



Contact

Department of Computer Science & Engineering

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**School of Computer, Information
and Mathematical Sciences**

**Department of Computer Science
and Engineering**

Minor Degree - Data Science
ADMISSIONS OPEN 2024 - 2025



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.

Major Degree Programmes

- B.Tech. Computer Science and Engineering.
- B.Tech. Computer Science and Engineering (IoT).
- B.Tech. Computer Science and Engineering (Cyber Security).
- B.Tech. Artificial Intelligence and Data Science.
- M.Tech. Computer Science and Engineering.
- M.Tech. Data Science
- M.Tech. Artificial Intelligence and Data Science
- Ph.D (Full time & Part time).

Minor Degree Programmes

- Artificial Intelligence and Machine Learning
- Data Science
- Augmented Reality and Virtual Reality
- Block Chain

Highlights of the Department of Computer Science and Engineering

- Established in 1990 (31+ Years of Excellence)
- Accredited by NBA
- Association with IBM
- 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

About the Programme

Data Science is the recent trending technology in computer science field. Data science covers mathematics, business insights, tools, algorithms and machine learning techniques. Learning these techniques is of highly beneficial in finding out the hidden insights or patterns from raw data, which in turn, can be of major use in the formation of big business decisions. This course opens up a wide variety of job opportunities for professionals. This programme is intended to cater to the needs of the industry and equip the students to meet the current industry requirements.

Eligibility

All the B.Tech students of the following departments are eligible to register for the Programme

- Mechanical Engineering
- Aeronautical Engineering
- Polymer Engineering
- Automobile Engineering
- Civil Engineering
- Bio-Technology
- Electrical and Electronics Engineering
- Electronics and Instrumentation Engineering

Highlights of the Programme

- Acquire knowledge in data mining concepts and algorithms.
- Learn R programming for performing analytics and visualization.
- Analyze Data Science applications using Python.
- Study the machine learning techniques and apply in real time case studies.

Salient Features of Curriculum

- Enables the learners to solve complex real time streaming data and social media data and facilitate important decision-making processes.
- Meets the demand for professionals skilled in data analytics, data engineering and machine learning is enormous.
- Equips the learners to merge and analyze large volumes of business centric data from heterogeneous sources to ensure consistency of data-sets.

Career Opportunities

- Data Scientist
- Data Analyst
- Data Engineer
- Business Intelligence Professional
- Statistician
- Machine Learning Engineer

