

## BCA

The department of Computer Application was established in 2014. The department offers a bachelor's degree in Computer Application which comprises of 29 core papers and 5 complementary papers. The central objective of this program is to provide a foundation of computing principles and business practices for effective use and management of information systems and enterprise software. The Department plays an active role in the co-curricular activities of the college. The prominent activities conducted within the department are intercollegiate fests, department fests, tours, webinars, and seminars every year.

The graduation programme in Computer Application aids students to scrutinize the requirements and specification for system development and it also exposes students to business software and information systems. This course provides students with options to specialize in legacy application software, system software or mobile applications. The total number of students who graduated in 2017, 2018, 2019 and 2020 are 23, 21, 32, and 23 respectively. More than 20% of students get placed every year

The department of Computer Application aims to prepare the student professionally fit for the rapidly growing industry of Information and Technology. The department consists of students from different economic, geographic and cultural background. The multi-cultural nature of the students helps them to develop interpersonal relationships as well as improve their communication skills for a better work environment in the future. To familiarize students with the course and to develop rapport with their classmates and peers, orientation classes and induction programs are held.

## PROGRAM HIGHLIGHTS

- + Bachelor in Computer Application (BCA) is one of the popular courses among the students who want to make their career in the IT (Information Technology) field.
- + The duration of the course is 3 years and divided into 6 semesters.
- + Students can expect detail significant learning experiences and benefits in the field of Computer Application.
- + Provides a lot of opportunities to the students who are interested in computer field and wants to work in the IT sector as programmer or software developer
- + Helps to get a good and stable life ahead and progress their professional career in the best of the environments.
- + Get to learn from the best teachers and educators.
- + With a BCA degree, candidates can find lucrative job opportunities in private as well public sector.

## CAREER POSSIBILITIES

**Bachelors in Computer Application** is one of the demanding courses under the IT sector. It is a career oriented course that paves the way for progressing a professional vocation in IT sectors and Software Industry. After completion of the course, the **students can get diverse opportunities in reputed IT companies like IBM, Oracle, Infosys, and Google.** The **student can work** as a system engineer, junior programmer, web developer or as a system administrator.

- ✚ Some of the job profiles that one can bag after completing a BCA programme is that of a:
  - ✓ System Engineer
  - ✓ Software Tester
  - ✓ Junior Programmer
  - ✓ Web Developer
  - ✓ System Administrator
  - ✓ Software Developer
  - ✓ Teacher & Lecturer
  - ✓ Computer Programmer
  - ✓ Software Developer
  - ✓ Marketing Manager
  - ✓ Business Consultant
  - ✓ Computer Systems Analyst
  - ✓ Finance Manager
  - ✓ Computer Support Specialist
  - ✓ Service Support Specialist

### What you'll study

Bachelor in Computer Application (**BCA**) is an undergraduate degree **course** in computer applications. The duration of the **course** is 3 years and the course is divided into 6 semesters.

The study period of BCA includes various subjects such as

- ✓ Programming in C Language (Basic and Advanced),
- ✓ Networking,
- ✓ World-Wide-Web,
- ✓ Data Structure,
- ✓ Advanced C Language Programming,
- ✓ Database Management,
- ✓ Mathematics,
- ✓ Software Engineering,

- ✓ Object Oriented Programming using C++,
- ✓ Visual Basic,
- ✓ Programming using PHP,
- ✓ JAVA,
- ✓ ANDROID

## Eligibility

The eligibility criteria for applying for Bachelors in Computer Application are:

- Candidates must have completed class 12th or senior secondary examination with at least 50% marks including English.
- The 12<sup>th</sup> or senior secondary examination must be passed with mathematics as a compulsory subject.

## BCA Alumnis

Lakshmimol Madhu (2017-20)



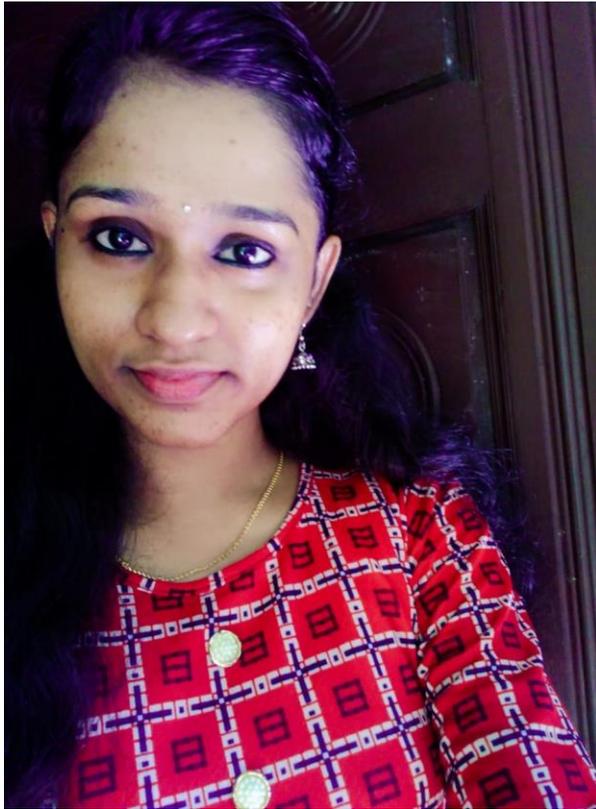
I am highly indebted to my college and my department, for making my graduation journey memorable. I am grateful for the support and guidance from our faculties. My teachers have influenced me to become a better human being both personally and professionally.

Vyshak V(2017-20)



I am thankful for each and every moments that I spent in my college with the people whom I love and respect. When I look back, I feel very happy about my discussion of choosing Nirmala college for my graduation. The faculties of our college always helped and supported us For the betterment of our future.

Sreelakshmi Shibu(2016-19)



Hi All,

My college life has always given me good memories.

The friendships and the emotional bonds, college and the love of teachers, all have contributed immensely in influencing me throughout my college life. First of all, I would like to thank the teachers. I believe that, I was able to achieve something in life because of their love, care and blessings. We had the full support of all the teachers and other members. It's been two years since I graduated from college. All these years I remember my college and everyone there. No matter how long it takes, college life will never be forgotten.

I hope that every teachers will be able to impart knowledge to each student and take them to the heights of life. On this occasion I would like to thank my friends, teachers and other members.

Thank you...!

Harikrishnan K M(2015-18)



When I joined Nirmal College, I knew I would leave the institution with a valid degree but never thought I would leave a piece of my heart there too. My department; yes, MY BCA department was special and different from all other departments.

I left college 2 years ago, but I still maintain an excellent rapport with all my teachers. Their friendly nature has truly nurtured my talent and helped me Flourish as an artist. I won the second prize for Eastern Percussion at MGU festival. Following this, my teachers allowed me to participate for 'melam' at different venues while going the extra mile to help me fulfil my academic course requirements. Appreciative attitude, indeed.

Recognising my organising capabilities and allowing me to organize the BCA fest 2018 is another cherished memory. I will always remember standing on the dais with all the other dignitaries, lighting the lamp as a student rep and giving the vote of thanks; with happy tears. If Nirmala College is a cake, then BCA department is the cherry on top of that cake.

Syam Satheesan(2014-17)



College is one of the memorable part of a student's life. As I was from a small town, I was an introvert person before entering the college. Nirmala college was a whole new experience for me.

It would never end if I pen down about my college life and friends. I had so many memories with my friends and teachers.

Thank you Nirmala once again for being my best memory. I will always cherish the moments the college gifted me.

