# B.Tech - Computer Science & Engineering

## Cyber Security

# Admissions Open

## Department of Computer Science & Engineering

- Established in 1990 (30 Years of Excellence)
- All the programmes are accredited by NBA
- Academic collaboration with industries
- Association with IBM & Other industry partners
- Choice Based Credit System (CBCS)
- Innovative & Outcome-based teaching-learning process
- Highly qualified faculty
- Experienced faculty with High Impact factor research publications
- Academic collaboration with industries
- ICT Enabled Classrooms
- Wi-Fi Enabled Campus
- TCS self-service for students 360° view
- Industry-standard laboratories
- Well-equipped digital library
- Good placement record in reputed industries
- Opportunities to undergo internship/training in reputed IT industries
- Pre-placement training
- Collaboration with professors of reputed foreign universities like Deakin University, Carnegie Mellon University etc.
- Placement opportunities in reputed IT companies

# Highlights of B.Tech. Computer Science & Engineering (Cyber Security)

- This programme will cover the fundamentals of computer science courses & it is based on huge volumes of cybersecurity mechanism.
- This programme provides coverage of cybersecurity issues.
- CSE provides knowledge for graduates to obtain meaningful insights into cybersecurity.
- The students will be trained to analyse, design and experiment solutions to solve cybersecurity-related problems.
- This curriculum has been designed to produce accomplished computer engineers.
- This programme will equip the students to build novel security applications.
- Cyber Security is widely used in solving all real-world data-driven problems.
- Cyber Security curriculum will help the students for a strong foundation to get higher level placement.

## Salient Features of Curriculum

- The programme is designed to provide skill-based education
- Focusing on the ethical impact
- Project-based learning, Outcome-based learning, Problem-based learning, Activity-based learning are practised
- Lab integrated theory courses
- Industry oriented elective courses
- Provision for the student to undergo internship in industries

# Career Opportunities

- This is high demand for professional with the knowledge of cyber security.
- Some of the top positions cyber security job titles are

  ✦ Security Analyst  ✦ Security Engineer

  ✦ Security Architect  ✦ Security Administrator

  ✦ Security Software Developer  ✦ Security Consultant

  ✦ Cryptographer  ✦ Cryptanalyst

## Placement opportunities in reputed IT industries



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