



LOYOLA ACADEMY

A "College with Potential For Excellence" by UG
Affiliated to Osmania University Established in 1978



DEPARTMENT OF COMPUTER SCIENCE
& MACHINE LEARNING

ORGANIZES

ALGOFEST

LOGIC MEETS INNOVATION

SPONSERED

BY

Uniaptix

VENUE::

INIGO HALL

FOR REGISTRATIONS :

DATE:

26 | FEB | 2026

FOR ANY QUERIES

CONTACT:

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LOYOLA ACADEMY OVERVIEW:

- ⇒ Our Jesuit roots and our philosophy Loyola Academy (LA) a spacious ecofriendly campus with excellent infrastructure is managed and administered by the Catholic clergy, popularly called Jesuits of the Andhra Jesuit Province, belonging to the Society of Jesus (founded by St. Ignatius of Loyola), an International Catholic Religious Order.
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- ⇒ Loyola Academy was founded by Rev Fr T. Baliah SJ in 1976 in Alwal, Secunderabad, Telangana.
Initially an Intermediate course and an Associate Degree in Chemical Technology were offered. Subsequently other UG programmes (1978) and PG programmes (1993) were started.
- ⇒ Loyola Academy was granted Autonomous status in 1992 for Degree courses and PG courses in 2010. Appreciating the achievements and qualitative pursuit of Higher Education needs, UGC awarded Loyola Academy “A College with Potential for Excellence” (CPE) in the year 2008.
- ⇒ In addition to this, National Assessment and Accreditation Council (NAAC) accredited the college in the year 2005 and reaccredited in the year 2011 with ‘A’ grade (3.50 out of 4.00 CGPA). National Institutional Ranking Framework (NIRF) ranked our College between 100-150 for both (2017-18 & 2018-19) successive years.
- ⇒ The Institution offers a unique, unrivalled array of Under Graduate and Post Graduate courses, imparting its students potential skills which are highly relevant in today’s market and aims at moulding young minds into extraordinary individuals, who love what they do, thereby enabling young men and women to master new concepts and emerge as confident professionals in their chosen domains.

DEPARTMENT OVERVIEW :

⇒ The B.Sc. Computer Science and Machine Learning (CSML) degree program combines the fundamentals of computer science with the principles of machine learning. Students will gain an in-depth understanding of topics such as algorithms, data structures, artificial intelligence, programming, databases, and software engineering. Additionally, they will learn the foundations of machine learning, which includes recognizing how computers can learn through data. This degree sets graduates up for success in data science, software engineering, and other related fields. The skills acquired in this degree will keep them competitive in the ever-changing world of computer science. The program offers unique opportunities for students to gain practical exposure through workshops, industry visits, guest lectures, and seminars with industry experts. This program also provides on-the-job training, internships and hands – on experience of working with various machine learning real world problems that can help develop analytical skills, team work abilities, personality development, and readies students to become employable

B.SC COMPUTER SCIENCE AND MACHINE LEARNING PROGRAMME SPECIFIC OUTCOMES:

PS01:

Environment and Sustainability: Understand the impact of professional science and technological solutions in societal and environmental contexts and for sustainable development. PO6. Individual and Teamwork: Function objectively as an individual and as a member in diverse teams.

PS02:

.Design/Development of Solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

PS03:

Appreciate the underlying mathematical relationships within and across Machine Learning algorithms and the paradigms of supervised and unsupervised learning. Be able to design and implement various machine learning algorithms in a range of real – world applications.

EVENT OVERVIEW :

- AlgoFest is the flagship technical fest of the Department of Computer Science & Machine Learning. It is a dynamic platform designed to celebrate innovation, coding excellence, algorithmic thinking, and emerging technologies in Artificial Intelligence and Machine Learning.
- The fest brings together students to showcase their technical expertise, problem-solving skills, creativity, and teamwork through various competitive and knowledge-based events.

ALGOFEST :

EVENT 1:

ERRORXPLORER

- ErrorXplorer is a multi-round technical competition that challenges participants' programming knowledge, logical reasoning, and debugging skills through a timed quiz and hands-on error correction rounds.

EVENT 2 :

RAPID RECALL

- Test your memory, sharpen your observation, and race against time! Spot the objects, recall them fast, and prove you have the ultimate brainpower.

EVENT 3_:

PROMPT TO POSTER

- Prompt to Poster is an innovative and interactive competition designed to test participants' creativity, prompt engineering skills, and effective use of AI tools in content generation.