

Discover the Future of Learning

Master Of Computer Applications



2025-26

JULY 2025 ACADEMIC SESSION



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 41,000+ alumni base, 600+ reputed MNCs & Indian Corporate patronizing MREI, 250+ Patents (filed/granted), 120+ global academic collaborations, and 80+ Alumni & In Campus start- ups, 13 are the countries from which Manav Rachna students arrive, 2800+ 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).



DIRECTOR'S PROFILE

Prof. (Dr.) Shaveta Bhatia

Director-CDOE Dr. Shaveta Bhatia serves as the Professor and Director, Centre for Distance and Online Education. A seasoned higher educator, Dr. Shaveta specialises in Mobile Computing, Web Applications, Data Mining, and Software Engineering while guiding research scholars in these areas. With over 20 years of academic and research experience, Dr. Shaveta has contributed immensely to the field of higher education. Her excellence is evident in her accomplishments as a member of several professional bodies like ACM, IAENG and CSI, and her active participation in various National and International Conferences. There are more than 50 publications to her credit in reputed National and International Journals and Conferences, with three successfully published books and two patents in her title. Additionally, Dr. Shaveta serves as a member of numerous editorial boards of highly indexed journals. For her outstanding contribution to her work and education, Dr. Shaveta has been awarded the Dr. Kalam Educator Excellence Award, 2022-23 by Dr. Kalam International Foundation. Besides, she has been recognised with the Teachers Excellence Award-2023 by the International Institute of Organised Research, MSME, Government of India.





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

- General
- Artificial Intelligence and Data Science
- Cyber Security and Block Chain
- Cloud Computing & IoT
- 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	₹39,499 /- (Only for 1st Semester)	₹ 62,499 /- (Only for 1st Year)	₹ 1,10,739 /-
	₹27,000 /- (For the remaining Semester)	₹50,000 /- (For the remaining year)	

International Fee Structure

Course	Year wise Fee	Total Fee	Lumpsum
MCA	\$1,000.00	\$2,000.00	\$1,900.00

EMI OPTIONS

24 Months EMI

₹ 4,614



12 Months EMI

₹ 9,228



18 Months EMI

₹ 6,152

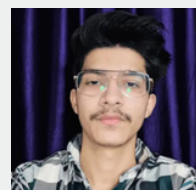


Student Testimonials



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.

Manav Rachna Online

SHORT DURATION PROGRAMS (SDP)

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

Short Duration 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.



Short Duration Programs for IT Aspirants

– Transform Your IT Career



Certification in Cloud Computing & DevOps

Leverage the power of cloud technologies and streamline your workflows with DevOps. This certification will teach you how to manage scalable cloud infrastructures and implement DevOps practices to improve collaboration and automation in software development.



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](#)





INDUSTRY CONNECT

KNOWLEDGE PARTNER

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

KEY BENEFITS FROM KNOWLEDGE PARTNER (MICROSOFT)

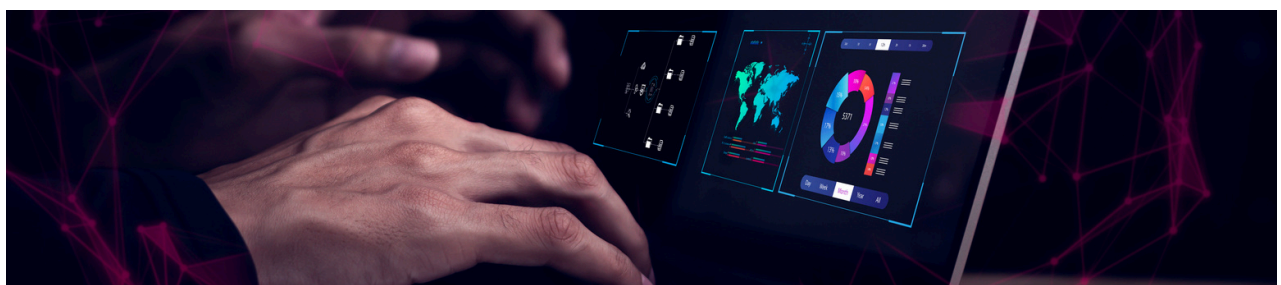
- Get real life experience through interactive lab sessions.
- Learner will get Industry- recognized Course Completion Certificated.

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

TOOLS & TECHNOLOGIES COVERED

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

CORPORATE CONNECTS & POTENTIAL



REACH US AND KICKSTART #YOURGROWTHSTORY

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