40 YEARS OF ACADEMIC EXCELLENCE

B.S. Abdur Rahman ™
Crescent
Institute of Science & Technology
Deemed to be University u/s 3 of the UGC Act, 1956

School of Computer, Information and Mathematical Sciences

Department of Computer Science and Engineering

Minor Degree - Artificial Intelligence & Machine Learning

Admissions Open 2024-2025

Contact

Department of Computer Science & Engineering

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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.

* MAJOR DEGREE PROGRAMMES

01 — **B.Tech.** Computer Science and Engineering.

02 — **B.Tech.** Computer Science and Engineering (IoT).

03 — **B.Tech.** Computer Science and Engineering (Cyber Security).

04 — **B.Tech.** Artificial Intelligence and Data Science.

05 — **M.Tech.** Computer Science and Engineering.

06 — **M.Tech.** Data Science

07 — **M.Tech.** Artificial Intelligence and Data Science

08 — **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
- 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

About the Programme

Artificial intelligence (AI) and machine learning (ML) are now spilling from IT labs to a widely recognized business practice, powering personalization and real-time communication, e.g. in recruitment processes or customer support. Apart from becoming irreplaceable in data mining and analysis, the technology is also leveraged in operational and administrational automation to reduce operational costs, increase efficiency, revenue and improve customer experience.

One of the prevalent buzzwords currently, Artificial Intelligence (AI) ranks one of the most searched topics on the internet. Machine learning has changed the entire landscape over the past few years. Every day, more applications rely on machine learning techniques in fields as diverse as healthcare, finance, human resources, retail, earthquake detection and self-driving cars.

The value of machine learning is that it allows you to continually learn from data and predict the future. This powerful set of algorithms and models are being used across industries to improve processes and gain insights into patterns and anomalies within data. B.S. Abdur Rahman Crescent Institute of Science and Technology is equipped with the required infrastructure, uses an experimental learning pedagogy with hands-on sessions under the expert guidance of faculties with decades of diverse and yet relevant industry experiences.

Eligibility

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

- Mechanical Engineering
- Electrical & Electronics Engineering
- Aeronautical Engineering
- Electronics & Instrumentation Engineering
- Polymer Engineering
- Automobile Engineering
- Civil Engineering
- Biotechnology

Objectives of the programme

- This programme guides the students through the latest breakthroughs in research, cutting-edge technologies, and best practices used for building effective AI systems.
- The programme provides a well-rounded foundation of knowledge acquisition in advanced cognitive technology.

Highlights of the Programme

- Learn from top AI and ML industry experts
- Participative & Experiential learning model
- Accelerated AI & ML Lab
- Access to industry relevant projects
- Work and Learn using tools used by the Industry

- Learn in a Corporate Environment
- Personalized Mentorship and Guidance
- Mock Interviews
- Access to Comprehensive Placement Assistance Program

Career Opportunities

Machine Learning Engineer	Software architect
Data Scientist	Data analyst
Business Intelligence Developer	Data warehouse engineer
Research Scientist	Product Analyst
Big Data Engineer/Architect	Front-end developer
Full stack developer	Business Analyst