

Discover the Future of Learning

# Master Of Computer Applications



# 2026-27

**JULY 2026 ACADEMIC SESSION**



# Recognition and Rankings



 **Globally No. 1**  
in Class Experience



**UGC**  
Entitled

ज्ञान-विज्ञान विमुक्तये



**AICTE**  
Approved



**NAAC A++**  
Accredited



**Rank 96**  
in 2025

## Knowledge Partners :



**HARVARD BUSINESS  
PUBLISHING**



# THE MANAV RACHNA UNIVERSE

Manav Rachna Educational Institutions (MREI) is one of the premier names in higher professional education, with a diverse and dynamic spectrum of activities. The name actively promulgates life as an expedition of intellectual and individual discovery through highly innovative and flexible horizons. The Institutions comprise of 5 entities, a Deemed University, a State University, a Dental College and K-12 Schools



## MANAV RACHNA: A LEGACY OF EXCEPTIONAL LEARNING

Manav Rachna Educational Institutions are the brainchild of Dr. O P Bhalla, an educationist, and a philanthropist. Founded in 1997, MREI is a visible symbol of knowledge & experience providing high-quality education in various fields. The institutions have over 43,000+ alumni base, 600+ reputed MNCs & Indian Corporate patronizing MREI, 250+ Patents (filed/granted), 135+ global academic collaborations, and 80+ Alumni & In Campus start-ups, 20 are the countries from which Manav Rachna students arrive, 5900+ Research papers in International/ National Journals and Conferences. Institutions at MREI comprise Manav Rachna University (MRU), Manav Rachna Dental College (MRDC) and Manav Rachna International Institute of Research & Studies (MRIIRS).





# MCA Programme

## ABOUT MANAV RACHNA ONLINE

Manav Rachna Online has been launched under Manav Rachna International Institute of Research and Studies (NAAC 'A++' Grade Accredited Institution) to provide quality education to those students who are not able to draw benefits from conventional systems of Education. Ten programmes in different streams namely Computer Applications, Management, Commerce, Business Administration, English and Economics will be offered by University in online mode with specialization in different domain such as Healthcare, Business Analytics, Data Science, Banking and Finance, Artificial Intelligence, Cyber Security Digital Marketing, Blockchain and many more. In today's opportunistic world, specialized education is essential for successful professional life. Manav Rachna Online has collaborated with prominent industry partners to provide global career opportunities to the students and acquaint the students with the increased technology intensive requirement of today's time.

## MASTER OF COMPUTER APPLICATIONS- ONLINE

MRIIRS is offering UGC and AICTE-approved MCA Online Degree Programme at the Manav Rachna Online.

“Master of Computer Applications” at the “Manav Rachna Online” provides a multidisciplinary approach for students to shape their careers inside and outside their domain of education and to meet the evolving needs of society. The commitment of multidisciplinary education is to broaden the participation of students in higher education and leads to a more diverse community. In a multidisciplinary approach, students are inspired to select diverged courses from different disciplines to expand their knowledge, discover themselves through creative thinking and learn the skills of collaboration.

The online programme will help the students to achieve an academic degree along with flexibility and relaxation. This online programme holds equal academic value to an on-campus degree and helps students in developing themselves in an industry ready as equivalent to a conventional degree. Students can perfectly reshape their careers and future through impeccably designed online programmes.

A renowned faculty, advanced curriculum, and technology-driven content delivery lead to the successful implementation of the online programmes.

We have collaborated with the digital leader and industry partner namely Microsoft which provides digital components and an industry-based curriculum to our programme. The knowledge partner will be a mentor and provides certification and resources for the delivery of the courses. Our courses have been designed to meet the needs of the market, ensuring our students receive the most updated education possible.

## CAREER OPPORTUNITIES

- Software Developer
- Web Developer
- Data Scientist
- Database Administrator
- Data Analyst
- Ethical Hacker

A learner can also go into the research field or can opt for Ph.D or fellowship programme. Apart from this, there are some specialized certificate courses that a student can choose for addition career options or knowledge enhancement. There is a huge scope in the field of MCA. One can do a job or can go for higher studies after the completion of course or opt for self-employment too.

## SPECIALIZATIONS OFFERED

1. General
2. Artificial Intelligence & Data Science
3. Cyber Security & Block Chain
4. Full Stack Development & DevOps

## MAJOR COURSES OFFERED

- Python Programming
- Web Designing
- Computer Graphics
- Android Application Development
- E- Commerce Technologies
- R Programming
- Azure Data Fundamentals
- Azure AI Fundamentals
- Azure Fundamentals
- Network Security and Cryptography
- Database Administration
- Azure Database Administrator Associate
- Azure Developer Associate
- Security Operations Analyst Associate
- Data Mining & Warehousing
- Azure Data Engineer Associate
- Azure AI Engineer Associate
- Azure Security Engineer Associate





# KEY HIGHLIGHTS



## WHY CHOOSE MANAV RACHNA ONLINE?

- User-friendly Learning Management System
- Guided Mentorship with emotional connect
- Rigorous Assessment System
- Career advancement opportunity
- Customized curriculum designed as per industry needs
- Career Guidance by Industry Experts
- Value Addition by International Experts and Renowned luminaries
- Interactive Live Lectures
- Reservoir of pre-recorded video lectures by highly qualified faculty
- Peer Group Learning
- Hands-on Learning

## HIGHLIGHTS

- The course contents have been designed to improve learners' analytical thinking and problem solving skills.
- Learners will be prepared for a global career in computing by enriching the curriculum with a blend of theory and practice.
- Highly qualified and experienced faculty members/academicians strive for giving academic and industrial exposure to nurture the very best and highly competent professionals.
- The course contents have been designed to succor learners to thrive their analytical thinking & problem- solving skills.

## WHY ENROLL FOR MANAV RACHNA ONLINE DEGREE?



Free Access to LinkedIn Learning



12X7 Student Facilitation Center



Live & Recorded Lectures



Access to E-Books & E-Library



12X7 IT Support



Academics



# OVERVIEW & STRUCTURE

## Semester 1

- Research Innovation Catalyst-I
- Linear Algebra & Statistical Techniques
- Data Structures
- Object oriented programming in Java
- Python Programming
- Data Structures Lab
- Object oriented programming in Java Lab
- Python Programming Lab
- Placement Competency
- Enhancement -I
- Fundamentals of Computer
- Programming
- Elements of Mathematics

## Semester 2

- Research Innovation Catalyst-II
- Data Communications
- Analysis & Design of Algorithm
- Introduction to Artificial Intelligence
- Vocational Training/ Project
- R Programming Lab
- Android Application Development Lab
- Placement Competency Enhancement-II

## Semester 3

- Research Innovation Catalyst-III
- Data Mining and warehousing
- Software Engineering & Testing
- Operations Research
- Big Data Analytics

## Semester 4

- Introduction to .NET
- Advanced Java
- Introduction to .NET Lab
- Advanced Java Lab

## FEE STRUCTURE

### Domestic Fee Structure

| Course | Semester wise Fee                           | Year wise Fee                           | Lumpsum       |
|--------|---|---|---------------|
| MCA    | ₹ 35,000 /-<br>(Only for 1st Semester)      | ₹ 65,000 /-<br>(Only for 1st Year)      | ₹ 1,20,000 /- |
|        | ₹ 35,000 /-<br>(For the remaining Semester) | ₹ 65,000 /-<br>(For the remaining year) |               |

### EMI OPTIONS

|   |   |  |
|---|---|--|
| 24 Months EMI<br>₹ 5,000/-<br> | 18 Months EMI<br>₹ 6,667/-<br> | 12 Months EMI<br>₹ 10,000/-<br> |
|---|---|--|

### International Fee Structure

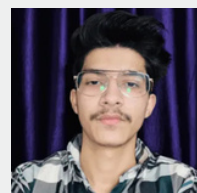
| Course | Semester wise Fee | Year wise Fee | Total Fee  | Lumpsum    |
|--------|-------------------|---------------|------------|------------|
| MCA    | \$ 500 /-         | \$ 1000 /-    | \$ 2000 /- | \$ 1900 /- |

## Student Testimonials



**DEVESHI MANI TRIPATHI**  
BCA SEMESTER IV

The courses are designed to be industry-relevant and are regularly updated to reflect current trends and advancements. The faculty at MRIIRS are highly qualified and bring a wealth of experience to the class through Swayam portal. They are not only experts in their respective fields but also approachable and supportive mentors. Their commitment to student success is evident through their engaging teaching methods and availability for guidance outside of class hours. Overall, my time at MRIIRS has been enriching and rewarding, laying a strong foundation for my professional and personal development.



**DIVYNASH BHARDAWAJ**  
BBA DIGITAL MARKETING

Enrolling in BBA Digital Marketing at Manav Rachna Online turned out to be a career-defining move. The program's flexibility allowed me to learn at my own pace without sacrificing my professional responsibilities. The practical skills and industry insights gained have directly affected my professional effectiveness, under the guidance of your experienced faculty members. Moreover, I would highly recommend MRO to my younger ones since it has a lot to offer in terms of both academics and value addition.



# INDUSTRY CONNECT

## KNOWLEDGE PARTNER

Microsoft, Unity, Cisco, IBM, Adobe, Meta, IT Specialist, Autodesk.

- Learner will be provided the Microsoft Cloud Subscription.
- Student will get the knowledge of Virtualization Technologies, network Configurations etc.

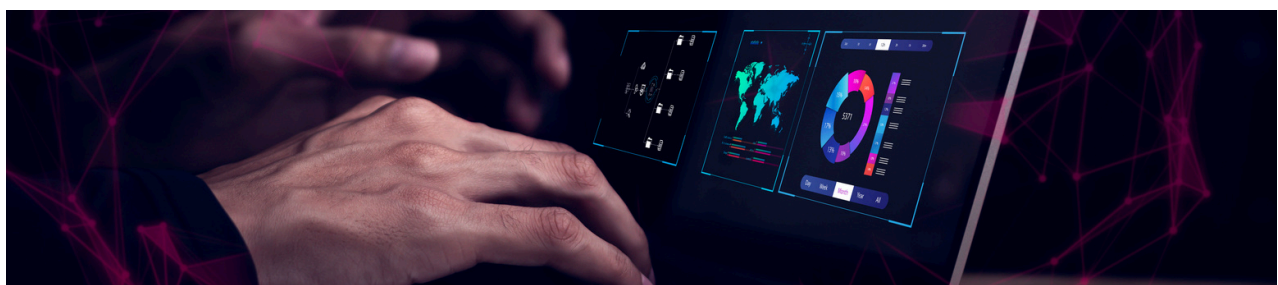
## KEY BENEFITS FROM KNOWLEDGE PARTNER (MICROSOFT)

- Get real life experience through interactive lab sessions.
- Learner will get Industry- recognized Course Completion Certificated.

## TOOLS & TECHNOLOGIES COVERED

- NoSQL Databases
- Hadoop
- PySpark
- MapReduce
- Apache
- Scala
- Python
- Spark SQL
- MongoDB
- Azure

## CORPORATE CONNECTS & POTENTIAL



# REACH US AND KICKSTART #YOURGROWTHSTORY

Manav Rachna Campus,  
Sector - 43, Delhi-Surajkund Road, Faridabad - 121004, Haryana, India,

### Contact Us At:

- +91-7042 228 451
- admission@manavrachnaonline.edu.in
- [www.manavrachnaonline.com](http://www.manavrachnaonline.com)

### Connect Us At:



# Manav Rachna Online CERTIFICATE PROGRAMS

Elevate your Professional Journey and  
Learn in-demand Skills from Professionals.

## Certificate Programs for Management Aspirants

– Accelerate Your Business Career

Manav Rachna Online offers a comprehensive MBA program designed to equip you with the business acumen and leadership skills needed to succeed in today's competitive marketplace. To further enhance your expertise, we also offer specialized Short Development Programmes to give you an edge in key business areas.



### Certification in Strategic HR Management

Build strategic capabilities and transform yourself into an HR leader. This certification focuses on advanced HR strategies, leadership development, and organizational change to equip you with the skills needed to drive human resource success at a strategic level.



### Certification in Advanced Marketing Management

Stay ahead in marketing by mastering integrated strategies, brand storytelling, and consumer psychology. Leverage AI and analytics for impactful campaigns. This certification equips you with data-driven skills to excel in the evolving marketing landscape.



## Certificate Programs for IT Aspirants

– Transform Your IT Career



### Certification in Cyber Security

Build a strong defense against the evolving digital threat landscape with this comprehensive certification. Gain essential skills to identify vulnerabilities, secure web applications, and protect sensitive data using industry-relevant tools and techniques.



### Certification in Data Intelligence

This certification will teach you how to manage scalable cloud infrastructures and implement DevOps practices to improve collaboration and automation

[To Know More](#)



# Certificate Programs for Dental Aspirants

## Elevate Your Dental Career



### Certificate in Dental Practice Management and Marketing

This certification is designed to equip dental professionals with practical knowledge and strategies to effectively manage and grow their clinics. It focuses on clinic branding, digital outreach, and efficient practice management. More than just a course, it serves as a pathway to expanding professional opportunities, strengthening practice visibility, and achieving long term success in the dental field.



### Certificate in Medico Legal Science

This certification goes beyond traditional learning by focusing on Consumer protection Act and dentistry, Code of ethics for dentists, documentation, and Legal aspects of digital dentistry and tele-consultation. More than just a course, it serves as a pathway to ensuring legal compliance, minimizing professional risks, and building a safe, ethical, and trustworthy dental practice.



### Certificate in Artificial Intelligence in Dentistry

This certification goes beyond traditional learning by focusing on AI-driven diagnostics, treatment planning, data analysis, and digital transformation in dentistry. More than just a course, it serves as a pathway to enhancing clinical precision, improving patient outcomes, and unlocking new professional opportunities in the future of dental care.



[To Know More](#)

