



Your foot in the door for an exciting career starts here

100% Online

Master of Computer Applications (MCA)

The Master of Computer Applications programme is designed to equip you for the future. Become a leader in the domain and unlock a world of opportunities with the next gen professional program in computer applications. Get free access to Google Cloud Computing Foundations and gear up for the changing technology-scape.



**MANIPAL
UNIVERSITY JAIPUR**

University under Section 2(f) of the UGC Act

 www.onlinemanipal.com

 **+91 7304 000 444**

Eligibility

- ▶ Candidates must have a 10 + 2 + 3 year bachelor's degree from a recognized university/institution, or an equivalent qualification as recognized by the Association of Indian Universities (AIU) or other competent bodies, in Computer Applications/Computer Science/Information Technology with a minimum of 50% marks in aggregate (45% for reserved categories)
- ▶ Candidates from other streams like Science, Business Administration, Business Management, Arts & Humanities, Commerce, etc. must have a 10 + 2 + 3 year bachelor's degree from a recognized university, or an equivalent qualification as recognized by the AIU or other competent bodies with a minimum 50% marks aggregate in graduation (45% for reserved categories). Such candidates need to attend and complete a compulsory bridge course in fundamentals of computer and IT along with their Semester 1 courses. Additionally, candidates who have not studied mathematics during their 10 + 2/ bachelor's degree programs must attend and complete a compulsory bridge course in mathematics along with other semester 1 courses.

Fee structure

- ▶ Course fees: INR 1,50,000* (all inclusive) or INR 37,500 per semester (includes an examination fee of INR 5,000)

Duration

- ▶ 2 years (divided into 4 semesters)

Admission process



Application to online degrees at MUJ can be initiated through our website www.onlinemanipal.com.



Our counsellors will guide candidates through the admission process, which is as per regulatory requirements.



Applicants must submit a completed application form with relevant documents within the due date.



Please visit the FAQ section on our website to know more about the admission process.

Master of Computer Applications (MCA)

Grow as an IT leader with the comprehensive online MCA

Programme structure

All students will follow the same curriculum in the first 2 semesters.

Subjects will vary in the third and fourth semesters depending on the technology related interests and electives.

First Semester	Second Semester	Third Semester	Fourth Semester
Programming in C	Operating Systems	Probability and Statistics	Project
Foundation of Mathematics	Advanced Data Structure	Programming in Java	Elective
Advanced Database Management System (DBMS)	Web Technologies	Advanced Software Engineering	
Computer Architecture	Advanced Computer Networks	Analysis and Design of Algorithm	
Practical - Programming in C	Communication Skills	Elective	
Practical - Advanced DBMS	Practical - Advanced Data Structures Using C++	Practical - Java Programming	
Fundamentals of Computer and IT*	Practical - Web Technologies	Seminar	
Fundamentals of Mathematics**			

Elective

Third semester

Fourth semester

Elective
(Choose one)#

Wireless and Mobile Communication, Open Source
DB Systems, Cryptography and Network Security

Advanced Web Programming, Cloud DB System,
Storage Management

#Choose your electives from the options

Note: *Bridge course (non credit), applicable only for non IT background. | **(Compulsory) Bridge course (non credit) applicable only for non-mathematic background.

Every student shall undertake project work, either at their place of work or elsewhere in the chosen area of elective to complete the programme. The project work will commence from the third semester and has to be completed by the end of the fourth semester.

The Manipal University Jaipur online advantage

With its renowned legacy of excellence in higher education, the Manipal Education Group launched Manipal University Jaipur in 2011. Today MUJ, a new generation university, caters to new-gen learning. MUJ is committed to nurturing talent and strengthening academics by adopting contemporary and innovative practices that reimagine academic excellence.



68+ years of academic excellence



First smart-campus in India



Accredited as A+ grade by NAAC



UGC-entitled



Affordable education



Scholarships for deserving candidates



Career assistance



Industry expert faculty and mentors



Global networking opportunities



Courses designed to make students future-ready



www.onlinemanipal.com |  **+91 7304 000 444**



MANIPAL
UNIVERSITY JAIPUR
University under Section 2(f) of the UGC Act