



Department of B.Sc Computer Science and Cyber Security



This is a three-year Bachelor's degree program recognized by Osmania University. It focuses on programming and protecting computers, servers, networks, and data from cyber attacks. The course is designed to prepare students to become skilled cyber security professionals. It includes both theory and practical learning, along with industry best practices. Students will gain strong technical knowledge and hands-on experience in cyber security. They will learn about modern cyber threats and vulnerabilities and how to identify and solve these problems effectively.

CYBER SECURITY

Vision & Mission

Vision: To develop competent and innovative cyber technocrats, by imparting human values and ethics for serving the cyber security needs to the society with highest regard to the motherland. **Mission:** To enhance the technical skills of the students with practical approaches and Industry-Institute interactions

Programs offered

B.Sc Computer Science and Cyber Security(3 years)

Curriculum Highlights

- Mathematical Foundation for Cyber Security
- Programming Languages
- Ethical Hacking & Network Security
- Pen Testing & Cloud Computing

Unique Features of Our Program

- **COMPREHENSIVE LEARNING**
Students gain experience in core computer science subjects while also delving into the intricacies of cyber security technologies
- **PRACTICAL LEARNING**
Through workshops and hands-on projects, students receive practical exposure to cyber security applications, enabling them to apply theoretical concepts in real world scenarios.

Career Opportunities

After successful completion, students will be placed as

- Software Engineer Cyber
- security Engineer
- Network Security Engineer
- Cyber Security Analyst
- Ethical Hackers
- IT Analyst

Higher Education Prospects

Students are also eligible to pursue higher education in:

- M.Sc. (Cyber Security)
- M.Sc. (Computer Science)
- M.Sc. (Data Science)
- M.Sc. (Information Security)
- M.Sc. (Information Technology)
- M.Sc. (Big Data Analytics)
- MBA or any other allied program

Admission Guidelines

Candidates must have completed 10+2 or passed with minimum of 60% or above with MPC / MEC at intermediate level.



Why Loyola Academy?

NAAC Accredited and recognized for academic excellence. Strong industry connections ensuring top-notch placements. Innovation-driven approach with a focus on emerging technologies.