

BSc Computer Science, abbreviated as BSc CS, is a 3-year undergraduate program that deals with the subjects and topics related to computer science, computer application, and its services. The main aim of this program is to create quality professionals and research fellows who can work in every sector of the world by implementing the technology of computer systems and software.

- The basic eligibility of the course is 12th or equivalent exam in the science stream
- The BSc Computer Science Syllabus contains subjects related to programming, computer networking, and architecture. The common subjects are Introduction to Data structures, system programming, introduction to web technology, and many more.
- Candidates after completing the course can opt for higher education. Some of the courses that a candidate can pursue are [MSc Computer Science](#), MTech Computer Science, [MBA Information Technology](#), etc.
- The course provides students a great deal to enter the real world where ambitious computer science professionals can showcase their skills as Software Developer, System Integrator, System Analyst among other job profiles.
- A BSc Computer Science graduate can earn a salary up to INR 6 lacs.

Syllabus: Problem solving using C, Object Oriented Programming using Java, Database Management System, Software Engineering, Web Applications Development, Internet of Things and many more.

Job Roles: Software Engineer, Software Developer, Systems Architect, Web developer, Mobile App developer, Website Designing, Network Engineer, Data Analyst, etc.

Companies: HCL, Google, Microsoft, Deloitte, Facebook, Sapient Publicis, Central Government Organizations, IBM, Cognizant, Wipro, Infosys and TCS etc.

BSc Computer Science Benefits

- The Indian IT sector is expected to grow strongly in the coming years, and is estimated to contribute 10% to the nation's GDP. Thus, it increases the scope of job opportunities in the IT sector.
- The graduates of B.Sc. Computer Science can land jobs in a wide range of companies such as computer hardware system companies, computer networking companies, software development companies, academic institutions and many more.
- Similarly, the graduates can make the world a safer place by taking the job of security engineers who protects people from hackers and other malicious software.
- The candidates would also be open to research because the field of study is continuously morphing.

Who Should Study BSc Computer Science?

- Candidates who wants to become software engineer can opt this course.
- Candidates who have an interest in computers, both hardware and software should pursue this course.
- Candidates who want to develop mobile applications or software that eases the life of people can pursue this course.

- Candidates who want to become entrepreneurs after completing their graduation can opt for this course. It allows them to start their own consultancy firms.
- Aspirants who are interested in improving their knowledge about computers to get a promotion or improve their career prospects can opt for distance or online courses.

When To Do BSc in Computer Science

- The most ideal time to pursue this course would be immediately after the completion of the 12th or equivalent examination.
- Candidates can start with this course after completion of the relevant diploma course immediately and gain admission to the second year of the course via lateral entry scheme.
- **BSc Computer Science vs BTech Computer Science**

Check the table below to know the major differences between BSc CS vs BTech CS:

Parameters	BSc Computer Science	BTech Computer Science
Degree	Undergraduate (Bachelor of Science)	Undergraduate (Bachelor of Technology)
Duration	3 years	4 years
Admission Process	Merit-Based through OAMDC process	Entrance Exams like JEE, TANCET, SET, etc.
Course Overview	BSc Computer Science deals with the theoretical knowledge and skills in the field of computer science and its applications in the real world for various uses.	BTech Computer Science is an undergraduate engineering course, which specifically focuses on various technologies and tools and its applications in the computer science and IT industry.
Average Fees	INR 20,000-60,000	INR 1,00,000-3,00,000
Average Salary	INR 6 LPA	INR 6 LPA