LOYOLA ACADEMY

MASTER OF COMPUTER APPLICATIONS
(AICTE Approved Programme)

33 YEARS ESTD 1993 LOYOLA ACADEMY

VISION:

- To develop professionals having right knowledge, skills and attitude to serve the ever changing industry and the society.

MISSION :

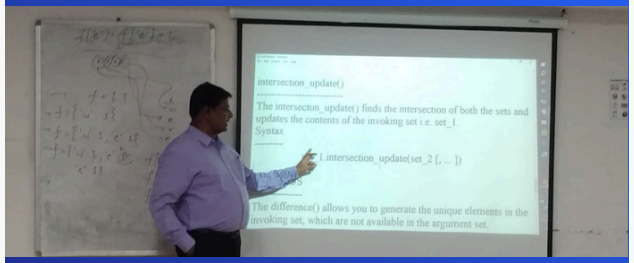
- To build quality into learning through individual attention, well-delineated course material, focused examination patterns, the varied extracurricular activities, to deliver a holistic education where quality reigns supreme.
- To provide necessary skills to groom the students into competent Computer Applications professional, readily acceptable to IT and other industry domains

WHAT IS UNIQUE ABOUT LOYOLA'S MCA?

Loyola's MCA program offers a unique blend of theoretical knowledge and practical experience, ensuring that students are well-equipped with both core computer science principles and the latest industry standards.

- Comprehensive Curriculum
- Industry Integration
- Practical Learning
- Exclusive Recruitment Opportunities
- Soft Skills Development
- Employability





About the Programme:

The MCA is a two-year postgraduate program focused on computer applications, designed to equip students with the skills to develop and implement software solutions. It is a preferred choice for those pursuing a career in IT, addressing the industry's demand for skilled professionals in India.



Infrastructure Facilities

- Spacious Campus
- Excellent laboratories that provide the best practical knowledge to the students
- Good infrastructure
- 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
- Inflibnet
- Online Journals
- Books

Activities of the Department:

- Parent-teacher meetings are conducted every year 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 projects
- Industrial visits are organized every year to improve students' learning skills.

Career Opportunities:

After successful completion, students will be placed as

- Software Developer
- Database Engineer
- Cloud Architect
- Web Designer/Developer
- Network Engineer
- Ethical Hacker
- Project Manager
- Software Engineer
- Database Administrator
- Cloud Engineer
- UX Designer
- Data Scientist
- Business Analyst



ADMISSION GUIDELINES

Admissions to our MCA course happens through ICET counselling (70% quota) & common route (30% Management Quota)

MCA - MASTER OF COMPUTER APPLICATIONS

SEM 1

SUBJECTS

- Data Structures Using C
- Data Base Management Systems
- Managerial Economics and Accountancy
- Probability and Statistics
- Mathematical Foundations of Computer Science
- Computer Networks
- Python LAB
- Data Structures Using C LAB
- Data Base Management Systems LAB
- Soft Skills LAB

SEM 2

SUBJECTS

- Machine Learning
- JAVA Programming
- Operating Systems
- Operations Research
- Artificial Intelligence
- Design and Analysis of Algorithms
- Human Values and Professional Ethics
- Machine Learning LAB
- JAVA Programming LAB
- Operating Systems LAB

SEM 3

SUBJECTS

- Internet Technologies
- Deep Learnings
- Software Engineering
- Quantum Computing
- Computer Architecture/Distributed Systems/ Information Security
- Network Security/Blockchain Technology/Android Application Development
- Mini Project
- Internet Technologies LAB
- Deep Learning LAB
- Software Engineering LAB

SEM 4

SUBJECTS

- Software Testing/ Cloud Computing/Cyber Security
- Natural Language Processing/ Big Data Analytics / Social Media Analytics
- Environmental Science/ Constitution of INDIA/ Disaster Management
- MAJOR PROJECT

EXTRA CURRICULAR ACTIVITIES

- SPORTS
- RESONANCE

STUDENT SUPPORT

- ACADEMIC COUNSELING
- MENTORING

NON-CGPA COURSES

- PLANET
- NPTEL
- WORKSHOPS
- CERTIFICATE COURSE
- CRT
- SOFT SKILLS
- BRIDGE COURSE

STUDENT CENTRIC METHODS

- INDUSTRIAL VISITS
- MINOR PROJRCTS
- INTERNSHIPS
- RESEARCH PAPERS
- POSTER PRESENTATIONS
- GROUP DISCUSSIONS / SEMINARS/DEBATES
- PEER LEARNING