



M.Tech.
**COMPUTER SCIENCE
and ENGINEERING**

M.Tech.
CYBER SECURITY

Department of
**Computer Science
and Engineering**

**ADMISSIONS
2023**

► **About us**

Accredited by the National Board of Accreditation (NBA), the Department of Computer Science and Engineering offers 6 Undergraduate Programs, 2 Postgraduate Programs, and a Ph.D Program that engages the students, research scholars, and faculty members in active research and product development. The Programs and Courses offered continually evolve to adapt to the dynamic global requirements and the diversity of the computing field.

The teaching and learning process is made vibrant by leveraging the computing facilities in the department, thereby ensuring that the students are well equipped and trained to launch their professional careers in emerging domains such as Data Science, Artificial Intelligence, Cyber Security, Blockchain Technologies, IoT, Cloud Computing and Virtual Reality to name a few.

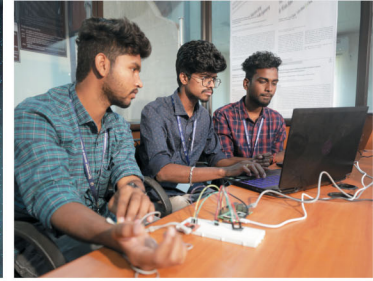
► **Vision**

To raise world-class Computer Science and Engineering professionals excelling in academics, research, and providing solutions to human problems.

► **Mission**

- To develop professionals with strong fundamental concepts, programming, and problem-solving skills with exposure to emerging technologies.
- To promote research in the state of art technologies, providing solutions to human problems, especially in the areas of Health, Water, Energy, and Food.

To develop leadership qualities with ethical values to serve society.



PG Programs Offered

- **M.Tech.** Computer Science and Engineering
- **M.Tech.** Cyber Security

UG Programs Offered

- **B.Tech.** Computer Science and Engineering
- **B.Tech.** Computer Science and Engineering (Artificial Intelligence)
- **B.Tech.** Computer Science and Engineering (Artificial Intelligence & Machine Learning)
- **B.Tech.** Computer Engineering
- **B.Tech.** Computer Engineering (Specialization in Cyber Security)
- **B.Tech.** Artificial Intelligence and Data Science

Research Program

- **Ph.D.** Computer Science and Engineering

M.Tech. Computer Science and Engineering

A proactively designed advanced level programme, offers in-depth study and analytics of cutting edge technologies and important subjects dealing with latest hardware and software with due emphasis on laboratory work and research projects required in academia, research and industry realm.

M.Tech. Cyber Security

The specially designed M.Tech programme in cyber security exclusively offers the students a thorough knowledge and hands-on skills in the areas of secure system architecture, secure coding, analysing the cyber-attacks, ethical hacking, evaluating the strength of using penetration testing and cyber forensics. The curriculum possesses rich content to provide adequate knowledge in the areas of digital and cyber forensics, penetration testing, secure coding, steganography, watermarking techniques and malware analysis.

Softcore Specialisation

The students are offered a wide spectrum of specialisation including

- Data Science
- Advanced Computing
- Information security
- Internet of things
- Ethical Hacking
- Virtualization

Eligibility of the Program

B.E / B.Tech / AMIE in CSE / IT / ECE / EIE / EEE / ICE / MCA

Features of the Program

- Stipend for the GATE qualifiers.
- Excellent research ambience.
- Industry empowered faculty members.
- State-of-the-art computing facility.
- Internationally recognised certification courses such as CCNA, OCA, OCP, OCPJP, SCLA and RHCE.
- Exemplary placement records.
- Internship in foreign industries through IAESTE and Indian industries with stipend.
- Seed money for student research.

Industry Collaborations

- IBM India Private Limited
- Oracle India Private, Ltd
- Cisco Systems
- EMURGO
- Vmware
- SUSE
- Novell, Inc.

Research

The research thrust areas of the department focusing on water, health, food and energy are

- Artificial Intelligence
- Advanced Computing
- Data Analytics
- Internet of Things
- Image Processing and Computer Vision
- Cyber Security

Top Recruiters

Contact: Department of Computer Science and Engineering
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