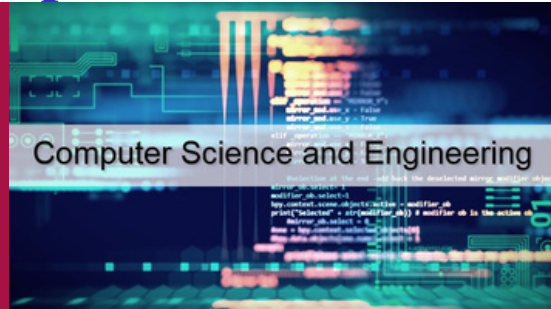


B.Sc. Computer Science and Engineering

WHAT IS UNIQUE ABOUT LOYOLA'S B.Sc Computer Science & Engineering

- This program would ensure that the students graduating from this will gain knowledge in not only the core topics of Computer Science, but also develop an equal appreciation of current industry standards.
- **Interdisciplinary Nature:** CSE integrates concepts from mathematics, engineering, physics, and other disciplines. It's not just about programming; it involves understanding algorithms, data structures, hardware architecture, networking, and more.
- **Innovation and Creativity:** CSE constantly evolves with new technologies and innovations. Engineers and scientists in this field are often at the forefront of technological advancement, creating solutions to complex problems and pushing the boundaries of what's possible.
- **Continuous Learning:** Given the rapid pace of technological change, lifelong learning is essential in CSE. Professionals in this field must stay updated on the latest trends, tools, and methodologies to remain competitive and effective in their roles.
- **High Demand:** There's a persistent demand for skilled computer scientists and engineers in the job market. As technology continues to advance, the need for professionals who can develop and maintain software, design innovative solutions, and address complex challenges remains

Empower Innovation & shape your Future



About the Programme

- A BSc Computer Science and Engineering is a 3-year UG course that focuses on the study of computer systems, software development, algorithms, and related technologies.
- BSc Computer Science and Engineering typically covers a wide range of topics including programming languages, data structures, computer architecture, operating systems, databases, network protocols, artificial intelligence, and software engineering.
- The BSc Computer Science and Engineering course curriculum is designed to provide students with a solid foundation in Computer Science principles and practices.
- The B Sc. Computer Science and Engineering department has completed 35 years of Inception.
- Osmania university approved the degree course in B.Sc. Computer Science and Engineering for Loyola Academy in the academic year 1988-89.
- It is an undergraduate course with unique features.
- The department aims at the bright future of every student by making him/her self-sufficient to face the competitive world.



Infrastructure Facilities

- Spacious Campus
- Excellent laboratories that provide the best practical knowledge to the students
- Good infrastructure
- College Hostel
- Medical facilities
- Bank
- Innovation Centre
- Cafeteria
- Stationery

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
- Infflibnet
- 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 mobile lab programs
- Workshops, seminars, internship programs, and Minor/Major projects



LOYOLA
ACADEMY

Career Opportunities:

After successful completion, students will be placed as

- Programmer
- Software Developer
- Software Tester
- Cloud Engineer/Administrator
- Data Analyst
- Web Developer
- System/ Database Analyst
- Computer and Information research Scientist



Higher Education Opportunities:

Students are also eligible to pursue higher education in:

- M.Sc. (Data Science)
- MCA
- M.Sc. (Big Data Analytics)
- M.Sc. (Computer Science)
- M.Sc. (Business Analytics)
- Any other allied program



Admission Guidelines :

candidate must have completed 10+2/Intermediate passed with minimum of 60% with MPC



B.Sc. Computer Science & Engineering

