



**School of Computer, Information and Mathematical Sciences**  
**Department of Computer Science and Engineering**

**Minor Degree -**  
**Artificial Intelligence &**  
**Machine Learning**  
**Admissions Open 2022-2023**

## 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



### \*MINOR DEGREE PROGRAMMES



### 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 administrative 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
- Aeronautical Engineering
- Polymer Engineering
- Automobile Engineering
- Civil Engineering
- Biotechnology
- Electrical & Electronics Engineering
- Electronics & Instrumentation Engineering

### 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