ASAN INSTITUTE OF MANAGEMENT
(A Unit of Asan Memorial College of Arts and Science)
(AICTE Approved & Affiliated to University of Madras)
Velachery - Tambaram Road, Jalladianpet, Chennai - 600 100.

AIM

60 Years
SINCE 1965

MASTER OF COMPUTER APPLICATIONS

Master of Computer Applications (MCA) was established in the year 1999. The programme is approved by All India Council for Technical Education (AICTE) and affiliated to the University of Madras. The MCA program is a full-time, two-year postgraduate program with four semesters.

AICTE Approved
2-year Program

Affiliated to
University of Madras

In today's swiftly evolving corporate landscape, there is unprecedented demand for skilled and adaptable professionals. Global industries seek individuals proficient in leadership, critical thinking, problem-solving, and technology, alongside academic excellence. Strong leadership abilities drive innovation and teamwork, while critical thinking and problem-solving skills ensure effective decision-making in dynamic environments.
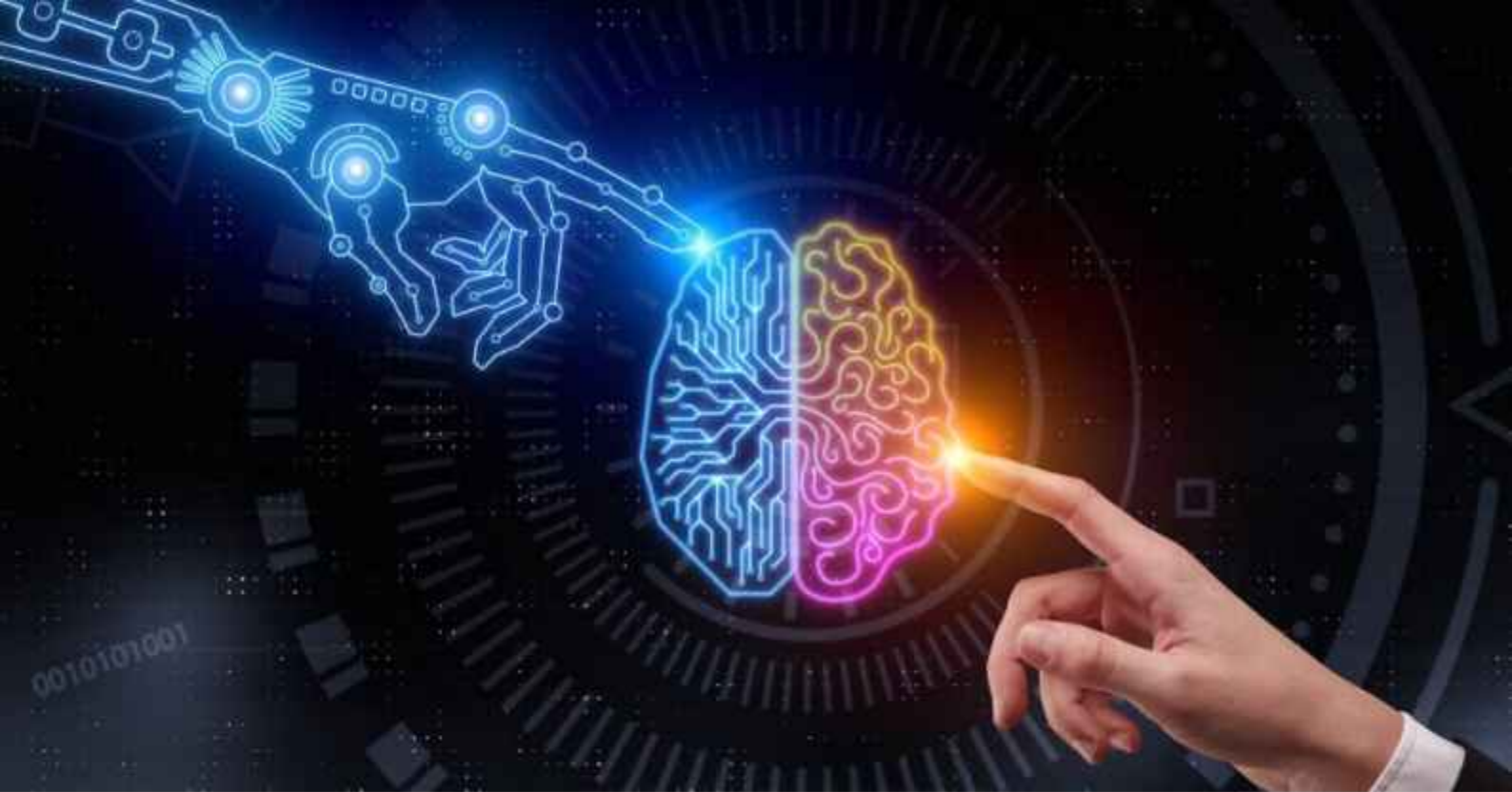
Proficiency in modern technologies is essential for productivity and competitiveness. Embracing these competencies is key to success in the rapidly changing global economy.

Upon completion of their MCA degree and continuous skill development in their chosen specialization, graduates can begin their careers with an initial salary of Rs. 5 lakhs per annum. With experience and expertise gained in the field of computer science, they have the potential to increase their earnings of Rs. 30 Lakhs per annum or higher.

Welcome to the Asan Institute of Management,
where industry expertise ignites academic excellence!

Discover our vibrant Master of Computer Applications (MCA) program offered by AIM, crafted to empower students with the knowledge and skills essential for success in the dynamic, fast-paced modern workplace.

Blending classroom learning with hands-on real-life projects, we help you Master the latest industry techniques to prepare for real-world challenges. We connect you with exciting job opportunities upon graduation, leveraging our strong industry connections to maximize your career prospects and showcase your talents.

Why MCA @ AIM?

Comprehensive Curriculum

At Asan Institute of Management, we offer comprehensive MCA programme that cover a wide range of topics in Programming Languages and Algorithms, Software Engineering Principles, Database Management Systems, Web Development Technologies, Mobile App Development, Networking and Security, Data Science and Analytics and IT Project Management. This can help the students to deepen their understanding of concepts and acquire specialized skills that are in demand in the industry.

Experienced Faculty

Our faculty members are experienced professionals and researchers who are dedicated to help students succeed in their academic and professional endeavors.

Hands-On Learning

Students have access to state-of-the-art facilities, including computer labs, libraries equipped with the latest technologies and resources.

Exposure to Industry trends

We have established strong partnerships with industry including tech companies and start-ups to provide students with Internship opportunities, Guest lectures, Certifications and Training.

Personal Growth and Development

Throughout the MCA curriculum, we encourage Students to engage in extracurricular activities, participate in campus events, nurturing leadership skills, teamwork and interpersonal relationships

ABOUT THE PROGRAMS:

Affiliated to University of Madras and approved by AICTE

MASTER OF COMPUTER APPLICATIONS

MCA CURRICULUM :

SEMESTER 1

- Core - I Theory: Discrete Mathematics
- Core - II Theory: Data Structures and Algorithms
- Core - III Theory: Python Programming
- Core - IV Practical – I: Data Structures using Python Programming Practical

SEMESTER 2

- Core -V Theory: Data Base Management System
- Core - VI Theory: Big Data Analytics
- Core - VII Theory: Computer Networks
- Core - VIII Practical - III : RDBMS with VB .NET Practical

SEMESTER 3

- Core IX Theory: Web Technology and Advanced Java Programming
- Core X Theory: Artificial Intelligence
- Core XI Theory: Advanced Machine Learning
- Core XII Practical – V: Web Technology and Advanced Java Programming Practical

SEMESTER 4

- Core - XIII Theory: Computer Vision
- Core - XIV : Project with Viva voce

ELECTIVES – SEMESTER I

Elective - I - Theory

- Data Engineering and Management
- Architecture and Frameworks
- Operating Systems and UNIX

Elective - II – Practical

- Data Engineering and Management Practical
- Architecture and Frameworks Practical
- Operating Systems and Unix Practical

ELECTIVES – SEMESTER II

Elective - III - Theory

- Social Networking
- Cyber Security
- Block Chain Technologies

Elective-IV - Practical

- Social Networking Practical
- Cyber Security Practical
- Block Chain Technologies Practical

ELECTIVES – SEMESTER III

Elective -V - Theory

- Software Development Technologies
- Cryptography and Network Security
- Cloud Computing

ELECTIVES – SEMESTER IV

Elective - VI - Theory

- Internet of Things
- High Performance Computing
- Parallel and Distributed Computing

At ASAN INSTITUTE OF MANAGEMENT, we offer an array of enriching programs, in addition to the prescribed curriculum, designed to enhance your skill set and broaden your horizons.

English Proficiency Program(QUEST)

Master the English language with confidence and finesse. Our program ensures you reach your fluency goals under able guidance through practical sessions

AIM To Stay Current

Stay abreast with Current Affairs and significant trends in the business world with our engaging initiative. Regular news snippets and frequent quizzing to stay up to date and make an impression during interviews and in group discussions.

Web Development Certificate Course

Certificate Course and Technical Development Training which covers Core Java, Advanced Java, Spring Framework, Spring Boot, Python Basics and Advanced, Database and SQL

NPTEL Programs

Explore advanced topics with our curated NPTEL programs, designed to expand your knowledge and expertise in areas of specialization.

Specialized Seminars and Programs

Participate in tailored seminars and programs aligned with your interests and career goals, providing unique opportunities for personal and professional growth.

ELIGIBILITY:

- A pass with a minimum aggregate of 50% in B.C.A / B.Sc. (Computer Science) / B.Sc. (Information Technology) or equivalent Degree from a recognized University

- A pass with a minimum aggregate of 50% in B.Sc. / B.Com. / B.A. from a recognized University with Mathematics/Statistics /Business Mathematics /Business Statistics at 10+2 Level or at Graduation Level.

ADMISSION PROCESS:

STEP 1:

Fill the Application Form

- Register by filling up the Online application form.
- Provide degree qualifying examination documents.

STEP 2:

Profile Evaluation and Screening

- Entrance test, Score and/or interview based on profile.

STEP 3:

Join the Program

- Secure your seat by paying the admission fee.

agshealth

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