



UGC
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DISCOVER THE FUTURE OF LEARNING



MASTER OF COMPUTER APPLICATIONS

ACADEMIC SESSION
JULY 2023



MANAV RACHNA
CENTRE FOR DISTANCE
AND ONLINE EDUCATION

www.manavrachnaonline.com





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



DIRECTOR'S PROFILE

Lt. General (Dr.) R K Anand
Director- Centre for Distance and Online Education

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 37,000+ alumni base, 600+ reputed MNCs & Indian Corporate patronizing MREI, 535+ Patents (filed/granted), 86+ global academic collaborations, and 80+ Alumni & In Campus start-ups, 13 are the countries from which Manav Rachna students arrive, 8500 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).

Prof (Dr.) Lt. General R K Anand, PVSM, AVSM, SM, VSM is a professional with four decades of experience in Infrastructure Development, Human Resource Management, Communication Systems, Data Networks and Cyber Security.

He has created and nurtured institutions in Technology, Medicine, Hospitality and Fashion Design in various parts of the country. He has done extensive work on operational research and logistics management. Prof. Anand is an MBA in Operational Research and Business Administration from Osmania University. He is an M.Phil in Strategic Studies from Madras University with an M.Tech in Communication Engineering from IIT Delhi. He has also done his Ph.D. in Cyber Security studying the impact of Cyber threat on high intensity organisations.



ABOUT CENTRE FOR DISTANCE AND ONLINE EDUCATION (CDOE)

Manav Rachna Centre for Distance and Online Education 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. Nine 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 Centre for Distance and Online Education 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 Centre for Distance and Online Education.

"Master of Computer Applications" at the "Manav Rachna Centre for Distance and Online Education" 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

- Cloud Computing and Internet of things
- Artificial Intelligence and Data Science
- Cyber Security and Block Chain
- Full Stack Development and DevOps
- Mobile Computing and Networking
- Multimedia and Gaming with AR VR

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 CENTRE FOR DISTANCE AND ONLINE EDUCATION?

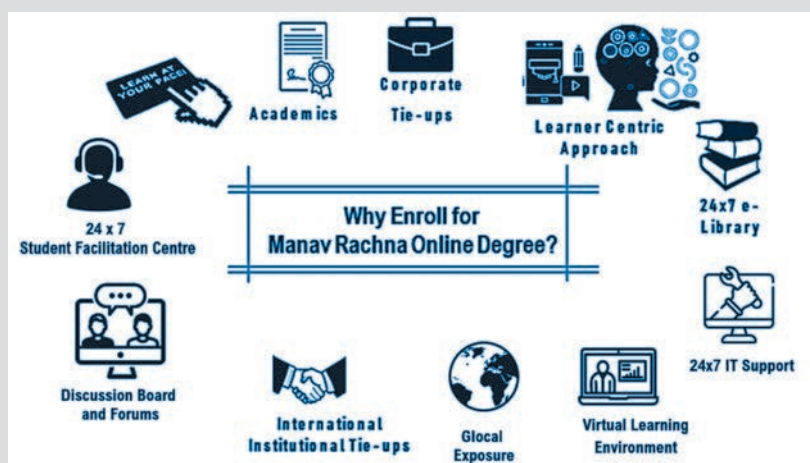
- User-friendly Learning Management System
- Guided Mentorship with emotional connect
- Rigorous Assessment System
- Career advancement opportunity
- Customized curriculum designed as per industry needs
- Career Guidance by Industry Experts
- Value Addition by International Experts and Renowned luminaries
- 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 succour learners to thrive their analytical thinking & problem-solving skills.

WHY ENROLL FOR MANAV RACHNA ONLINE DEGREE?



KNOWLEDGE PARTNER



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
- MapReduce
- Python

- Hadoop
- Apache
- Spark SQL
- PySpark
- Scala
- MongoDB
- Azure

CORPORATE CONNECTS & POTENTIAL RECRUITERS



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CENTRE FOR DISTANCE AND ONLINE EDUCATION

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