilled in Computer Science are in huge demand since a lot of manpower-based jobs are getting digitised. This is a software-related course where a professional well-versed in programming languages always stands out. The average salary package post-BCA varies between INR 4 LPA to 10 LPA depending on the company and the specific role/designation. A BCA graduate has scope in jobs such as Software Engineer, Web Designer and System Analyst.

Bachelor of Computer Application is a popular course amongst students who have completed Class 12th and have studied Computer Science or Information Technology as a main subject or elective in Senior Secondary Education. Candidates are introduced to the nuances of Computer Science, Hardware and Software and various important programming languages through this course.

Who can pursue BCA Honours?

Anyone who wishes to establish a career in the field of software technology or app development can pursue this course. Many top companies recruit

computer graduates for the development of apps and as backend and front-end developers. BCA graduates can find a promising career in cities which are popular for software parks such as Bangalore, Hyderabad, Pune, Gurgaon etc. Admissions to BCA are done on the basis of the marks scored in the qualifying examination of Class 12th/Intermediate.

What is the scope of BCA Honours?

After completing BCA, one can pursue higher studies by specialising in various sub-domains of BCA and pursue MCA. One can work as an app developer or software developer, system Administrator or work as lecturer or computer teacher. With rapid development in the field of Information Technology, this course offers promising career opportunities. Professionals must possess sound knowledge of IT and Computers and must be well-versed in the practical applications of software technology.

Popular BCA Honours Specialisations

Some popular BCA Honours specialisations in which one can specialise either through MCA or Advanced Diploma courses are as follows:

- Internet Technologies
- Network Systems
- Programming Languages (C++, JAVA, etc.)
- Systems Analysis
- Music and Video Processing
- Management Information System (MIS)
- Accounting Application

BCA Honours Career, Scope and Job Profiles

This is one of the most common questions asked by candidates. You could give an instant thrust to your career by pursuing an MCA (Masters of Computer Applications) after BCA. However, there are other options too that you could consider doing after completing your BCA degree:

- Prepare for CAT and go for an MBA in IT Management.
- Complete your Master's degree by studying MSC (IT)/MCA.
- Go for a networking diploma and prepare for CCNP or CCNA or SSC NASSCOM certification.
- Prepare for Microsoft Certified Solutions Associate (MCSA) Certification or Redhat certifications and work as a System Administrator or Desktop Technician or Help desk Assistant.
- You could also improve your teaching skills and work as a computer teacher/instructor in schools, universities and colleges.

- If you are good at web programming then improve your coding skills and make your career in Web Development. You can also work as an independent web designer.
- A lot of BCA graduates also go for government jobs. You could consider one too.

Top Job Profiles for BCA Honours Course

In the ever-growing IT industry, the demand for BCA graduates is increasing rapidly. With a BCA degree, candidates can find lucrative job opportunities in the private as well public sectors. Some of the job profiles that one can bag after completing a BCA Honours programme is that of a:

- Entry level position as Security Analyst
- System Engineer
- Software Tester
- Junior Programmer
- Web Developer
- System Administrator
- Software Developer

BCA Honours Average Salary Offered

Check below the list of BCA jobs and the average salary offered to the respective job profiles.

Security Analyst (Need to Qualify SSC NASSCOM Certification exam)	INR 2,685 Per Hour (As per May 2023 Statistics)
System Engineer	INR 5 LPA
Web Developer	INR 7
System Administrator	INR 6 LPA
Software Developer	INR 10 LPA
Software Tester	INR 5 LPA

Top Recruiters for BCA Honours Course

Government organizations like the Indian Air Force (IAF), Indian Army, and India Navy hire a large number of computer professionals for their IT department. As far as the salary is concerned, a fresher working for a

leading MNC might get a salary ranging from INR 25,000 to INR 40,000 per month. However, it was reported that IT giants like Facebook, Microsoft etc pay a six-figure salary to fresh graduates they hire. Some of the leading IT companies recruiting BCA graduates and offering excellent salary packages include:

- Oracle
- IBM
- Infosys
- TCS
- Accenture
- Capgemini
- Wipro
- NIIT
- HCL

BCA Honours Admission Process

Admissions to BCA Honours are done on the basis of merit. The government of Andhra Pradesh notifies the admission process and asks registration for convener quota of 70 seats. The remaining 30 seats will be in management quota. For management quota consult the college office or use chat bot for enquiry.

BCA Honours Eligibility

Students who wish to pursue BCA Honours courses should fulfil the following eligibility criteria in order to get through colleges offering BCA Honours course,

- They should clear their class 12th board exams from a recognized board

Proposed minors

Electronics/IOT/Data Analytics/Data Science