MCA
Master of Computer Applications

Admission 2025-26

About the program

The MCA program at the Manipal University Jaipur is a two-year programme spanning over four semesters, this programme aims to provide interface between computer studies and applications.

With vastly experienced, highly motivated and dedicated faculty and staff members along with award winning infrastructure, Department of Computer Applications is determined to quench the thirst of knowledge of inquisitive and enthusiastic youngsters.

The Department aims to impart high quality training to student using the latest tools in computer technology. In order to upkeep the high standard of education, the academic syllabus is designed in league with the latest trends and technologies in the field of Computer Science. The coursework is designed to be flexible and wide-ranging, incorporating the cutting edge and ensuring that the students have a firm grasp on the core fundamentals.

More about the Department
Scan the QR Code

Key Highlights of the Program

- Consistent high placement records
- Placement opportunities with Core IT Companies
- Curriculum based placement preparation
- Start Up funding opportunities through AIC and E Cell

Prominent Recruiters

- Startek
- ACADEMOR
- Concentrix
- Cyntexa Labs Pvt. Ltd
- TCS
- Accolite
- Teachnook
- Winspark Innovations Learning Pvt. Ltd
- Accenture
- Clover Infotech
- CodefyLabs

- Celebal Technologies
- Lamentis Software Pvt. Ltd
- Oodles Technologies Pvt Ltd
- Sysquare
- Wandeleaf
- Pigeon Education Technology
- Denave India Private LTD
- Le Charpoi LLP
- Wealthpluz Financial Services
- Cyntexa Labs Pvt. Ltd

Unique Research and Lab Facilities

Dedicated LAB with high end server, desktop computers, IoT Kits, High Speed Internet, Basic software, NetSim (academic version)

National and International Collaborations

S.N.	Type of Collaboration	Name of Organization	Name of Nodal Officer
1	Academic Result	IUBAT— International University of Business Agriculture and Technology	Dr. Vaibhav Bhatnagar
2	Industry	Kalvium Pvt. Ltd.	Dr. Linesh Raja

Career Opportunities

- Software Engineer
- Systems Analyst
- IT Project Manager
- Data Scientist
- DevOps Engineer
- Machine Learning Engineer
- Game Designer
- ERP Consultant
- Academic and Research Roles
- Government Jobs (NIC, DoIT, MIT)

The MUJ EDGE (Why MUJ)

- Best in-class infrastructure, including the state-of-the-art research facilities and a modern digital library
- NAAC A+, UGC Accredited Institution
- Best University Campus Award conferred by ASSOCHAM
- 3.5 Star rating for promoting Innovation and Start Ups in Campus
- Awarded 'IGBC Performance Challenge 2020 for Green Built environment- Excellence Award'
- Best University in Rajasthan Award 2020 in Eminent Engineers Award 2020 by Institution of Engineers (India), Rajasthan State Center, Jaipur

Placements Statistics

Year	Company Package	Highest Package	Average Package
2021-22	2.0-16.0 LPA	8.5 LPA	6.0 LPA
2022-23	2.0-16.0 LPA	14.0 LPA	8.0 LPA
2023-24	3.2-16 LPA	12.0 LPA	4.7 LPA

Fee structure

Tution fee (p.a.)	Registration Fee (One Time)	Caution Deposit Refundable (One Time)	Total Course Fees (including Caution Deposit)
1,62,000	10,000	10,000	3,44,000

(International - USD, Total Fee for 3 Years - 10,000)

Eligibility

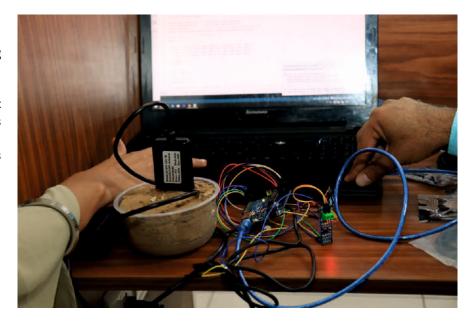Passed BCA / bachelor's degree in computer science engineering or equivalent Degree.

OR

Passed B.Sc./ B.Com./ B.A. with Mathematics at 10+2 level or at Graduation Level (with additional bridge courses as per the norms of the concerned university).

Obtained at least 50% marks (45% marks in case of candidates belonging to reserved category) in the qualifying examination.

Scholarships

- Tuition Fee Concession for MUJ Graduate
- Scholarships for Local Region Students
- Merit Scholarships

Curriculum (Only Scheme)

Master of Computer Applications (MCA)   **Total Credits: 85**

FIRST SEMESTER						SECOND SEMESTER					
Course Code	Course Name	L	T	P	C	Course Code	Course Name	L	T	P	C
MAS6105	Discrete Mathematical Structures with Graph Theory	3	1	0	4	CAP6203	Computer Networks & Protocols	3	1	0	4
CAP6101	Web Technologies	3	1	0	4	CAP6204	Object Oriented Programming using JAVA	3	1	0	4
CAP6105	Programming & Problem-Solving using C	3	1	0	4	CAP6205	Operating System	3	1	0	4
CAP6106	Relational Database Management Systems	3	1	0	4	CAP6206	Data Structures and Algorithms	3	1	0	4
CAP6108	Data Visualization	3	1	0	4	CAP62XX	Program Elective-I	3	0	0	3
CAP6130	Web Technology Lab	0	0	2	1	CAP6233	Object Oriented Programming using Java LAB	0	0	2	1
CAP6133	Programming & Problem-Solving using	0	0	2	1	CAP6234	Data Structures and Algorithms Lab	0	0	2	1
CAP6134	Relational Database Management Systems Lab	0	0	2	1	CAP6235	Pragmatic Learning	0	0	2	1
						CAP6210	Aptitude & Technical Development	1	1	0	2
		15	5	6	23			16	5	6	24
Total Contact Hours (L + T + P)		26				Total Contact Hours (L + T + P)		27			

Curriculum (Only Scheme)

THIRD SEMESTER						FOURTH SEMESTER					
CAP7104	Unix & Shell Programming	3	1	0	4	CAP7270	Major Project	0	0	0	16
CAP7105	Android Application Development	3	1	0	4						
CAP7106	Software Engineering & Project Management	3	1	0	4						
CAP71XX	Program Elective-II	3	0	0	3						
CAP71XX	Program Elective-III	3	0	0	3						
CAP7131	Minor Project	0	0	4	2						
CAP7132	Unix & Shell Programming Lab	0	0	2	1						
CAP7133	Android Application Development Lab	0	0	2	1						
		15	3	8	22			0	0	0	16
Total Contact Hours (L + T + P)					26	Total Contact Hours (L + T + P)					00

Program Electives	
II	**III**
Program Elective – I • CAP6245: Cryptography And Network Security • CAP6246: Artificial Intelligence • CAP6247: Internet of Things	**Program Elective – II** • CAP7152: Data Mining Techniques • CAP7153: Cloud Computing & Infrastructure Services • CAP7154: Advanced Computer Networks **Program Elective – III** • CAP7155: Advances In Machine Learning • CAP7156: Blockchain Technologies • CAP7157: Data Science

Program Electives – I
Ca6245 CRYPTOGRAPHY AND NETWORK SECURITY
CA6246 ARTIFICIAL INTELLIGENCE
CA6247 INTERNET OF THINGS

Program Electives – II
CA7152 DATA MINING TECHNIQUES
Ca7153 CLOUD COMPUTING & INFRASTRUCTURE SERVICES
CA7154 ADVANCED COMPUTER NETWORKS

Program Electives – III
Ca7155 ADVANCES IN MACHINE LEARNING
Ca7156 BLOCKCHAIN TECHNOLOGIES
Ca7157 DATA SCIENCE

MANIPAL UNIVERSITY JAIPUR
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Admission Process

Application form initiated through our website
admissions.jaipur.manipal.edu

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

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

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

More about the Department
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Follow us on f Instagram in YouTube

Department Social Media Connect

Hostel Details

goodhostspaces.com 08069122800
info.jaipur@goodhostspaces.com

Please visit
https://jaipur.manipal.edu/muj/life-at-muj/hostel-facility.html

Counsellor Contact Details

Please visit
https://jaipur.manipal.edu/muj/admission/admission-team
-contact-details.html

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(University Under Section 2(f) of the UGC Act)

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