



Online MANIPAL

Master The Art Of Mathematical Thinking

# Master of Science in Mathematics

(Online MSc Maths)



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## Eligibility

- Candidate must have a BSc degree or 10+2+3/4 years equivalent Bachelor's Degree with Mathematics as a subject from a recognized University/Institution as recognized by Association of Indian Universities (AIU) or other competent body.
- Candidates who have completed 10+2 education or graduate level education outside India must produce a certificate of equivalence issued by the Association of Indian Universities.

## Duration

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

## Career prospects

- Data Scientist
- Statistician
- Operations Research Analyst
- Researcher
- Teacher/Professor
- Quantitative Analyst
- Financial Analyst
- Cryptographer
- Computational Scientist

## Master of Science in Mathematics

# Online MSc

Pursue advanced knowledge in pure and applied mathematics with this MSc program. Designed for aspiring researchers, educators, and analysts, this program builds strong theoretical foundations and practical skills for impactful careers in academia, data science, and beyond.



# Master of Science in Mathematics Fees

Nationals	Semester Fee	Full Course Fee
Indian Nationals	INR 20,000	INR 80,000
African Nationals	USD 255	USD 1,020
Non-Resident Indians	USD 290	USD 1,160
Other Nationals	USD 335	USD 1,340

A non-refundable additional application fee of INR 500 to be paid by Indian, Nepalese, Bhutanese, Bangladeshi, and Sri Lankan students.

Applicants from Nepal, Bhutan, Bangladesh, and Sri Lanka are required to pay their fees in Indian Rupees (INR)



# 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



# 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.

**15+**  
Years of educational  
excellence

**100,000+**  
Online Learners

**20,000+**  
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



Member of ACU

RANK 58



Amongst India's Top 100  
Universities in 2025

RANK 222



Amongst South Asia's Top 200  
Universities (2026)

RANK 2



Amongst Top 20 Private & Deemed  
Multidisciplinary Universities in India  
(2025)

RANK 7



Amongst Top 10 Private Distance  
& Online Institutions in India (2025)

RANK 9



Amongst India's Top 10  
Universities (Management) 2024

RANKED 301-400



Amongst Top 400 Universities  
(2025)

# The Right Step For The Right Future

## World Class Education

Access UGC-entitled online degrees from a NAAC A+ accredited university with 15+ 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.

# Online MSc in Mathematics

# Program Structure

## First Semester

- ◆ Advanced Linear Algebra
- ◆ Mathematical Analysis
- ◆ Advanced Differential Equations
- ◆ Advanced Complex Analysis
- ◆ Topology-I
- ◆ Dynamics of a Rigid Body

## Second Semester

- ◆ Partial Differential Equation
- ◆ Optimization Theory and Techniques
- ◆ Functional Analysis
- ◆ Measure Theory & Integration
- ◆ Research Methodology & Technical Writing
- ◆ Seminar

## Third Semester

- ◆ Fluid Dynamics
- ◆ Special Functions
- ◆ Integral Equations and Calculus of Variations
- ◆ Theory of Field Extensions
- ◆ 2 subjects from chosen elective group

## Fourth Semester

- ◆ Project
- ◆ 2 subjects from chosen elective group

- ◆ Elective subjects in 3rd semester and 4th semester carry 3 credits each
- ◆ Seminar during the second semester carries 2 credits
- ◆ Project during the final semester carries 10 credits
- ◆ Core subjects carry 3 or 4 credits each

**Note:** 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 Mathematics

- ◆ Fuzzy Sets & Their Applications
- ◆ Mechanics of Solids

### 02 Data Science

- ◆ Fundamentals of Data Science
- ◆ Machine Learning

### 03 Computational Science

- ◆ Theory of Computation
- ◆ Simulation and Modelling

### 04 Econometrics

- ◆ Mathematics for Economists
- ◆ Econometrics Applications

## Fourth Semester

- ◆ Mathematical Statistics
- ◆ Linear Models

- ◆ Data Visualization
- ◆ Business Analytics

- ◆ Quantum Computing
- ◆ Natural Language Processing (Deep Learning)

- ◆ Econometric Methods
- ◆ Bayesian Econometrics

◆ Note: 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.

# 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



## E-content



## Interactive Material



## Discussion Forums



# 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 re appear 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.

[Apply Now](#)

Prospectus 2026-27 • Program-MSc Maths



# 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

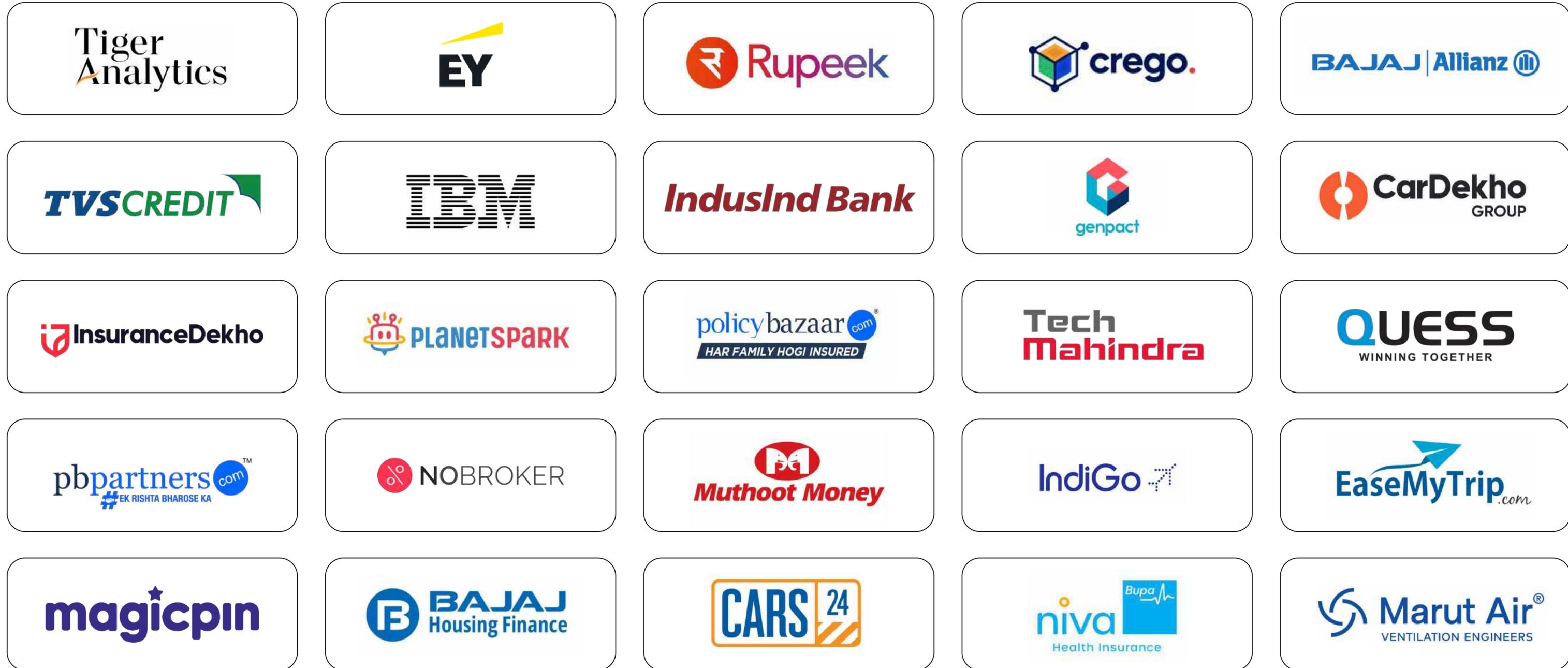
Online Manipal's cutting edge AI-powered placement portal allows learners to prepare for interviews and apply for job opportunities. With unlimited mock interviews, learners can practice anytime, as often as they need—while receiving instant feedback and recommendations.

## 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





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

**Online MANIPAL**

**Manipal University Jaipur**

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