



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

Be The  
Next **Game  
Changer**

PROSPECTUS 2024-25

Master of Computer Applications

Online programs entitled  
by UGC from a NAAC A+  
accredited university



UGC  
Entitled



NAAC A+  
Accredited



**100%**  
**Online**



**online**  
**MANIPAL**

★ RANKED 101-150



Amongst India's  
Top #101-150  
Universities in 2023

★ RANKED 13



Amongst India's  
Top 15 Universities  
(Management) 2023

⚙ ACCREDITATION



Rajasthan's 1st  
NAAC A+ Accredited  
University

⚙ ACCREDITATION



UGC- entitled Online Degrees  
Equivalent to Campus Degree

⚙ ACCREDITATION



Globally Recognised  
Online Degrees

⚙ ACCREDITATION



Member of ACU

You are ready to change the world. To be the next version of you.

**Now, a NAAC A+ university comes to you. And you can get a UGC-entitled online degree from anywhere, anytime.**

Get ready to raise the bar. And meet the new you.

Your time starts now.

# Give an individual a professional education and you have given him a lifestyle.

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Padma Shri awardee  
Dr. T M A Pai  
Founder  
Manipal Education & Medical Group

VISIONARY

PHILANTHROPIST

PHYSICIAN

EDUCATIONIST

BANKER





In a short period of time, Manipal University Jaipur has become a leading player in the online education space by embracing technology to make quality education accessible to a wider population. We believe in comprehensive student development, empowering bright entrepreneurial minds, and rearing them to be responsible citizens. Our online degrees reflect that belief and provide learners a great opportunity to fulfil their potential.

**Mr S. Vaitheeswaran**  
Chairperson  
Manipal University Jaipur



Today, in a world that is being reshaped by technology and evolving customer expectations, businesses are looking for leaders that are both ambitious and skilled to succeed in this environment.

At Manipal, all our program are designed around the theme of strategic leadership and innovation. To endow you with the most relevant skills for success in Industry 4.0.

**Dr. G K Prabhu**  
President  
Manipal University Jaipur

# Change the game with next-gen online degrees from Manipal University Jaipur.



## World class education

Access UGC-entitled online degrees from a NAAC A+ accredited university with 12+ years of educational excellence. Learn from experienced faculty who are experts in their domains.



## Next-gen pedagogy

Attend live classes and access recorded lectures & e-learning content anywhere, anytime through our advanced digital learning platform.



## Exhaustive content & resources

Access an exhaustive e-library with over 1,80,000 e-books, e-databases, journals, and more. Get free access to paid content on Coursera. Additional 110+ hours of skill enhancement content worth INR 50,000.



## Global networking opportunities

Expand your professional network by interacting with peers, faculty & other professionals across industries. Attend regular webinars led by experts to get industry insights.



## Placement assistance

Become a job-ready professional with intense placement training programs which include resume building, mock interviews, skill assessments, and more.



## Attractive scholarships

Gain access to exclusive scholarships designed for defense personnel, government employees, differently abled people & meritorious students.



## Prestigious Manipal alumni status

Benefit from 70+ years of Manipal legacy and become a member of the reputed alumni network.

**Whether you are a CEO, senior manager, or junior professional, if you neglect learning, you stop adapting and forego leading.**

Source: hbr.org



# A university of your choice



## Online program entitled by UGC

- Certificate awarded by Manipal University Jaipur, rated A+ by NAAC
- All online program designed as per UGC regulations



## Flexibility to study on the go

- 24x7 learning with best-suited content
- Learn at your own pace, whenever you want



## Expert faculty and mentors

- Best-in-class faculty, selected through our vast pool of full time and adjunct professors
- Dedicated course mentors allocated to each student
- Flexible, modern curriculum for maximum industry relevance

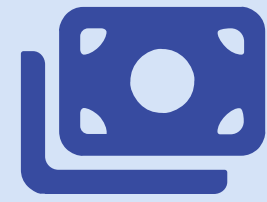
Manipal University Jaipur (Rajasthan) has been established by an Act (No. 21 of 2011) of State Legislature of Rajasthan as a State Private University as specified by the UGC under Section 2(f) of the UGC Act

# A university of your choice



## Career support to find your dream job

- Comprehensive services to help kickstart your career
- Includes interview tips, employability assessments, resume building, industry readiness programs, mock interviews, virtual placement drives, and more
- Guest faculty from the industry for real-world experience



## Scholarships for deserving candidates

- Defense personnel, PSU employees, and persons with disabilities are eligible for scholarships
- Merit scholarships are available based on learner's qualification exam results for the respective program



## Access to Coursera

- Free access to paid courses on 'Coursera'
- Explore 10,000+ cutting edge courses on in-demand skills



## Additional content for skill enhancement

- Access 110+ hours of exclusively curated skill enhancement content worth INR 50,000.
- Content tailored for leaders in emerging technology and business skills

Ranked AAAA by Careers 360.  
Awarded Private University of Eminence by MHW Rankings 2021.



**Learning is seldom just a transaction between an expert and a novice. It is a relationship that frees up thinking and fosters growth.**

Source: hbr.org



## Online IT program

# MCA

## Master of Computer Applications

### Eligibility

- Candidates must have completed 10+2+3-year bachelor's degree in Computer Applications/Computer Science/ Information Technology from a recognised university/ institution, or an equivalent qualification as recognised by the Association of Indian Universities (AIU) or other competent bodies
- Candidates who have completed 10+2+3-year bachelor's degree from other streams like Science, Business Administration, Business Management, Arts & Humanities, Commerce, etc. are also eligible for MCA admission but they have 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.
- Candidates must have a minimum of 50% marks in aggregate in graduation (45% for reserved categories).

### Fee structure

- INR 158,000 or INR 39,500 per semester (includes an examination fee of INR 5,000)
- INR 500 (non-refundable application fee)

### Duration

- Minimum 2 years (divided into four semesters)  
Maximum 4 years

Unlock a world of opportunities with the nextgen professional program in computer applications. Get free access to Google Cloud Computing Foundations, and equip yourself for the changing technology-scape.



# Master of Computer Applications (MCA) | Program structure

## First semester

Fundamentals of Computers and IT

Fundamentals of Mathematics

Discrete Mathematics and Graph Theory

Python Programming

Programming and Problem Solving in C

Relational Database Management System

Data Visualisation

Relational Database Management Systems - Lab

Programming and Problem Solving in C - Lab

Python Programming - Lab

## Second semester

Computer Networks and Protocols

Object Oriented Programming using Java

Operating System

Data Structure and Algorithms

Computer Architecture

Object Oriented Programming using Java - Lab

Data Structure and Algorithms - Lab

Elective-I

## Third semester

Unix and Shell Programming

Web Technology

Software Engineering and Project Management

Unix and Shell Programming - Lab

Web Technology - Lab

Elective-II

Elective-III

## Fourth semester

Mobile Application Development

Project Work

Elective-IV

- Total credits: 85
- Labs carry 1 credit each
- Computer Architecture during Semester 2 carries 2 credits
- All other courses carry 4 credits

# Choose your electives from the following options

## Second semester

Elective-I

**Artificial Intelligence** - Artificial Intelligence  
**Cloud Computing** - Fundamentals of Cloud Computing  
**Cyber Security** - Cyber Security Essentials  
**Data & Analytics** - Internet of Things

## Third semester

Elective-II

**Artificial Intelligence** - Machine Learning  
**Cloud Computing** - Cloud Architecture and Services  
**Cyber Security** - Cyber Laws and Ethics  
**Data & Analytics** - Data Mining Techniques

Elective-III

**Artificial Intelligence** - AI for Web Applications  
**Cloud Computing** - Google Cloud Essentials  
**Cyber Security** - Ethical Hacking  
**Data & Analytics** - Blockchain Technologies

## Fourth semester

Elective-IV

**Artificial Intelligence** - AI in Cloud  
**Cloud Computing** - Cloud Application Development  
**Cyber Security** - Cryptography and Network Security  
**Data & Analytics** - Big Data Analytics and Business Intelligence

- 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 program. 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.

# Get onboard



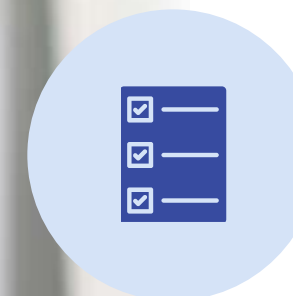
## Program registration

Fill in your basic, education & work experience-related details and pay the application fee to register.



## Fee payment

Pay the admission fee for the first semester/year or full program.



## Document upload

Upload supporting documents & submit your application.



## University approval

The university will evaluate your documents to confirm your admission.

By harnessing emerging technologies, universities can reach beyond campus walls to empower diverse learners at a global scale.

Source: hbr.org

# Did you know?

## eLearning material

The eLearning material will be made available to you on the Learning Management System (LMS) based on the four-quadrant approach, as per UGC (Credit Framework for online learning courses through SWAYAM) Regulations, 2016. It includes a combination of the following eLearning content, namely:



**Video lectures**



**eText materials**



**Virtual classroom**



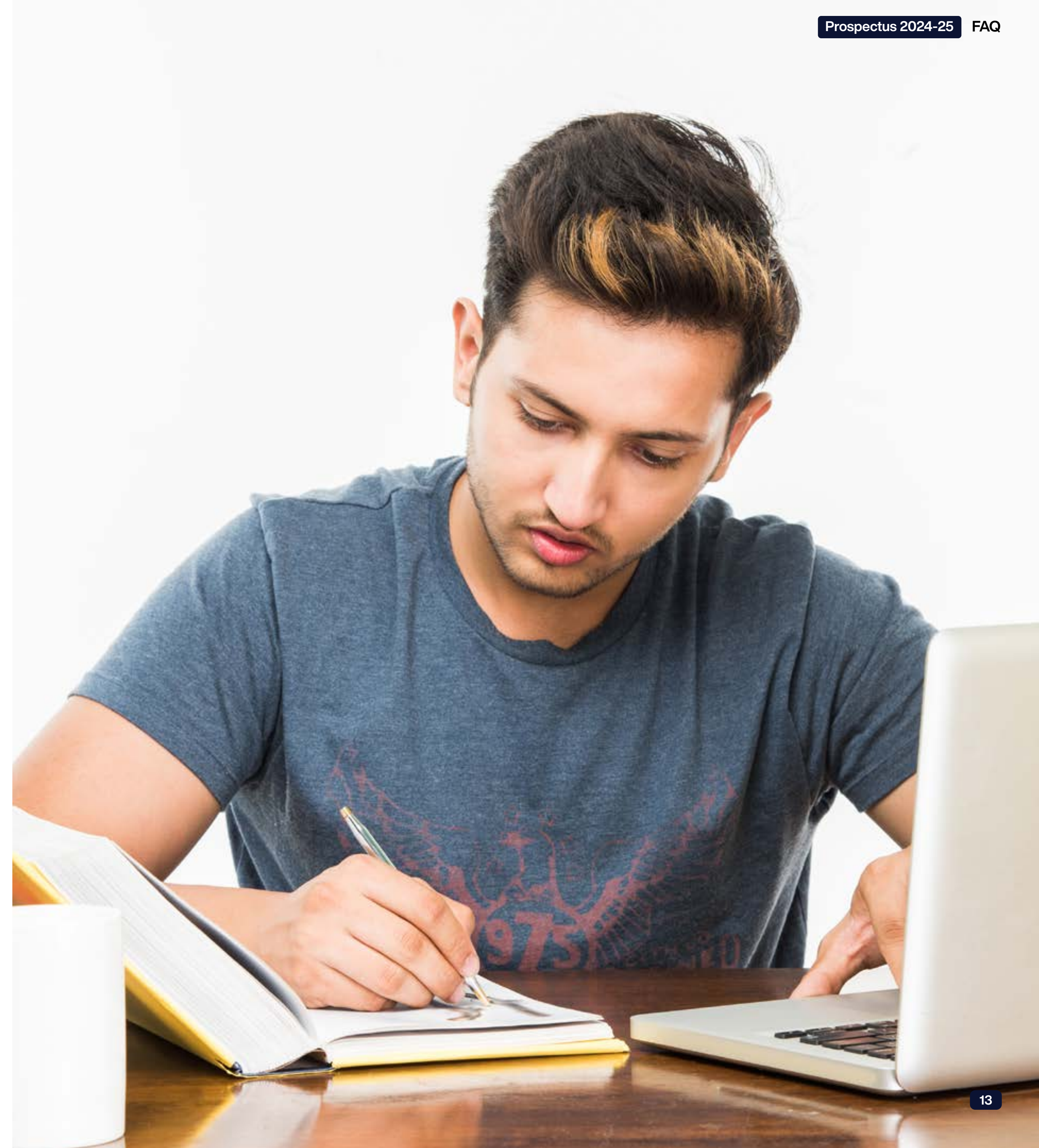
**Interactive material**



**Virtual simulation**



**Discussion forums**



## Evaluation

The assessment system has been conceived, developed, and administered on a rigorous and fair basis to bring out the best in you and prepare you for a challenging career.

Your performance evaluation will be based on both continuous evaluation and term-end examinations.

## Examination

The university semester-end examinations will be held digitally viz. computer-based and online proctored. You can appear for the exams from the comfort and safety of your homes. A laptop or desktop computer with a functioning webcam connected to the Internet is required to appear for the exams. The details of the examination schedule will be made available in the photo admit card issued for appearing for the term end theory examinations. The university will share all examination details via the student portal.

## Right to amend rules

The university reserves the right to add / delete / change / amend the syllabi, program structure, rules and regulations wherever considered necessary and appropriate without any prior notice. You are advised to go through the website frequently where all circulars and important information will be hosted from time to time. Promulgation of any such information on the website in the form of circulars / notices is considered to be adequate.

## Theory papers

The theory part is assessed by performance based on continuous assessment (CA) through assignments and termend examinations (TEE). The assessment ratio for (TEE) to CA is 70:30. The CA is based on assignments prepared by the University. TEE will comprise descriptive and multiple-choice type questions. You must score at least 40% in both CA and TEE to be declared as pass.

## Results

The results will be published on the student portal. If you fail to clear any of the papers (either in TEE or CA or both), you have to re appear for the relevant paper by applying to the university through the resitting application along with relevant fees, within the due date.

## Jurisdiction

All disputes relating to university program and activities are subject to local jurisdiction (Rajasthan) only.

## Practical papers (as applicable)

The assessment for the practical part is based on the performance in guided exercises (i.e. day-to-day exercises) and unguided exercises which will be conducted on the last day of the practical sessions in each subject with an external examiner. The assessment ratio for TEE to CA is 30:70. You must score at least 40% in both the parts to be declared as pass.

## Awards and degree

Successful students, on satisfying all criteria stipulated by the university, will be awarded the respective degrees by the university.

# Testimonials



**Sonia Hiramani**

I'm a teacher by profession. Due to my hectic schedule, I couldn't pursue an on-campus degree. The online MCA program offered by MUJ is flexible for me and I'm able to expand my knowledge.



**Menka Sharma**

I always wanted to pursue my higher education dream without quitting my job, and MUJ has made it possible for me through their online degrees. My online MCA degree has given me wings to fly and chase my career aspirations.



**Dhananjay**

Working in a tech giant for a few years, I needed to pursue a master's degree to get a promotion and advance in my career. I decided to pursue an online MCA degree because I didn't want to quit my job. Moreover, the online proctored examinations were helpful as we didn't have to go to a center to write our examinations.







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**online**  
**MANIPAL**

## **Manipal University Jaipur**

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