



# 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)*

## 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](http://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 a 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**			

<b>Elective</b>	<b>Third semester</b>	<b>Fourth semester</b>
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. I \*\*(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.

MUJ reserves the right to change the program design, format, number of sessions, certificate format, and terms in the program or can incorporate any such change deemed necessary by the institute without prior intimation.

# The Manipal University Jaipur online advantage

Manipal University Jaipur (MUJ) was established in 2011, as a self-financed State University, at the invitation of the Government of Rajasthan. 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.



**70+ years of academic excellence**



**Scholarships for deserving candidates**



**First smart-campus in India**



**Career assistance**



**Accredited as A+ grade by NAAC**



**Industry expert faculty and mentors**



**UGC-entitled**



**Global networking opportunities**



**Affordable education**



**Courses designed to make students future-ready**

