UNCOVER THE SECRETS OF CENTRE FOR DISTANCE AND ONLINE EDUCATION

MASTER OF COMPUTER APPLICATIONS

ACADEMIC SESSION 2022-23

MANAV RACHNA CENTRE FOR DISTANCE AND ONLINE EDUCATION

www.manavrachnaonline.com
MANAV RACHNA EDUCATIONAL INSTITUTIONS (MREI) IS ONE OF THE LEADING NAMES IN HIGHER PROFESSIONAL EDUCATION, WITH A DYNAMIC SPECTRUM OF ACTIVITIES. THE NAME ACTIVELY PROMOTES LIFE AS A JOURNEY OF INTELLECTUAL AND PERSONAL DISCOVERY THROUGH HIGHLY INNOVATIVE AND FLEXIBLE HORIZONS. THE INSTITUTION COMPRISSES 15 ENTITIES, A DEEMED UNIVERSITY, A STATE UNIVERSITY, A DENTAL COLLEGE AND K-12 SCHOOLS.

THE MANAV RACHNA UNIVERSE

Manav Rachna Educational Institutions are the brainchild of Dr. O P Bhatta, 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 34,000+ alumni base, 600+ reputed MNCs & Indian Corporate patronising MREI, 535+ Patents (filed/granted), 60+ global academic collaborations, and 80+ Alumni & In Campus start-ups. 13 are the countries from which Manav Rachna students arrive, 7800 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 (MRRIRS). MREI also has twelve K-12 schools across the country.

DIRECTOR’S PROFILE

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

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):

The ultimate touchstone of quality education is the quality culture permeating in any educational institution. In today’s world of digitization, technical education stands at the crossroads of keeping pace with the emerging needs of humankind along with fast changing trends in governance and scientific development.

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. Seven programmes in different streams namely Computer Applications, Management, Commerce, Business Administration 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 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 prepare the students to acquire the increased technology intensive needs of today.

In addition, Manav Rachna Online Education provides Multi-disciplinary approach for the students to shape their career inside and outside their domain of education and to meet the evolving needs of the society. The commitment of Multi-disciplinary education is to broaden the participation of student in higher education and leads to a more diverse community.

The renowned faculty, cutting-edge advanced curriculum, technology driven and a remarkable content delivery leads to the successful implementation of online programmes.

MASTER OF COMPUTER APPLICATIONS - ONLINE

Manav Rachna is offering UGC and AICTE Approved MCA Online degree programme at the Centre for Distance and Online Education.

“Master of Computer Applications” at “Manav Rachna Centre for Distance and Online Education” provides Multi-disciplinary approach for the students to shape their career inside and outside their domain of education and to meet the evolving needs of the society. The commitment of Multi-disciplinary education is to broaden the participation of student in higher education and leads to a more diverse community. In Multi-disciplinary approach, students are inspired to select 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 on-campus degree and help students in developing themselves into industry ready as equivalent to a conventional degree. Students can perfectly reshape their career and future through impeccably designed online programmes.

The renowned faculty, cutting-edge advanced curriculum, technology driven and a remarkable content delivery will be helpful in the successful implementation of online programmes.

We have collaborated with the digital Leaders and Industry partner namely Microsoft that provides digital component and industry based curriculum to our programme. These knowledge partners will be mentors and provides resources for delivery of the courses. Our courses have been designed to meet the needs of the market.

ELECTIVES:

a. Data Science and Big Data Analytics
b. Cyber Security
c. Artificial Intelligence and Machine Learning
HIGHLIGHTS

- The programme nurtures competent professionals through real-life projects and thereby fosters continuous learning amongst learners.
- 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 allow learners to improve their analytical thinking and problem-solving skills.

KEY BENEFITS FROM KNOWLEDGE PARTNER (MICROSOFT)

- Gain skills on new project-based testing.
- Learn in-demand skills such as deep learning, NLP, Reinforcement Learning, work on many industry projects & multiple programming tools.
- Placement assistance, Internship opportunities.
- Engage in collaborative real-life projects, dedicated mentorship, & access to upGrad’s career assistance resources by experts.
- Enriched digital learning experience for learners to maximize their engagement and learning.

TOOLS AND TECHNOLOGIES COVERED

NoSQL Databases
MapReduce
Python
Hadoop
Apache
Spark SQL
PySpark
Scala
MongoDB
Azure
Hive
YARN Tools
Data Governance
KEY HIGHLIGHTS

- Friendly LMS System
- Guided Mentorship
- Rigorous Assessment System
- Career advancement opportunity
- Customized curriculum designed as per industry needs
- Counseling Sessions, Regular Assessments and Progress Monitoring
- Lectures/Workshops by Industry Experts

OTHER HIGHLIGHTS

World Class Learning Technology:
- Virtual Learning Environments (VLEs)
- Discussion Boards and Web Forums
- Real-time video conferencing and collaboration tools
- Video streaming services like YouTube/Vimeo
- Projects/Collaboration work on GitHub

RECOGNIZED AMONGST THE TOP

- Rated in ‘Overall’ Category (Rank Band- 150 to 200) by NIRF India Rankings 2021

CORPORATE CONNECTS