

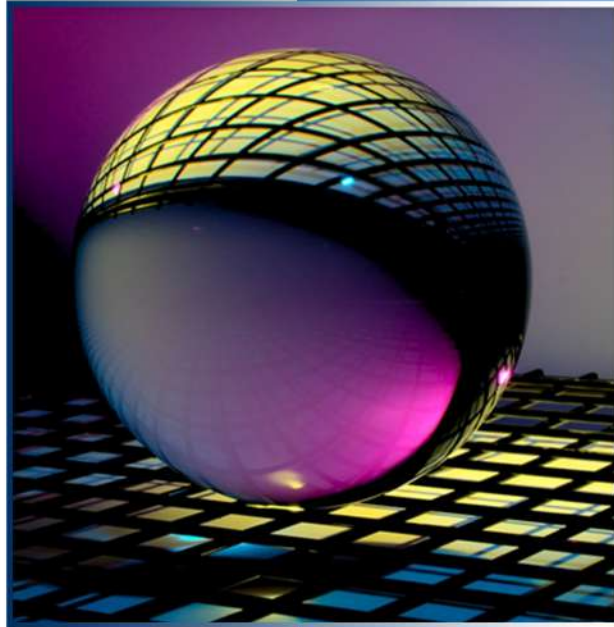
School of Computer, Information and Mathematical Sciences



Department of Computer Science and Engineering

B.Tech. CSE

ADMISSIONS OPEN
2023 - 2024



Contact :

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B.S. Abdur Rahman Crescent Institute of Science & Technology, is an institution acclaimed throughout India for its quality in teaching and research for the past thirty-seven years. It aims at providing value - based education by imparting practical training, knowledge and skills, on the journey towards technical excellence.

The Department of Computer Science and Engineering was established in the year 1990. Over the past few years, the department has acquired national and international importance. The following Major and Minor degree Programmes are currently offered by the department.

HIGHLIGHTS OF THE DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

- Established in 1990 (31+ Years of Excellence)
- Accredited by NBA
- Association with IBM
- Choice Based Credit System (CBCS)
- Innovative and Outcome based teaching-learning process
- Highly qualified & Experienced faculty
- Publications in high impact journals
- Academic collaboration with industries
- ICT Enabled Class rooms
- Wi-Fi Campus
- TCS self-service for students
- State of the art laboratories
- Well-equipped digital library
- Good placement record in reputed industries
- Opportunities for internship/training in reputed IT industries

HIGHLIGHTS OF B.TECH. COMPUTER SCIENCE AND ENGINEERING

- The objective of this programme is to provide fundamental and conceptual knowledge in the field of Computer Science and Engineering.
- The programme also ensures that the computer science engineer can design and develop various software applications for different platforms including Web and Mobile applications.

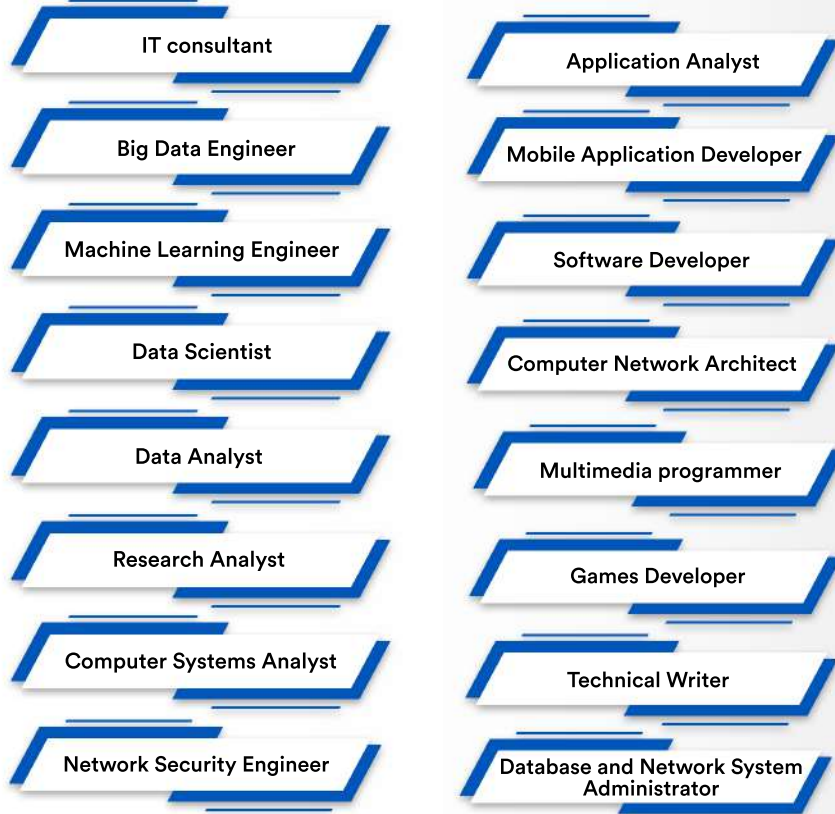
- The Computer Science and Engineering covers the study of various courses involving fundamental knowledge on computers both software and hardware.
- It also provides wide knowledge on operating systems and its functions, so that the computer engineers can control the hardware effectively through their software.
- The graduates are able to write coding for operating systems such as Windows and Linux.
- The programme also provides deeper learning on the various topics of Database Management Systems, Computer Networks and Security.
- The graduates are able to integrate their software skills with other domains in Electronics, Electrical and Mechanical industries.

SALIENT FEATURES OF CURRICULUM

- The programme would provide a comprehensive curriculum and is significantly valued in the industry and so the curriculum is designed carefully to meet the industry requirements.
- The programme aims to train the students to be equipped with in-depth knowledge in the future computer technologies.
- The curriculum is well planned such a way that it includes all the fundamental computer science theory and lab courses.
- Along with the fundamental Computer Science courses, it also offers a various professional electives and general electives.
- The professional elective courses encompasses various cutting edge technologies in align with industry needs where students can choose their electives based on their interest.
- The general electives are offered to inculcate interdisciplinary knowledge in graduates to meet the future industry.
- The curriculum also includes soft skill development and personality development courses to build the level of self confidence in the graduates.
- It also emphasis to practice on Project based learning, Outcome based learning, Problem based learning, Activity based learning.
- The lab integrated theory courses in the curriculum enriches the practical knowledge in graduates.
- It gives provision for the student to undergo internship in industries.

CAREER OPPORTUNITIES

- This is a most demanding course which can meet the industry requirement in various fields.
- The graduates have enormous opportunities in IT sectors and also in interdisciplinary government and non-government. Sectors
- The Computer Science and Engineering graduates are given highest package salary and some of the Career opportunities include



VALUE ADDED PROGRAMMES / CERTIFICATE PROGRAMMES

- Certificate Programme in iOS Application Development
- Certificate Programme in Android Application Development
- Spoken Tutorial Course
- NPTEL Course

ALUMNI TESTIMONY



Mr. Vinod Balan, (Batch : 2008 – 2012)

Freelance Writer & NGO Co-founder,
Play2Discover Sports NGO, Chennai

The Institution moulded me into the person that I am today. I am especially grateful to my department, Computer Science and its faculty members. Along with subjects and grades they were equally concerned about students' welfare and have been instrumental in shaping our future. This was evident considering the fact that various events were held in which students were given an opportunity to showcase their skills which were not just limited to technical activities.



Mr. Thanish Mohamed , (Batch : 2008 – 2012)

Product Manager, Sulekha

The department has always been supported for all the students. Faculties are always available to clear the doubts. The college infrastructure was very good, and the labs are maintained very well. College gives you very strong foundation when you are move on to corporate. The placement support is great and have a lot of opportunities to drive campus. In college they Conducted lot of guest lectures and workshops.



Mr. Isac raj , (Batch : 2010 - 2014)

Senior application developer,
inautix technologies india pvt ltd

I like the fact the classes are very effective and that the professors are very friendly.They are always willing to help students. crescent university offers a wide choice of social activities.The environment here is very sociable. I am sure that without the precious experience at crescent I would not have such features of character as determination, self-confidence and commitment.



Mr. Shatiq, (Batch : 2012 - 2016)

Cognizant Technology Solutions,
program analyst

I am working as program analyst in Cognizant Technology Solutions and profoundly would like to share that "genesis" is an impotent word and I must say crescent university is one place where it all started for me. Graduation was just a certificate but journey that made us capable of going that one extra mile can't be summarized.

ELIGIBILITY

- As per AICTE Norms.

INDUSTRY INSTITUTE INTERACTION

MoU's signed

| S.No | MoU Detail | Description |
|------|---|---|
| 1. | IBM India Pvt.Ltd | IBM Career Education Program. Offers training and skills in the latest technology and software. Opportunity to learn from practitioners from the IBM industry, along with courseware from IBM. Co-market with IBM to promote programme. |
| 2. | ZOHO Corporation | Zoho creator certification programme was conducted for nearly 140 students. To train the students in creating functions and logic for business applications |
| 3. | D'Labs Pathfinder Enterprise Solutions Pvt. Ltd | A training initiative of Pathfinder Enterprise Solutions Pvt. Ltd., to offer their course on Applied Data Science to our students. |

MINOR DEGREE PROGRAMMES FOR B.TECH. CSE

Students can enroll for Minor Degree Programmes in

