

# B.SC. COMPUTER SCIENCE AND COGNITIVE SYSTEMS

## An industry integrated Degree Program in collaboration with Tata Consultancy Services (TCS)



### We bring the real-world to the classroom, through TCS Academic Interface Program (AIP):

- Designing & Deployment of industry relevant course curriculum.
- Building a talent pool of industry-ready graduates.
- A full-fledged course curriculum in the field of IT infrastructure and IT applications- Maintenance and Services.
- Student's Engagement programs.

### How does AIP benefits students?

- Value-added graduation degree with an in-depth understanding of real time IT infrastructure domains blended with practical lab experiences in the area of :
- **Computer Network & Operating System**
- **Virtualization & Cloud Computing**
- **Infrastructure Management, Process Management & Client Relationship Management**
- **Artificial Intelligence & Machine Learning**
- **Programming (C, C++, JAVA, PYTHON, DBMS) & Software Testing.**

- Expert sessions on industry integrated papers.
- Industry Visits.
- Career Aspiration Program-an awareness program.
- Conference/Seminars with industry experts.
- An Exclusive recruitment drive.
- Enhancing analytical skills/team work abilities/personality development.
- Being readily employable

### WHAT IS UNIQUE ABOUT LOYOLA'S B.SC. COMPUTER SCIENCE & COGNITIVE SYSTEMS

- 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.
- Students will learn to comprehend and integrate their research practice in computational linguistics ("language"), machine learning ("learning"), and artificial intelligence ("reasoning").
- Special features of this program include, industry ready syllabus drafted in collaboration with TCS. This facilitates more placement opportunities after completion of the course.
- Noting that the field of computer technology is fast changing due to innovation and automation, the new technologies like Artificial Intelligence, Machine Learning, Block Chain Technology incorporated in this program play a pivotal role in the career of students.



LOYOLA  
ACADEMY

### Employment Opportunities:

This 3 years degree program will help create a pool of Industry ready students and can be placed in top MNC's in the field of IT and Infrastructure Services.

### Higher Education Opportunities:

Students are also eligible to pursue higher education in :

MCA, MBA, M.Sc.(Computer Science), M.Sc.(IT), M.Sc.(Networking) or any other allied program.



### ADMISSION GUIDELINES :

**MPC at the Intermediate level with an aggregate of above 60% or more. A basic knowledge in computer skills will be an added advantage.**