



MCA PLUS

Master of Computer Application
+
Post-Graduate Certificate Program



UGC
Entitled



AICTE
Approved

#ItAllAddsUp

About us

- ✚ JAIN Online the e-learning arm of JAIN (Deemed-to-be University), Bangalore was founded by Dr. Chenraj Roychand
- ✚ The University functions under the wing of JAIN Group, an established education provider and entrepreneurship incubator with 30 years of credibility
- ✚ True to its vision, the University lays equal importance to education, entrepreneurship, research and sports attracting thousands of students worldwide
- ✚ Online degrees are now gaining immense popularity worldwide due to the freedom it allows learners to access high quality education from the comfort of their home
- ✚ At JAIN Online, we strive towards empowering our learners with industry relevant skills and knowledge to help them excel in their professional journey
- ✚ Our academic programs serve as the perfect upskilling option for both novice and experienced



About the program

The **MCA PLUS** Program is spread over two years and is a blend of two Programs running concurrently – Master of Computer Applications (MCA) and Post-Graduate Certificate Program (PGCP) with a concentration in an allied domain.

This PLUS Program will give learners an edge and equip them with technical knowledge, skills and understanding to remain resilient and thrive in an increasingly complex and dynamic global scenario. As part of the MCA Program, you will deep dive in the Elective Computer Science and Information Technology. The elective is intended to satisfy the developing need for qualified experts in the field of Computer Science and Information Technology. The elective is inclined towards Application Development and has more accentuation on most popular and recent programming languages and apparatuses to design and development of better software applications. The PLUS Program will give one a broad understanding of the domain and simultaneously specialize in a specific track with Post-Graduate Certificate Program to increase a learner's technical skills and abilities thus providing a way to accelerate one's career for corporate roles in the software domain.

It is designed to suit working professionals with aspirations to enhance their technical skills but who do not wish to leave their fulltime job while acquiring a quality master degree qualification.

The MCA Program offers foundation courses, core courses, elective courses and a comprehensive project intermediary apart from an option to pursue a cross-functional and open elective. The PGCP Program is designed to provide in-depth knowledge of the chosen domain and their applications using various methodologies and technologies.

Learning resources like recorded lectures, self-learning materials, etc. are offered to the learner as part of the **MCA PLUS** Program giving learners the flexibility to learn at their time and pace while additional Live online sessions over the weekend and **contact sessions in face-to-face mode**, allowing learners an opportunity to interact, share knowledge and network with fellow learners and faculty. The MCA Program lasts four Semesters spread over two years and the PGCP Program is offered concurrently during the fourth semester of the MCA Program.



Highlights of the program

- + Equivalent to a conventional degree
- + Broader domain knowledge with the plus advantage
- + Achieve mastery in key IT competencies
- + Opportunity to design, develop, and execute projects to demonstrate learning
- + Industry-oriented curriculum designed by experts
- + Guest lectures and workshops from industry professionals
- + Dedicated Program Manager
- + Post-program assistance -
 - + Resume building and social media profiling
 - + 1:1 mock interviews with experts
- + Connect to Careers e-hire portal



MCA PLUS Options

You can choose one Elective for your MCA and one Post-Graduate Certificate Program

MCA Electives

Computer Science and IT

PGCP Options

Artificial Intelligence and Machine Learning

Fulls Stack Development

Eligibility criteria

- + Pass in an Undergraduate (Bachelor) Program of a minimum duration of Three (3) years in any stream from a UGC recognized University, with a minimum aggregate of 50% or an equivalent letter/numerical grade. A relaxation of 5% shall be given to SC/ST candidates.
- + Candidates who are in the final semester of the Bachelor Program are also eligible to apply.

Fee plan

One Time University Registration Fee	Tuition Fee	Annual Examination Fee
₹ 2,500	₹ 90,000 - Per year	₹ 3,000

**Fee can be paid in Semester wise / Annual wise*



Program Structure of MCA in Computer Science and IT

Semester 1	Semester 2	Semester 3	Semester 4
Mathematical Foundation for Computer Application	Relational Database Management System*	Application Development using Python*	IT Project Management
Operating System and Unix Shell Programming*	Design and Analysis of Algorithms*	Advanced Web Technologies*	Artificial Intelligence and Machine Learning*
Data Communication and Computer Networks	Java Programming*	Advanced Software Engineering	Big Data Analytics
Data Structures with Algorithms*	Network Security and Cryptography	Cloud Infrastructure and Services	Internet of Things
Computer Organization and Architecture	Object Oriented Modeling and Design Patterns	Advanced Data Management Techniques*	Cross-Functional Elective Course
		Open Elective Course	Project**

* Courses which include Practicals (Lab Programs and Exercise in Virtual mode)

** Project will be carried out between Sem 3 and Sem 4, but evaluation will reflect in Sem 4



Post-Graduate Certificate Program (PGCP)

+ Full Stack Development

- Advanced Web Technologies
- Relational Database Management System
- Application Development using Python
- CI/CD and DevOps

+ Artificial Intelligence and Machine Learning

- Probability and Statistics
- Machine Learning
- Deep Learning
- Artificial Intelligence

Learning Methodology



Each course involves approximately 120 hours of learning



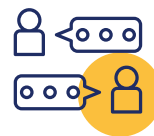
Two-way live online audio-video lectures



Pre-recorded audio-video lecture available on the Learning Management System (LMS)



Multimedia content



Interactions through the discussion forum on the LMS



Exhaustive e-content for in-depth reference



Self-study activities including assignments, quiz & MCQs, essay-type questions, case study, etc.



Experiential learning methods including individual and group projects



Contact sessions in face-to-face mode





+91 8848806212

+91 8848806212

jplus@techno.academy

