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4 Stars



Diamond



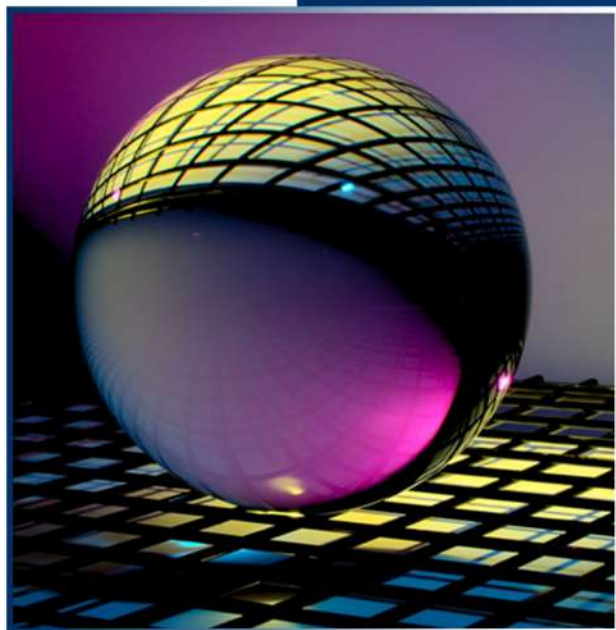
School of Computer, Information and Mathematical Sciences



Department of Computer Science and Engineering

B.Tech. CSE

ADMISSIONS OPEN 2021 - 2022



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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
- 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

IT consultant

Big Data Engineer

Machine Learning Engineer

Data Scientist

Data Analyst

Research Analyst

Computer Systems Analyst

Application Analyst

Mobile Application Developer

Software Developer

Computer Network Architect

Multimedia programmer

Games Developer

Technical Writer

Database and Network System Administrator

Network Security Engineer