



**MANIPAL**  
UNIVERSITY JAIPUR

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

**Online MANIPAL**

Elevate Your Tech Career With  
A Future-Ready Edge

# Master of Computer Applications

(Online MCA)



UGC  
Entitled



ACCREDITED WITH  
**A<sup>+</sup>**  
NAAC



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# Online Master of Computer Applications **MCA**

## Master of Computer Applications

This MCA program features a future-ready curriculum with in-demand specializations like AI, Data Science, Cybersecurity, and Full Stack Development. Designed for tech-driven professionals, it blends core computer science knowledge with real-world applications, preparing students for roles in software development, data analysis, IT management, and more. Flexible and industry-focused, it's ideal for those looking to build strong technical and problem-solving skills for today's digital economy.

### Eligibility

- Candidates must have completed 10+2+3-year bachelor's degree in Computer Applications/Computer Science/Information Technology from a recognized university/institution, or an equivalent qualification as recognized 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).

### Duration

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

### 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)



# Program Delivery

Quality education, delivered seamlessly through state-of-the-art technology, so learning never slows down.

- Online program entitled by UGC
- 24x7 learning with best-suited content
- Career support to find your dream job
- Expert faculty and mentors
- Industry expert sessions, webinars and projects
- Foundation courses
- Access to Coursera
- Scholarships for deserving candidates
- Microsoft Certifications



“

I am a software developer who successfully transitioned to become a data engineer. MUJ's online MCA degree has allowed me to gain the necessary skills needed for my job role. As a working professional, the weekend classes were great, allowing me to learn comfortably. The faculty were excellent, and the program offered me great flexibility allowing me to learn at my own pace.

”

- Jain Bhutani

# About MUJ

Launched in 2011 on invitation from the Government of Rajasthan, Manipal University Jaipur is a self-financed State Private University that has redefined academic excellence in the region.

The multi-disciplinary university offers career-oriented courses at all levels across diverse streams, with best-in-class infrastructure, including state-of-the-art research facilities and a digital library. In line with Manipal University's legacy of providing quality education to its students, the campus uses the latest in technology to impart education.

14+  
Years of educational  
excellence

100,000+  
Online Learners

10,000+  
Online Degree alumni

40+  
Student nationalities

2,000+  
Learner footprint  
across towns & cities  
of India



“

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

”

**Padma Shri Dr. T.M.A. Pai**

1898 - 1979  
Founder - Manipal Group



**Dr NN Sharma**  
President  
Manipal University Jaipur



**Dr Mallikarjuna Gadapa**  
Director of Online Education  
Manipal University Jaipur

# Manipal University Jaipur (MUJ) Accolades

## ACCREDITATION



UGC- entitled Online Degrees  
Equivalent to Campus Degree

## ACCREDITATION



Rajasthan's 1<sup>st</sup>  
NAAC A+ Accredited  
University

## ACCREDITATION



Globally Recognised  
Online Degrees

## ACCREDITATION



The Association  
of Commonwealth  
Universities

Member of ACU

## RANK 58



Amongst India's Top 100  
Universities in 2025

## RANK 222



Amongst South Asia's Top 225  
Universities (2025)

## RANK 2



Amongst India's Top Emerging  
Multidisciplinary Universities  
(2024)

## RANK 12



Amongst Top 15 Private  
University - Constituent  
Colleges Rankings (2024)

## RANK 14



Amongst India's Top 20  
Private Universities (2024)

## RANKED 351-400



Amongst Top Universities  
Under Young University  
Rankings (2024)

# The Right Step For The Right Future

## World Class Education

Access UGC-entitled online degrees from a NAAC A+ accredited university with 14+ 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.

## 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.

## Prestigious Manipal Alumni Status

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

## Placement Assistance

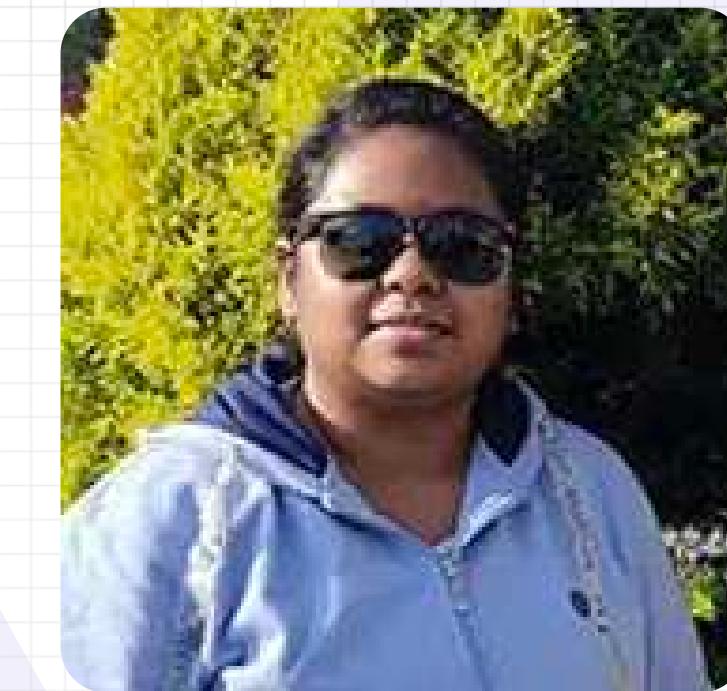
Become a job-ready professional through placement assistance which includes resume building, mock interviews, skill assessments, and more.

## 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 and an additional 110+ hours of skill enhancement content worth INR 50,000.

## Attractive Scholarships

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



“

My overall experience with Online Manipal was very good. The free access to paid Coursera content allowed me to expand my knowledge beyond what was taught in live classes. The online examination process was smooth and the help desk played a key role in ensuring I didn't face any difficulty.

”

- Yashika Sharma

## First Semester

- ◆ Fundamentals of Computer
- ◆ Fundamental of Mathematics
- ◆ Discrete Mathematics and Graph Theory
- ◆ Python Programming
- ◆ Programming & Problem-Solving using C
- ◆ Relational Database Management System
- ◆ Data Visualization
- ◆ Relational Database Management - Lab
- ◆ Programming & Problem-Solving using C - Lab
- ◆ Python Programming - Lab

## Second Semester

- ◆ Computer Networks & Protocols
- ◆ Object Oriented Programming using JAVA
- ◆ Operating System
- ◆ Data Structure and Algorithms
- ◆ Computer Architecture
- ◆ Elective – I
- ◆ Object Oriented Programming using JAVA - Lab
- ◆ Data Structure and Algorithms - Lab

## Third Semester

- ◆ Unix & Shell Programming
- ◆ Web Technology
- ◆ Software Engineering & Project Management
- ◆ Elective – I
- ◆ Elective – III
- ◆ Unix & Shell Programming – Lab
- ◆ Web Technology - Lab

## Fourth Semester

- ◆ Mobile Application Development
- ◆ Project Work
- ◆ Elective - IV

- ◆ Total credits: 85
- ◆ Labs carry 1 credit each
- ◆ Project Work during the final semester carries 8 credits Computer Architecture during 2nd semester carries 2 credits
- ◆ All other courses carry 4 credits

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.

# Program Specializations/Electives

## Electives

### 01 AI and Data Science

- Artificial Intelligence

### 02 Cloud Computing

- Fundamentals of Cloud Computing

### 03 Cybersecurity

- Cybersecurity Essentials

### 04 Comprehensive Emerging Technologies

- IoT Essentials

### 05 AI & ML

- Fundamentals of Artificial Intelligence and Problem Solving

## Elective I

## Elective II

## Elective III

## Elective IV

- Categorical Data Analysis and Generalized Linear Models

- Deep Learning and Text Mining

- Applied Data Analytics

- Cloud Architecture and Services

- Google Cloud Essentials

- Cloud Application Development

- Cyber Law and Ethics

- Ethical Hacking

- Cryptography and Network Security

- Data Mining Techniques

- Blockchain Technologies

- Big Data Analytics and Business Intelligence

- Introduction to Machine Learning

- Fundamentals of Unsupervised Learning

- AI in Project Management

# eLearning: The Future Is Now!

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

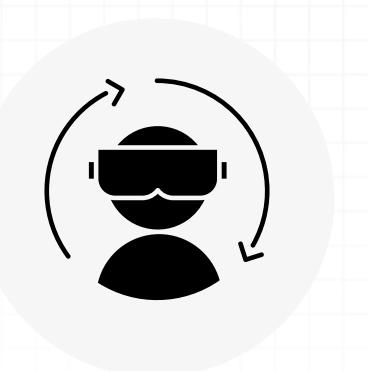
## Video Lectures



## Virtual Classrooms



## Virtual Simulation



## eText Materials



## Interactive Material



## Discussion Forums



“

This program has been instrumental in equipping me with knowledge in programming languages such as Python and SQL, providing valuable skills for my upcoming job search. The unique virtual lab experience added an extra layer to my learning. I extend a special thanks to my mentor, whose continuous support was invaluable throughout my educational journey. In retrospect, I am convinced that choosing to pursue an online degree from MUJ was the perfect decision.

”

-Vinita Chandalia

# The More You Know

## 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.

## Theory papers

The theory part is assessed by performance based on continuous assessment (CA) through assignments and term-end 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.

## 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.

## 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.

## 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 reappear for the relevant paper by applying to the university through the resitting application along with relevant fees, within the due date.

## Awards and degree

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

## 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.

## Jurisdiction

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

# Application Process

## 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.

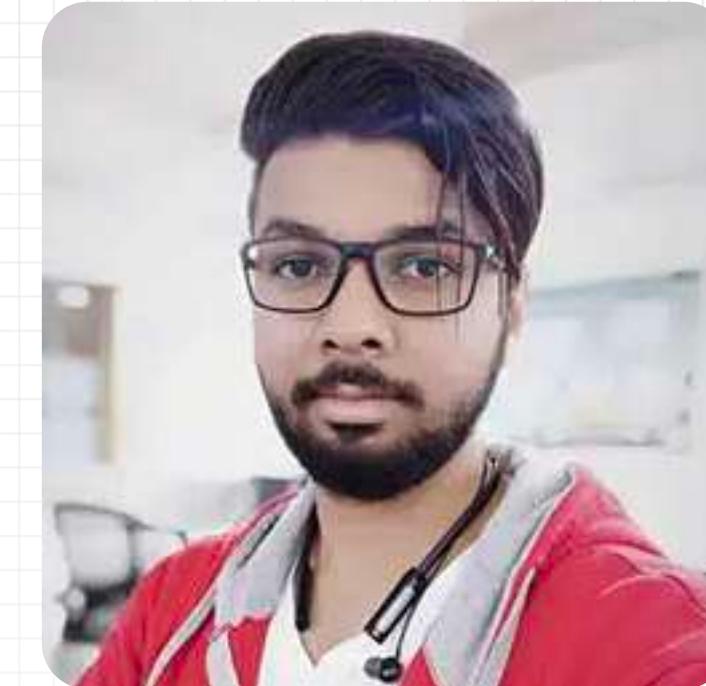
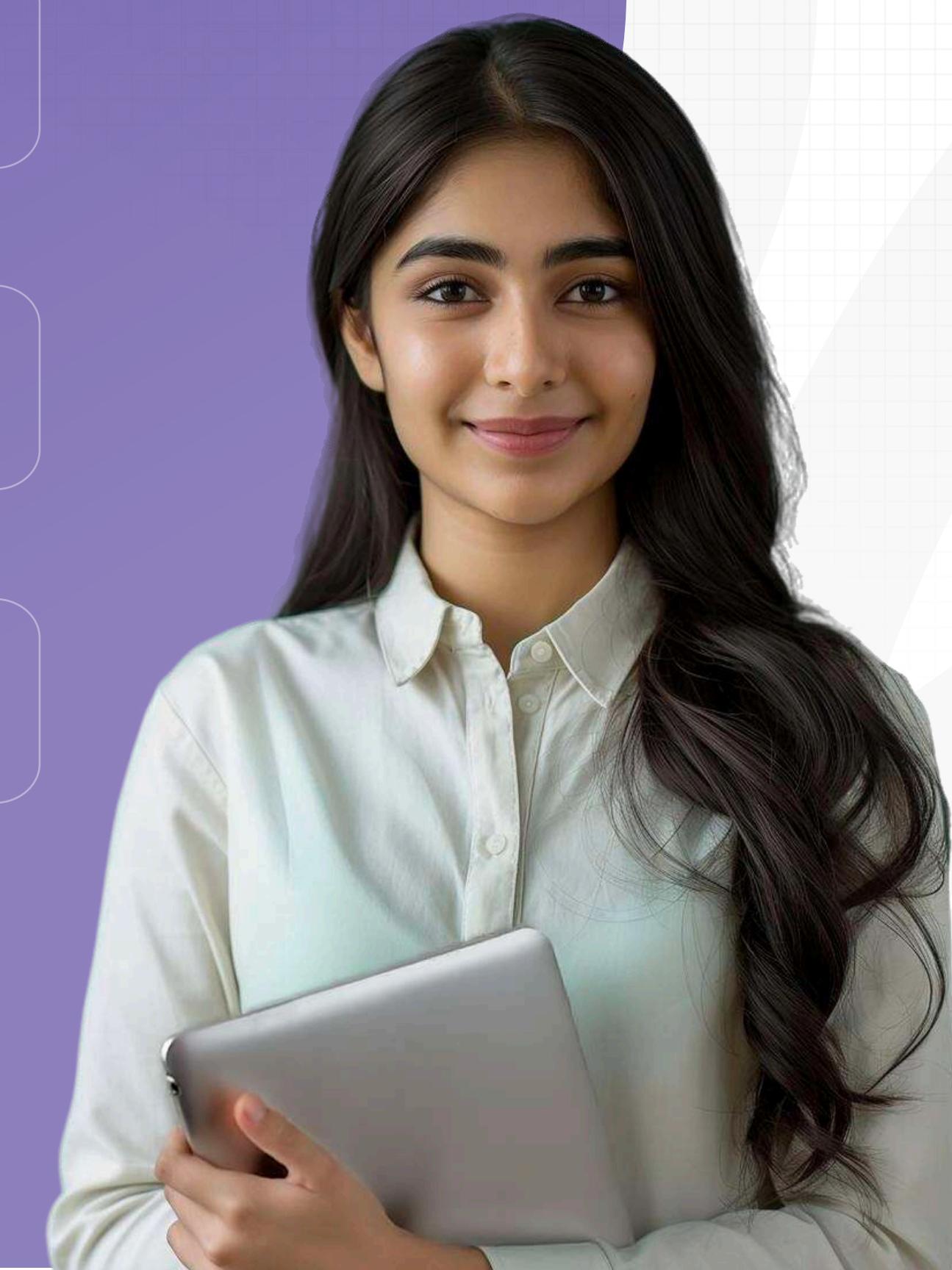
## Document Upload

Upload supporting documents & submit your application.

## University Approval

The university will evaluate your documents to confirm your admission.

**Enroll Now**



“

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.

”

- Dhananjay



# Your Degree



# Placement Assistance

**25,000+**

Learners offered placement assistance

**20,000+**

Opportunities created

**500+**

Hiring partners

**1,000+**

Industry-readiness videos, live sessions

## Upskilling & Certifications

Boost your career opportunities by building in-demand skills and earning recognized certifications.

## Industry Interaction

Live industry interaction sessions to connect learners to experts who share real world insights & experiences, career tips, and current industry trends. These interactions are aimed at equipping learners with relevant skills to become job ready.

## Self-pace Learning

Learn anytime, anywhere, with our recorded modules focused on improving verbal & communication skills, resume writing & professional etiquette development, and practical knowledge on trending tools.

## Employability Skill Assessment

Identify your strengths and weaknesses through skill assessment and build competencies to improve your employability quotient.

## Ai-powered Placement Portal

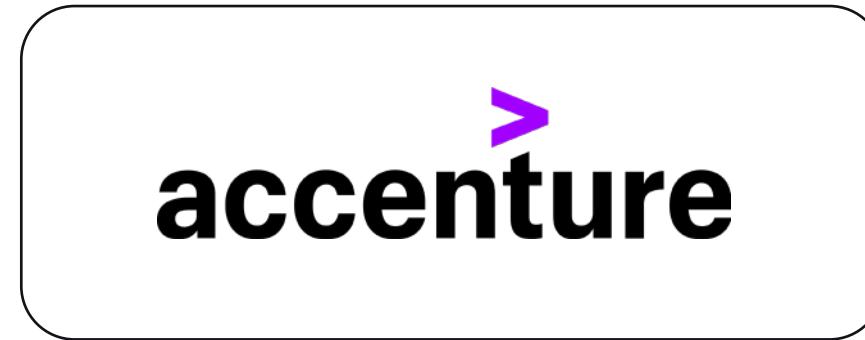
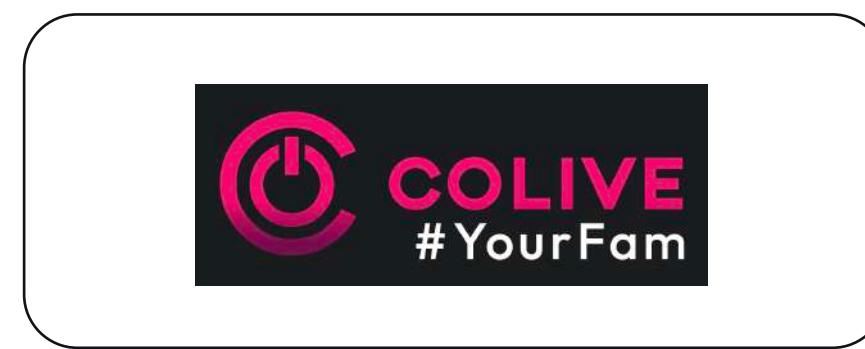
Online Manipal's cutting edge AI-powered placement portal allows learners to prepare for interviews and apply for job opportunities. With unlimited mock interviews, learners can practice anytime, as often as they need—while receiving instant feedback and recommendations.

## Placement Drives & Job Fairs

Kickstart your career through a myriad of opportunities that connect you with recruiters across industries. Explore multiple job roles, attend interviews, and engage with hiring teams.



# Our Recruiters





**Online MANIPAL**

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**OnlineManipal.com**