



## B.SC. COMPUTER SCIENCE & CYBER SECURITY

### 3 Year Bachelor's Degree

#### ABOUT OUR PROGRAM:

A Three-year Bachelors' Degree Programme recognized by Osmania University that deals with programming and the practice of safeguarding servers, computers, networks, and data from malicious electronic attacks. This program of Computer Science - Cyber Security is intended to mould students into well prepared cyber security professionals and has been designed with a good balance between theoretical & practical aspects, academic research and industry best practices. The curriculum is specially prepared by experts covering all the needs and aspects of a cyber security engineer. Students will learn and acquire the necessary theoretical background and insights into hands-on technical aspects of cyber security. They will cultivate an proficiency into the growing threats and vulnerabilities of the cyber era. They will proficiently probe into the growing threats and vulnerabilities of the cyber era and provide some solutions



#### UNIQUENESS OF THE PROGRAM:

- Work on-the-job training, and internships.
- Practical exposure conducting workshop
- Industry Visits.
- Guest Lectures/Seminars with industry experts.
- An Exclusive recruitment drives.
- Enhancing analytical skills/teamwork abilities/personality development.
- Being readily employable
- Acquire hands-on experience of working on various cyber security real-world problems.

**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 Opportunities:

Students are also eligible to pursue higher education in:

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



#### Infrastructure Facilities

Excellent laboratories that provide the best practical knowledge to the students with good infrastructure.

#### Placements/Higher Education/Soft Skills

- CRT training is provided for students to secure placements in campus interviews.
- Academic Consultants for higher Education.
- Soft skills classes are conducted to improve communication skills.

#### Library and Information Center

- Delnet Inlibnet
- Online Journals Books

#### Activities of the Department:

- Industrial visits are organized every year to improve students' learning skills.
- Parent-teacher meetings are conducted every semester to improve communication between teachers and parents.
- Science Day to explore student talents through a project exhibition.
- E-lab to school and Guest Lectures
- Workshops, seminars, internship programs, and minor projects