

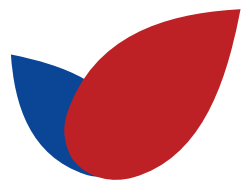
Discover the Future of Learning

Bachelor 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.





BCA 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.

BACHELOR OF COMPUTER APPLICATIONS- ONLINE

MRIIRS is offering UGC approved BCA Online Degree Programme at Manav Rachna Online.

"Bachelor of Computer Applications" at "Manav Rachna Online" 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 lead to a more diverse community.

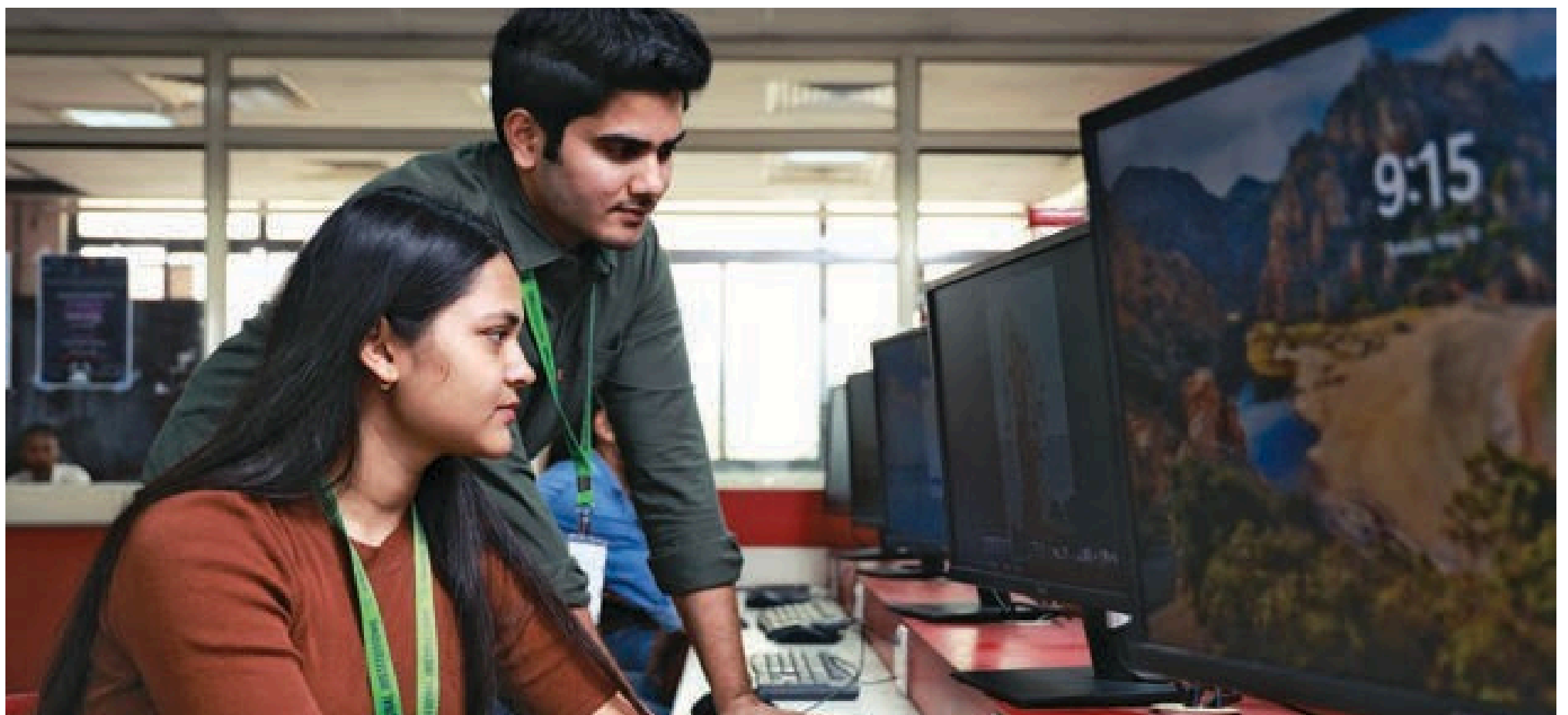
We have collaborated with the digital leader and industry partner namely Microsoft which provides digital components and an industry-based curriculum to our programme. The knowledge partner will be a mentor and provides certification and resources for the delivery of the courses. Our courses have been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

SPECIALIZATIONS OFFERED

- Data Science and Big Data Analytics
- Cyber Security
- Artificial Intelligence and Machine Learning

MAJOR COURSES OFFERED

- Web Application Development
- Database Management System
- Software Engineering
- Internet Technologies Data Structures Programming in Java
- Operating System Shell Programming C Programming
- Object Oriented Programming using C++
- Multimedia and Animation
- Information Security
- Object Oriented Analysis and Design Security of Information system Programming in .Net
- Python Programming
- Data Communication and Networking
- Relational Database Management system





HIGHLIGHTS & KNOWLEDGE PARTNERS



HIGHLIGHTS

- Bachelor of Computer Applications (BCA) is designed to give students the modern core knowledge they need to understand how to apply technology to effectively solve practical and industrial challenges.
- The curriculum of the course instils professionalism, social awareness, and communication skills to work as a team in managing various surroundings for the benefit of society.
- The main goal of this programme is to promote creativity and inventive thinking by addressing design and developmental trade-offs in the IT industry and offering a real-time solution as a means of lifelong learning.

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.
- Student will get the understanding of Azure Machines and Virtual networking.

TOOLS AND TECHNOLOGIES COVERED

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

WHY ENROLL FOR MANAV RACHNA ONLINE DEGREE?



Free Access to LinkedIn Learning



12X7 Student Facilitation Center



Live & Recorded Lectures



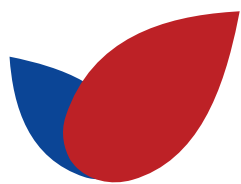
Academics



Access to E-Books & E-Library



12X7 IT Support



OVERVIEW & STRUCTURE

Semester 1

- Elements of Mathematics
- Introduction to IT & Programming in C
- Web Technologies
- Database Management System
- C Programming Lab
- Web Technologies Lab
- Database Management System Lab
- Indian Knowledge System
- Placement Competency Enhancement – I

Semester 2

- Mathematical Foundation of Computer Science
- Data Structures using C
- Object Oriented Programming using Java
- Data Structures Lab
- Object Oriented Programming using Java Lab
- Environmental Studies
- Digital Editing & Motion Graphics
- Placement Competency Enhancement- II

Semester 3

- Digital Logic and Computer System Architecture
- Python Programming
- Software Engineering
- Python Programming Lab
- Minor Project- I
- Universal Human Values
- Foreign Language
- Research Innovation Catalyst I
- Placement Competency Enhancement- III

Semester 4

- Numerical Analysis and Statistical Techniques
- Operating System
- Operating System Lab
- Introduction to Data Science/Fundamentals of Artificial Intelligence & Machine Learning/ Introduction to Cyber Security, Cyber laws & Act
- Foreign Language
- Research Innovation Catalyst II
- Placement Competency Enhancement-IV
- Sports & Yoga

Semester 5

- Computer Networks
- Computer Graphics
- Computer Networks Lab
- Computer Graphics Lab
- Data Visualization Using Python/ Introduction to Block Chain/ Full Stack Development
- Data Warehousing & Data Mining/ Fundamental s of Open-Source Software/ System Programming
- Research Innovation Catalyst III

Semester 6

- Cloud Computing/ Soft Computing
- Mobile Application Development/ Advanced Web Technologies
- Digital Image Processing/ Mobile Computing/ Ethical Hacking
- Cloud Computing Lab/ Soft Computing Lab
- Digital Image Processing Lab/ Mobile Computing Lab/ Ethical Hacking Lab
- Major Project

FEE STRUCTURE

Domestic Fee Structure

Course	Semester wise Fee	Year wise Fee	Lumpsum
BCA	₹ 30,000/-	₹ 55,000 /-	₹ 1,51,400 /-

International Fee Structure

Course	Year wise Fee	Total Fee	Lumpsum
BCA	\$1,000.00	\$3,000.00	\$2,850.00

EMI OPTIONS

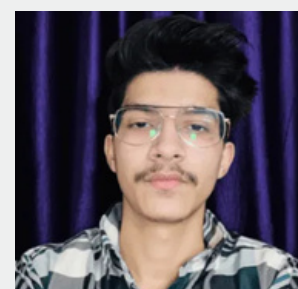
24 Months EMI ₹ 6,308	12 Months EMI ₹ 12,617	18 Months EMI ₹ 8,411
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Student Testimonials



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.



KEY HIGHLIGHTS

KEY HIGHLIGHTS

- User-friendly Learning Management System
- Guided Mentorship with emotional connect
- Rigorous Assessment System
- Career advancement opportunity
- Customized curriculum designed as per industry needs
- Counseling Sessions, Regular Assessments and Progress Monitoring.
- 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

BCA is a job-oriented programme that helps students to pursue their career in the following job profiles:

- System Analyst
- Web Developer
- Data Scientist
- System Administrator
- Data Analyst
- E-Commerce Executive
- Ethical Hacker



CORPORATE CONNECTS



REACH US AND KICKSTART #YOURGROWTHSTORY

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

Contact Us At:

- +1800-2024-30
- admission@manavrachnaonline.edu.in
- www.manavrachnaonline.com

Connect Us At:



ALSO LOOKING FOR SHORT-TERM UPSKILLING?

Explore our

SHORT DURATION PROGRAMS (SDP)

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

<https://manavrachnaonline.com/short-duration-programmes/>

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.



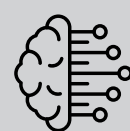
Short Duration Programs for IT Aspirants

– 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](#)

