



MANAV RACHNA
UNIVERSITY 

(FORMERLY MANAV RACHNA COLLEGE OF ENGINEERING, NAAC ACCREDITED 'A' GRADE INSTITUTION)
Declared as State Private University under section 2f of the UGC act, 1956

www.manavrachna.edu.in

WHERE LIVES ARE
TRANSFORMED AND
MEANINGFUL CAREERS
ARE LAUNCHED.



ACADEMIC SESSION 2018-19

CONTENTS



Introduction	02
Vice Chancellor's Message	03
Pro Vice Chancellor's Message	04
Organization Chart	05
Key Functionaries	06-08
Dean - Academics	09-11
Faculty of Engineering	12-13
Department of Computer Science and Technology	14-16
Department of Electronics & Communication Engineering	17-18
Department of Mechanical Engineering	19-20
Faculty of Applied Sciences	21-22
Department of Chemistry	23
Department of Physics	24
Department of Mathematics	25
Faculty of Management & Humanities	26
Department of Management & Commerce	26-30
Department of Humanities and Language	31
Faculty of Education	32-33
Department of Education	34
Faculty of Law	35-37
Department of Law	38
Ph.D Programme	39-40
Research & Development	41-42
IQAC	43
Director-Students Welfare	44-46
Student's Performance Few Highlights	47
Details of Programmes Offered	48-50
Admission Calendar & Schedule of Payment of Fees.	51
Important Instructions for Admission Seekers	52-57
MRU Achievers	58
Alumni Speak	59
Important Phone Numbers & City Offices	60

TRAILBLAZE YOUR LIFE PATH

Discover your potential!

MRU is at the intersection of thought and deed. What our students learn in the classroom is enhanced by real-world knowledge and experience. We champion diversity, entrepreneurship and innovation.

Your future begins here!

As an MRU student, you'll be challenged to grow, inspired to create and dared to excel. Wherever life takes you after graduation, you'll be able to apply what you've learned, both personally and academically, to make a real-life impact.

Explore your path!

Through cross-discipline programming, innovative course design, diverse experiential learning and a supportive community environment, our students get the education they need to have big ideas and endless career opportunities.

Sharpen your skills!

With a reputation for excellence that reaches around the globe, we have carved out a spot among the leading universities. Our story is still being written, and new chapters are added all the time. If you're considering an academic career at MRU, we hope that one day you will count your own pages among them.

Define your tomorrow!

Every year, our faculty, facilities and environment inspire students to engage with big questions head-on. We search for innovative solutions and make positive contributions to society. Our creativity connects us to the world.



Vice Chancellor's Message

The education at Manav Rachna University (MRU) aspires to not only bestow knowledge and skills, but also a positive attitudinal change.

Na-asti Vidya sama chakshu, na asti satya sama tapa: Na-asti raag sama dukham, na asti tyaga sama sukham

No vision is as powerful as the vision of knowledge, abiding by the truth is the foremost of all other austerities. There's no pain bigger than the pain caused by desire, happiness gained by sacrifice (of desires) is the ultimate one.

Team MRU, strives to carve young minds with a bright vision of the future motivated by Integrity, Perseverance and Passion to be able to make a difference in the work place. We put in an unswerving effort to make every student at Manav Rachna a "Pragmatic" and a "Good" human being. We ensure that every student is not only a mere success story, but an incomparable example of achieving self actualization and frontrunner in all the realms of life.

Latest World Bank Projections indicate that India is the fastest growing economy in the World. In fact, we are on the threshold of achieving a double digit growth in foreseeable future. This implies that we are on our way for an increased spend on the Social Sector with its consequential impact on employment generation and reduction in poverty; thus making us a World Class Economy characterized by 3Es, i.e. Efficiency in quality, Effectiveness in cost, Excellence in outcome.

The Yoga Sutra of Patanjali says, "When you are inspired by some great purpose, some extraordinary projects, all your thoughts break their bounds. Your mind transcends limitations, your consciousness expands in every direction, and you find yourself in a new, great and wonderful world".

Our biggest competitive edge is our Human Resource. 71% or 742 million Indians are below 35 years. This is a great opportunity for all of us as the responsible citizens of India and

not just for the government. So, let us "Think in India, "Make in India" and "Make for the World." At Manav Rachna Educational Institutions, we are working on this mission as the business environment demands a new cadre of professionals with a global outlook, yet with a deep rooted value system springing from our vast cultural heritage and glorious past.

With this paradigm, Manav Rachna University has been sensitively proactive in realizing this need. Anatomically, the culture at MRU is marked by highly traditional ethos whereas physiologically it is originated by global perspectives. In this manner, we attempt to mould young minds with a bright vision of the future driven by a mission to make a difference in the workplace as values of dedication, integrity and perseverance are imbibed in them. The programme structure, teaching methodology and inimitable industry interaction with the focus on attitude, behavioral skills and global orientation have been the key features of its educational philosophy.

Continuous learning is not a choice in today's business environment but a necessity and it is a challenge for the management education to keep pace with the ongoing dynamics, which has necessitated a total metamorphosis. The team MRU is committed to update and revise the course curriculum in tune with the dynamic needs of the business world thereby abridging the gap between the "desired" and the "produced".

The way MRU develops human capital for the industry is not only suitable for today or tomorrow, but also for times to come. *We instill in our students that Apraapyam naama nehaasti dheerasya vyavasaayinah, "There is nothing unattainable to the one who has courage and who works hard".*

Prof. (Dr.) Sanjay Srivastava
Vice-Chancellor,
Manav Rachna University





Pro Vice Chancellor's Message

Seeking a professional education institution to join an undergraduate/postgraduate programme is always a confounding decision. In the kind of situation which obtains today, a higher education institute should provide excellent academic delivery; an incentivized research and development environment and a grooming ground for a holistic growth besides providing outstanding infrastructure, learning and student support resources to inculcate in its learners an overwhelming desire to be technology - savvy and stay futuristic.

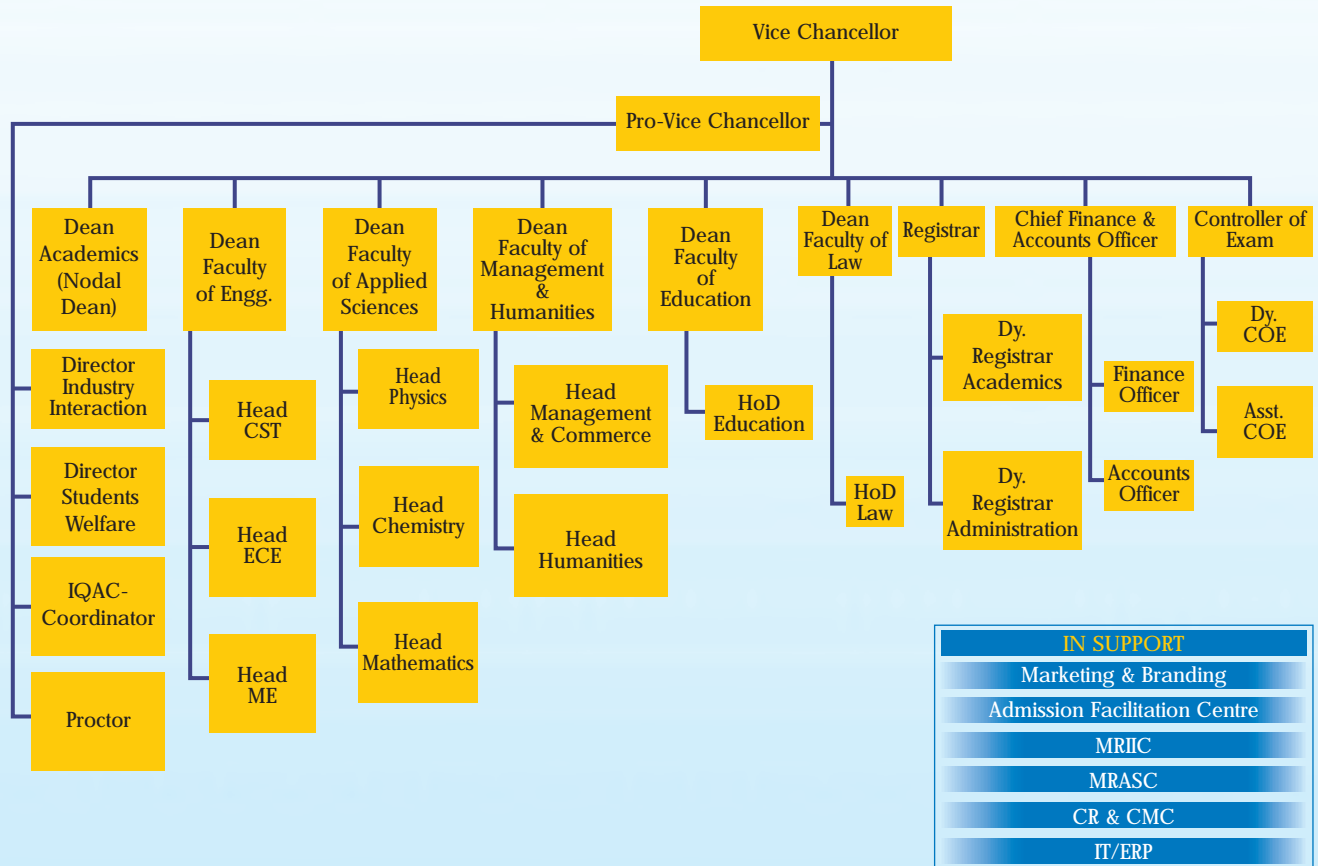
Ever since its inception, Manav Rachna University has striven relentlessly to become a preferred higher education institution. A highly qualified, committed and caring faculty aided by excellent infrastructure and learning resources goes a long way in providing a completely packaged pedagogical delivery. Syllabus, for every programme is updated so as to be in tune with contemporary practices and future trends of industry. A highly motivated environment to encourage innovative thinking stimulates R&D activities for students.

Manav Rachna Innovation and Incubation Centre provides 24x7 design, fabrication and testing facilities for students to realize their creative and entrepreneurial urges. High bandwidth, Wi-Fi environment provide liberal computational and internet facilities. A state-of-the-art library in the campus compels students to inculcate reading habits. Dedicated Corporate Resource Centre and Career Development Centre not only impart aptitude training and soft-skills to students but also culminate in their placement with leading corporate. Little wonder, a large number of alumni of MRU hold coveted positions and run their own acclaimed enterprises in India and across the world and keep the MRU flag aloft.

A rousing welcome to your decision to join the MRU fraternity!

Dr. Meenakshi S. Khurana
Pro Vice - Chancellor

ORGANISATION CHART MANAV RACHNA UNIVERSITY



KEY FUNCTIONARIES

Name & Qualification	Designation	Special Interests	Previous Employment
 Prof. (Dr.) Sanjay Srivastava. PhD (University of Delhi)	Managing Director MREI and Vice Chancellor - MRU	Cross Cultural Management, Psychometric Profiling, Leadership, Change Management and Qualitative Research	Dean Examinations and Faculty of Management Studies, Amity University.
 Prof. (Dr.) Meenakshi S. Khurana B.Sc. M.Sc., PhD (IIT Roorkee)	Professor-Physics, Pro Vice Chancellor & Dean Academics.	Solid State Physics, Atmospheric Sciences, Education technology and Accreditations.	Research Scholar at Department of Physics (University of Roorkee), DAV Centenary College, Faridabad, Career Institute of Technology and Management, Faridabad.
 Dr. Kameshwar Singh B.Sc. M.Sc., D.Phil. (Allahabad University)	Registrar	Superintendence of general administration, Service matters of faculty/staff, Budgetary Control, Statutory Bodies and MREI Legal issues.	Admin Officer/Jt. Registrar (Admin), Delhi College of Engineering, Delhi Technological University.
 Prof. (Dr.) M.R. Tyagi M.Tech., PhD (IIT Delhi)	Professor - Mechanical Engg. & Dean Faculty of Engineering	Tribology, Teaching, Research, Academic Administration	Chief Scientist Indian Institute of Petroleum, Dehradun, Director Roorkee Institute of Technology, Roorkee, Dean Engineering/ VC Graphic Era University, Dehradun.
 Prof. (Dr.) B.M. Bahal B.Sc., M.Sc., PhD (IIT Kanpur)	Professor-Physics, Dean Faculty of Applied sciences and Dean Research.	Teaching, Research, Curricula Development, Academic Administration and Development of new labs.	Director, Ramesh Institute of Engineering and Technology, Greater Noida; Dean, Applied Sciences, Galgotia College of Engineering and Technology, Greater Noida.
 Prof. (Dr.) B.D. Pathak B.E., M.E., FIE, LM ISTE, MSAE, PhD (IIT Delhi)	Professor Mechanical Engineering and Dean Examination.	Turbo Machines, Teaching and Research	Professor and Head Mechanical engineering Department, Delhi Technological University (Formerly Delhi College of Engineering).
 Ms Sanyogita Sharma M.A. B.Ed, PGDLSM	Director Faculty of Education MRU and Manav Rachna International schools.	Career Development Education.	Director Principal MRIS, Charmwood Faridabad and Director- MRIS-21-C, Faridabad and MRIS, Noida.
 Prof. (Dr.) A.K. Gupta M.Sc., M.Tech., PhD (IIT Delhi)	Professor Chemistry and Proctor	Green Synthesis/Chemistry, Clean water Technologies, Graft Copolymers, Analytical Techniques, Teaching and Research, IQAC Coordinator	Indian Oil Corporation Limited, Research & Development Centre, Faridabad, J K. Synthetics Ltd. R&D Centre, Kota.
 Prof. (Dr.) Sangita Banga M.Tech. (IIT Delhi), PGDBA (HR), PhD (MRIU)	Professor and Director Student Welfare	Biodiesel Purification, Material Science & Polymers, Policies related to student matters	High Polymer Labs, Lingaya's Institute of Technology & Management, Faridabad.
 Prof. Jaideep Singh LLB (University of Delhi), MSW (Agra University)	Director Industry Interaction & Head Humanities Development	Value & Strategy, Competency Mapping, Employee Engagement, Performance Management, Manpower Planning & Soft Skills	Taj Group of Hotels, JB Group, TATA, NIAR, LBSNAA Mussoorie
 Prof Birendra Prasad B.Sc, MBA, DBF	Head -New Initiatives	Fixed Income Securities, Financial Derivatives, Portfolio Management and Behavioral Finance, Teaching Academic Courses in Finance Specialization & Strategic Alliances with overseas Universities/Institutions/Organizations.	CEO, GIMT, New Delhi, Dean, Sriram Business School, Greater Noida, Associate Professor, IILM-GSM, Greater Noida, HOI-Amity College of Commerce & Finance, Noida, Assistant Professor, Amity Business School, Noida

KEY FUNCTIONARIES

Name & Qualification	Designation	Special Interests	Previous Employment
 Prof. (Dr.) Rajiv Nandan Rai, M.Tech. (Mech. Engg) M.Tech (Reliability Engg.) IIT Kharagpur, Ph.D (Industrial, Engg., Maintenance & Reliability) IIT Delhi.	Professor Mechanical Engineering Department (On Lien)	Teaching Research, Administration, Projects, Faculty Development	Indian Air Force Served at 'O'T and 'D' level, Maintenance in two Fighter streams.
 Dr. Rajat Gera M.Tech., PGDRM - Institute of Rural Management, PhD (GGSIU)	Professor & Head Department of Management & Commerce	Service quality, E-learning, Corporate Reputation, Structural Equation Modeling, Customer satisfaction, Value, Customer Loyalty and e -Commerce	Professor & HOD, Apeejay Styra University, Galgotia University, Asia Pacific Institute of Management, Institute of Management & Technology, Ghaziabad.
 Dr. Jay R. Bhatnagar PhD Electrical Engineering Systems from IIT Delhi, M.Sc. (EE), Los Angeles (US)	Professor - Computer Science & Technology Department	Information Theory, Systems and Decision Sciences, Communication System and Networks, Machine, Learning and Statistical Computing.	VJTI, Institution of Foreign Studies India Ltd., Mumbai, University of Southern California, Georgia Institute of Technology, Atlanta, Advanced Telecom Technology, Atlanta, NIT Goa, Mumbai University, Don Bosco College of Engg. Goa.
 Ms. Hanu Bhardwaj M.Tech. M.Phil.	Associate Professor & Head - Computer Science & Technology Department	Data Warehousing, Intelligence & Agile methodology,	DAV Institute of Management, Faridabad.
 Dr. Y K Awasthi Ph. D (University of Delhi.)	Associate Professor & Head, Electronics & Communication Engineering	Computational Electromagnetic, Antenna Theory, Design, Microwave & Wave Technology	Lecturer at Dr. BRA University, Agra, Research Scholar, Co-operative Faculty, University of Delhi.
 Dr. Sujata Nayak Ph.D. (IIT Delhi) M.Tech. (CCSHAU), HISSAR	Associate Professor & Head, Mechanical Engineering Department	Thermal engineering and solar energy engineering.	Project Scientist (IIT, Delhi).
 Dr. Megha Mittal, B.Sc., M.Sc., PhD (DRDE, Gwalior)	Associate Professor & Head Chemistry Department	Heavy metal toxicity, waste water treatment, green synthesis & bio-remediation	Senior Research Fellow DRDE, Gwalior
 Dr. Haider Abbas Ph.D (Jamia Millia Islamia)	Associate Professor Head Physics Department	Electronic Structure Calculations by Computer Simulation & Star Formation, Head Physics Department, Evaluation In-Charge, MRU Examination.	Echelon Institute of Technology, Faridabad
 Dr. A.K. Awasthi PhD (Maths), LLB, D.Sc. (Contd.)	Associate Professor & Head, Mathematics Department	Fracture Mechanics, mathematical modeling, astrophysics, Genology project & bioinformatics	Controller of Examination, MVN University, Palwal
 Dr. Versha Vahini B.A. LL.B., LL.M., Ph.D (Competition Law- Indian Law Institute, New Delhi)	Associate Professor and Head, Faculty of Law	Corporate Law, competition Law Criminal Law & Public Law & policy	Assistant Professor, National Law School of Indian University, Bangalore & Asst. Professor, Indian Law Institute, New Delhi
 Dr. Babita Parashar M.Sc. (BioSciences), M.Ed (Gold Medalist), PhD (Jamia Millia Islamia, New Delhi)	Head - Department of Education	Research based Teacher-Education, Instructional Designing, Assessment and Evaluation.	Associate Professor, Dept.of Teacher Education, NOUN, Lagos.

ESSENTIAL FUNCTIONARIES:MREI

Name & Qualification	Designation	Special Interests	Previous Employment
 Dr. V.K. Mahna B.Sc. Engg. (Mech.) M.Sc. Engg. (Mech) (University of Delhi) PhD (IIT Delhi)	Executive Director, Quality Assurance & Enhancement	Teaching, Research, Academic Administration, Examination System and Reforms.	Former Director (Examination Reforms), UPSC, Joint Secretary to the Govt. of India. Professor and Dean Mechanical Engineering, Delhi College of Engineering.
 Dr. M.K. Soni B.Sc. Engg., M.Sc. Engg., PhD	Executive Director MRIIC	Research & Development, Consultancy, Educational Administration and Teaching	Director, CRSCE, Murthal, Professor, HoD and Dean- NIT, Kurukshetra
 Brig. S.N. Setia (Retd.) M.Tech (Telecomm), MMS, PGD HRM, PGD FM, Army Technical Staff Course, National Defense College Course	Director Admissions & IT	Telecommunications, All Management subjects.	Military College of Telecomm Engg. Professor & Head IT Dept. at College of Defense Management, Dean, Faridabad Institute of Technology, Faridabad
 Dr. B.S. Gill, B.Sc. (Engg), Ph.D.	Advisor MRIIC	Heat Transfer, Pinch Technology/ Process Integration, Combustion, Fired Heaters, Fluidized Bed Boilers, Advanced Controls, Computational Fluid Dynamics and Project Management	Central Mechanical Engineering Research Institute, Durgapur, Bharat Heavy Electrical Ltd., Engineers India Ltd., New Delhi.
 Dr. D.K. Chadha	Chair Professor & Chairman- Centre for Advanced Water Technology & Management (CAWTM)	Geology, Hydrogeology, Geochemistry, Ground Water Management, Rain Water Harvesting	Former Chairman, Central Ground Water Board, Ministry of Water Resources, GOI. Travelled widely to more than 20 countries for interaction with international institutions like UNESCO, US-EPA, IAEA, Asia Pacific Network on climate change, etc. and presented technical presentation
 Dr. I.K. Kilam, M.A. - Economics, M.Sc. - Applied Physics, MBA, PGDPR, CAIIB (I) Ph.D. (MRIIRS)	Director RMR 107.8	Human Resource Development, Communication Skills, Personality Development.	AIR, Punjab National Bank
 Mr. Amit Bhatnagar, MBA, London Business School, BE	Director- Career & Skills Development	Career development of students, building and enhancing capabilities in line with Skill agenda outlined by the Government of India.	20 years of experience working with multinationals in Energy and IT sector in various leadership roles across geographies.
 Mr. Sarkar Talwar, Graduation in sports, Level 4 Coach	Director -Sports	Sports Management	Haryana Govt., Chief Coach of the Indian Jr. Cricket team (1995-2003)
 Dr. Pradeep K. Varshney, Ph.D	Professor & Director-MRIIC	Material Science, Composite Polymer Electrolytes for Electrochemical Batteries, Biodiesel Purification, Solar Stills	Lecturer, Delhi College of Engg, Research Associate, National Physical Laboratory, Post Doctoral Fellow, National Taiwan University and LG-Elite Company, South Korea, Associate Professor, School of Engg & Applied Sciences, New Delhi.
 Col. Girish Kumar Sharma, B.A., M. Sc. (Defense Studies), Business Administration MDI	Director-Planning & Coordination	Business Development	Indian Army, United Nations, Health Care, Education & Global Alliances
 Mr. Sudhir Verma MBA (Marketing)	Director Marketing & Branding	Marketing & Strategy	Hindustan Times, Spice jet Ltd.
 Mr. Atul Kalra, PG in Advt. & PR	Director- Administration	Administration, Operations, Branding, Events	Previously employment as Director Operations - Techplast India Pvt. Ltd.
 Ms. Shailja Naqvi, M.A (Mass Communication)	Deputy Director- RMR	Multimedia Planning, Event Management, Radio Programming & Media Teaching	India TV, Network 24, Synergy, Y Media Niti Digital,
 Lt. Col. Dipankar Sen M.Tech, Post- Graduation in Electronics	Deputy Director- IT	Cloud Computing	Huawei Technologies



ACADEMICS @ MRU

STRONG ACADEMIC SYSTEM, FACILITATED BY QUALIFIED FACULTY FROM PREMIER INSTITUTIONS, SUPPORTED BY ICT AND STATE-OF-THE-ART INFRASTRUCTURE, MAKE THE EDUCATION PROCESS AN ENJOYABLE JOURNEY FOR STUDENTS.

DEAN ACADEMICS

Prof. (Dr. Meenakshi S. Khurana)

B Sc., M Sc & Ph D (University of Roorkee now IIT Roorkee)

Experience: 18 Years

Areas of Interest: Solid State Physics, Atmospheric Sciences & Education Technology



MRU offers various undergraduate, post-graduate and doctoral programmes in Faculty of Engineering, Faculty of Management & Humanities, Faculty of Applied Sciences, Faculty of Law and Faculty of Education. The academics at MRU is designed towards providing the students a strong background in fundamentals, an ability to translate it to real life problems and a capacity to design, build and analyze different products, processes and systems. Guided by international best practices, the teaching learning process ensures development of Global Graduate Attributes as recommended by various professional

bodies/societies. The academic process is Outcome Oriented and ensures development of desired skill set. Incorporation of courses from all areas, be it humanities, sciences, management, technology etc. ensures holistic development of graduates who understand the impact of their actions/ decisions on the society and environment. Domain skills are complemented with soft skills and this together with knowledge of a foreign language gives MRU students an edge in the domestic and global market.

Strong academic system, facilitated by qualified faculty from premier institutions,

supported by ICT and state-of-the-art infrastructure, make the education process an enjoyable journey for students. MRU students enjoy the facilities offered by Manav Rachna Innovation and Incubation Centre (a Centre to convert your ideas to prototypes and incubate startups), Career Development Centre (a Centre to polish the edges of personality and facilitate transformation from a graduate to a professional), Corporate Resource Centre (a Centre to build relations with industries and facilitate placements) and Manav Rachna Centre for Foreign Language (a Centre offering bouquet of courses/ certifications in Foreign Languages).

HIGHLIGHTS OF THE PROGRAMMES AT MRU

1. Semester system with Choice Based Credit System (CBCS):
 - Learn at one's own pace: Flexibility to register for lesser or higher number of credits
 - Learners' choice of courses: Flexibility to pick and choose courses from different areas
2. Holistic Development: Development of a person's emotional, social, ethical and creative potential through soft courses and Life Skills Programme.
3. Multidisciplinary approach: Small core and large elective basket. Flexibility to choose electives from other departments like Engineering, Management, Humanities, Sciences and Social Sciences.
4. Global Graduate Attributes: Programme design and delivery ensures development of Graduate Attributes (GAs)
5. Learning by Doing: Major stress on Laboratory component in courses.
6. Emerging/Futuristic courses: Students' exposure to emerging technologies/sciences/issues in the area.
7. Environment & Sustainable Development: Key component of all programmes
8. Research & Development: Early exposure to Research field.

PROGRAMME STRUCTURE

The university programme curriculum and delivery is designed to ensure development of Global Graduate Attributes as defined by International Professional Societies of the concerned areas. The courses in a Programme can be categorized on the basis of Course Type and Course Nature.

COURSE TYPES

a. Core -Compulsory Courses: may be Domain Core (DC i.e. offered by degree awarding department to which the student is admitted) or Allied Core (AC i.e. offered by department other than the one to whose program the student is admitted

b. Elective- Basket of courses to choose from: may be Domain Elective (DE i.e. offered by degree awarding department to which the student is admitted) or Open Elective (OE i.e. offered by department other than the one to whose program the student is admitted).

c. University Compulsory Course: University may prescribe compulsory courses which may be audit courses or credit courses. All the Core, Elective and University Compulsory Courses can be of following Nature.

NATURE OF COURSE

a. Hard course (H): Typical courses related to domain skills with major component as lecture and T-P and/or O component

b. Soft Course (S): A course aimed at development of a person's emotional, social, ethical, professional and creative potentials.

c. Workshop course(W): A completely 'hands on' course conducted in laboratory/field/practicum mode, aimed at developing application/ implementation/ designing skills of a person.

d. Non-Teaching Credit Course(N): The course involves no teaching and has P and O component. It shall include projects, seminars, dissertations etc.

e. Audit Courses (A): University may prescribe mandatory Audit courses. A student has to pass the course to earn ACP Grade. The grades obtained in an audit course are not considered in SGPA or CGPA calculations. The credits earned are not to be counted in total credit requirements for award of degree.

f. Summer Training Modules: These modules shall be designed with the purpose of developing hard and soft skills of the students. These modules shall stress upon 'learning by doing'. Keeping in view different career goals of students which are employment in industry, entrepreneurial ventures, higher studies and research etc. the summer training modules are suitably designed by departments. Part of these modules can be spread over a period of time including regular semester period for the desired outcome to be achieved.

COURSE COMPONENTS

a. Lecture (L) b. Tutorial (T) c. Practical (P) d. Outcome (O)

LEARNING ENVIRONMENT AT MANAV RACHNA UNIVERSITY

MRU provides its graduates a conducive environment which lays stress on developing global attributes. Newly Initiated Manav Rachna Life Skill Programme (MRLSP) is a strategic initiative to provide a rich nurturing ground for honing the life skills of students.

Some of the highlights of the learning environment at MRU are:

- Outcome Based: What can I do?
- Learning by Doing: Compulsory summer trainings every year; Internships, Workshops are an intricate part of the programmes & majority courses are supported with Lab component.
- Self Learning & Exploring: Through theoretical and experimental methods.
- Research and Innovate: Propose an idea and get funding to shape it; present the innovations in best international and national competitions.
- Multidisciplinary: Multidisciplinary electives and Innovative project development with multidisciplinary teams.
- Collaborate and Develop Linkages: Share and grow with international and national technical communities through Chapters of International professional bodies like IEEE, SAE, ASME etc.
- Comfort in Virtual World: Simulate & build prototypes in Virtual labs; using modern software.

EMPLOYMENT ENHANCEMENT PROGRAMMES (EEPs)

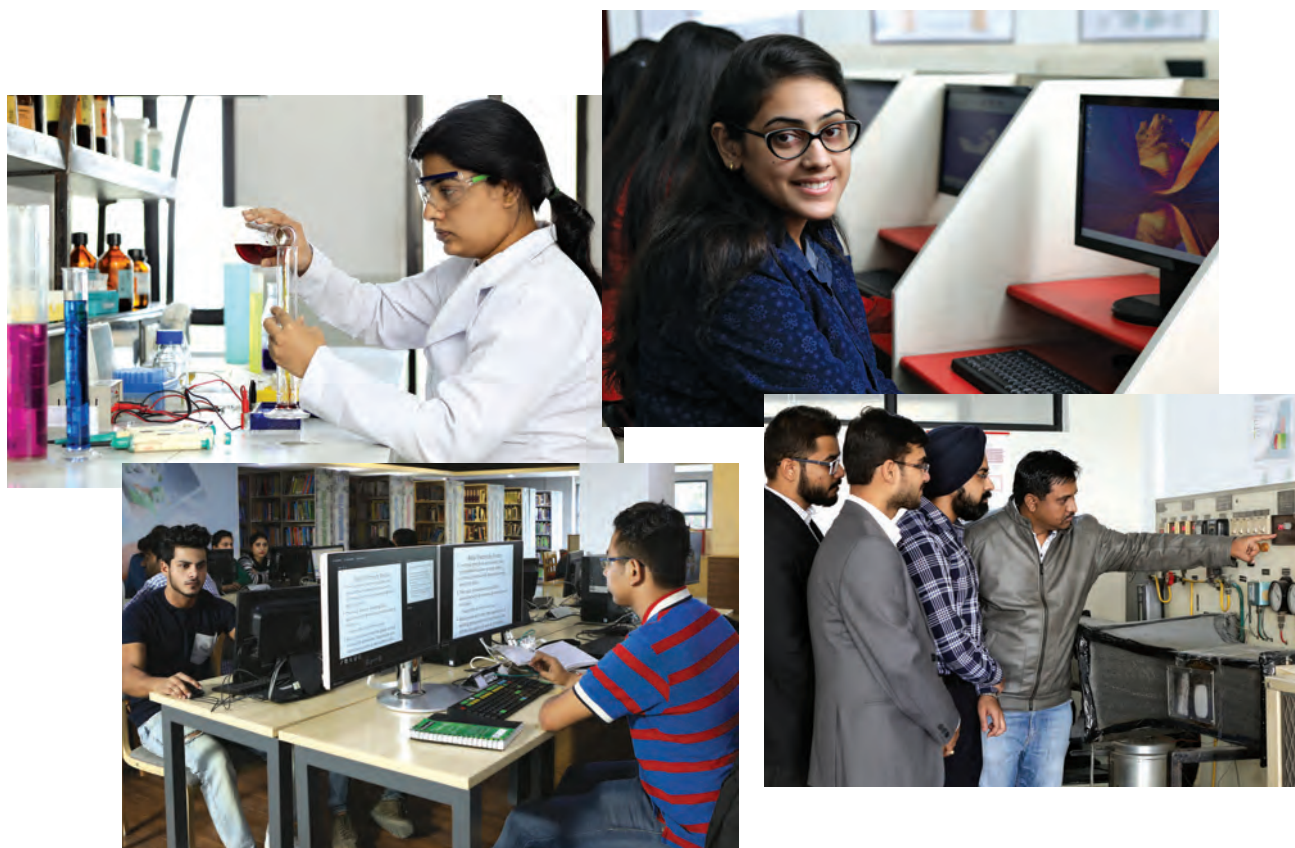
MRU works towards enhancing the employability of its students. This requires educating students to embody holistic knowledge, inspire critical & innovative thinking, possess dynamic, verbal as well as written communication skills, and thereby make them Global Citizens. Employability Enhancement is supported through various programmes:

1. Employment Enhancement Programme: Parent Departments in collaboration with Career Development Centre (CDC) conduct trainings for the students with an objective of enhancing domain and soft skills of the students leading to enhanced employability prospects of MRU Graduates.

The activities currently being performed are:

- a. Coaching and Mentoring: Training on Personality Development, Business English, Business Communication and Aptitude Development.
 - b. Employability Augmentation: Conducting Employability Assessments recognized by a wide range of corporate houses.
 - c. Professional Enhancements: Making students participate in activities like Six Sigma, Lean Management, Process Improvement Courses etc. to help them add professional qualifications to their Curriculum vitae
 - d. Employability Related Events: Improving the Group Discussion Skills of students.
2. Summer Training: Students at MRU undergo mandatory summer training with a view to expose them to the real world situations where they could apply their learning and sharpen their domain expertise. This process enhances their employability. Summer training imparts education beyond the curricula and augments the class room teaching through:
 - instructional cum research based laboratory/field work,
 - project based learning,
 - intense industrial/professional exposure, and
 - hands-on experience on design/fabrication of general systems, processes & products specific to the programmes being pursued.

Open access to labs; involvement of students in faculty research and development projects; developing design skills using latest software, has certainly given an edge to the students of MRU.





FACULTY OF ENGINEERING (FoE)

THE FACULTY OF ENGINEERING AT THE MANAV RACHNA UNIVERSITY, THE CONTINUANCE OF THE LEGACY OF MANAV RACHNA COLLEGE OF ENGINEERING, HAS EARNED ITS NAME AND SET ITSELF APART AS A CENTRE OF EXCELLENCE IN TECHNICAL EDUCATION IN THE COUNTRY.

FACULTY OF ENGINEERING

DEAN - FACULTY OF ENGINEERING

Prof. (Dr.) M.R. Tyagi

B.E., M.E. (IIT-Roorkee), Ph.D (IIT-Delhi)

Experience: 39 years

Areas of interest: Mechanical Engineering - Micro and Nano-Tribology, interfacial phenomena in the contacting machine components.



The Faculty of Engineering at the Manav Rachna University, the continuance of the legacy of Manav Rachna College of Engineering, has earned its name and set itself apart as a Centre of Excellence in Technical Education in the country. Winning various awards and accreditations is the Hall Mark of quality technical education at Manav Rachna.

Our course structures stand completely transformed and the action on delivery has already begun. In design of course structures, our approach has been Object Oriented and Student Centric which has been made possible by Choice Based Credit System. A student in his/her stream of engineering will complete the base courses in early semesters which will sufficiently equip him/her to appear in all competitive exams in his stream. Then in higher

semesters, through a basket of electives, he/she will have the choice of studying the subjects related to the stream leading to the final goal of his choice in the profession. All stakeholders- the industry, academia and alumni have contributed to the whole process. We believe their contribution and support throughout the duration of completion of the degree courses is going to be of immense value in shaping our students to become excellent engineers and fine human beings.

The academic performance and the placement records of our students have been excellent, each passing year setting a new bench mark. However, we continuously discuss and deliberate for finding new ideas on teaching methodologies, areas of research, course

content and future directions suited to the needs of the industry and business. This is our third year into the delivery of the curriculum of Manav Rachna University and we have the satisfaction of having overwhelming response from all the stakeholders to the changes we have brought in the Faculty of Engineering. We remain committed to the excellence in technical education and facilitating the path of our students from the corridors and classrooms of Manav Rachna University to the top offices in industry and business.

We welcome the future students to the Faculty of Engineering at the Manav Rachna University to cherish their dreams of becoming engineers, technocrats and business leaders.

ABOUT FACULTY OF ENGINEERING

The Faculty of Engineering constitutes of three Departments of Engineering, the Department of Computer Science and Technology. The Department of Mechanical Engineering and the Department of Electronics and Communication Engineering. The faculty has a pool of well qualified faculty members with rich experience in teaching, research and industry, thus making an excellent mix for imparting high quality technical education. All the departments of the faculty are well equipped with the state-of-the-art infrastructure facilities, i.e. class rooms as well as specialized laboratories equipped with sophisticated and latest software technology. Simulated Teaching Enabled Programme (STEP) adds dynamism to the teaching methodology implicating the tools that further provide the hands on practice for progressive, consolidated learning and implementation, with excellent pedagogic techniques like teaching through demonstration, analogies, case based learning, scenario playing, depicting the concepts through flash movies and the like.

Teaching pedagogy which focuses on "learning-by-doing" approach aims to bridge the gap between industry and academia. Moreover, it inculcates in student's abilities like Self learning, Independent thinking, and Problem solving.

Incorporation of new technology in the curriculum aims at fulfilling the requirements of skilled manpower requirements. Focused industry ready syllabi with each vertical defined in the curriculum aims to create a platform for specified field, for

example, Cloud Computing, Big Data, Neural Networks, Business Analytics, Apps Development in Computer Science and Technology courses, likewise advanced courses addressing the contemporary needs of the industry and society are included in the curriculum of other branches of Engineering.

The faculty has inclination towards interdisciplinary research as well and takes pride in its publications in various journals of repute with high impact factor. Regular participation of faculty members and students in conferences and workshops of ASME, SAE, IEEE, Springer, ACM etc. has been a contributory factor in enhancing the quality of research work being carried out with diligent vigor and enthusiasm.



DEPARTMENT OF COMPUTER SCIENCE & TECHNOLOGY

Ms. Hanu Bhardwaj
M.Tech, M.Phil, Pursuing Ph.D
Experience: 16 years
Areas of Interest: Data Warehousing, Business Intelligence
and Agile Methodology



ABOUT THE DEPARTMENT

The aim of the department is to provide high quality education along with training the students with all the new advancements in the field of computers. The major differentiators of the CST department are:

- Our teaching pedagogy focuses on 'learning by doing' which aims to bridge the gap between industry and academia.
- Incorporation of new technology in the curriculum aims to bridge the gap of skilled manpower requirements. Focused industry ready syllabi with each vertical defined in the curriculum aims to create a platform for specified fields (Cloud Computing, Big Data, Neural Networks, Business Analytics, Apps Development and Web Development).
- The department has collaborations with many external organizations who work in association with the department to impart education to the students on cutting edge technology, in the form of summer trainings and workshops.

The department also takes initiative to improve the soft skills, analytical capabilities and verbal communication of the students so that they can face the competition in the corporate world confidently. It constantly strives to maintain and improve high standards in teaching and research. This endeavor has been successful in attracting and retaining highly skilled faculty members who are now steering the standards and relevance of the programs being offered.

The department has functional research groups in various thrust areas like Soft Computing & Big Data, Data Mining & Machine Learning, Speech and Pattern Recognition, Software Reliability, and Mobile Ad-hoc Networks with the focus on high quality research and credible publication.

PROGRAMMES OFFERED

- B.Tech. (4 year) / B.Tech. Lateral Entry (3 year)
 - Computer Science & Engineering
 - B.Tech. (4 year) Specialization in association with Xebia
 - Computer Science & Engineering with specialization in Data Science & Machine Learning
 - Computer Science & Engineering with specialization in Digital Transformation Engineering
- M.Tech. (2 year) Computer Engineering
- Ph.D. Computer Science & Technology

* The detailed study scheme is available on MRU Website.

B.TECH. COMPUTER SCIENCE & ENGINEERING

B.Tech. CSE follows Choice Based Credit System (CBCS) where student has the flexibility of choosing courses of his choice and interest. The department offers large basket of electives that lead to distinctive specializations mentioned below:

SPECIALIZATIONS THROUGH ELECTIVES

S. No.	Semester	Dataware Housing & Big Data Analytics	Mobile App Development & Analytics	Network Security & Cloud Computing	Research Oriented
1	5th	Data Warehousing & Data Mining	Mobile Computing with Android	Internet Standards and Open Source Software	Advanced Operating System
2	6th	Business Intelligence & its Applications	Multi platform Mobile Development	Network Security & Cryptography	
3	7th	Big data	iOS App Development	Cloud Computing	NoSQL Database Models Knowledge Representation & Machine Learning
4	8th	Programming	Analytics	Information retrieval	Fuzzy Logic

ABOUT XEBIA

Xebia is a specialized global IT Consultancy and Services company focusing on *Enterprise development, agile development, DevOps, and Outsourcing services*. Our passion for in-depth technology in combination with Lean, Agile and Scrum practices are Xebia's driving factors and competitive edge.

Customers typically chose Xebia for its innovative solutions, technological depth, and craftsmanship. Xebia is focused on a large part of Continuous Delivery. We have separate business units focusing on Continuous delivery & Integration, Test Automation, Software Craftsmanship and, PaaS/Infra-as-code to provide the most cutting-edge solution to our customers. With our mission to be the leading authority in mind, we select and hire only those people who contribute to this mission.

Xebia works very closely with the most known thought leaders in the field of Agile, Continuous Delivery and training such as Jeff Sutherland (Co-creator of Scrum), David Farley (Co-Author of Continuous Delivery) and Mitchell Hashimoto (Creator of DevOps tools such as Vagrant, Consul, and Packer). Xebia Group consists of seven specialized, interlinked companies: Xebia, Xebia Academy, XebiaLabs, StackState, GoDataDriven, Xpirit and Binx.io. With offices in Amsterdam and Hilversum (Netherlands), Paris, Delhi, Bangalore and Boston, we employ over 900 people worldwide.

- B.TECH COMPUTER SCIENCE & ENGINEERING WITH SPECIALIZATION IN DATA SCIENCE & MACHINE LEARNING in association with Xebia

How Google Maps are analyzing your commute time and traffic movement? How a driverless car is navigating its way on the busy roads safely? Today you can see how Siri and Alexa have become an integral part, assisting and maneuvering the way we operate in our day to day life. The core technology behind these wonders is Artificial Intelligence, where Machine Learning is one of the key fields.

The B.Tech specialization in Data Science & Machine Learning - the curricula is created with an intent to educate the engineering students on the cutting-edge technologies. This courseware is going to teach the engineering students on Mathematical Foundations, Statistical Foundations, Machine Learning, Neural Networks, Applied Artificial Intelligence.

- B.TECH COMPUTER SCIENCE & ENGINEERING WITH SPECIALIZATION IN DIGITAL TRANSFORMATION ENGINEERING in association with Xebia

We are entering a new wave of Digital era - a step toward the advancement of technologies in the most audacious ways. From Internet-enabled smart devices to Autonomous vehicles and from Blockchain to Artificial Intelligence, digital transformation is influencing every aspect of our lives. By channelizing the digital platforms, enterprises are going to get tremendous benefits and accomplish their business objectives. To simply state what digital transformation means, it can be defined as the change that is happening through fast adoption of technologies, right from change in the work culture to dramatic impact on the business goals and improving the lives of people.

The B.Tech specialization in Digital Transformation Engineering - the curricula is created with an intent to educate the engineering students on the cutting-edge technologies, besides learning about HTML5, Angular4, Test Automation, Estimation Techniques, Agile Practices, and Cloud Computing. The courseware is designed in a way that will focus on providing intense hands-on learning experiences and practical usage of the technologies.



INDUSTRY ACADEMIA PARTNERSHIP

The department of CST is conscious about bridging the gap between industry & academia and has collaborations with various industries. Testimonial to this is the association with Infosys since 2009 for training the students and faculty members under the purview of Infosys Campus Connect Programme. Under this programme, Infosys certified faculty members conduct special modules for grooming technical skills and soft skills of graduates, as per industry demand.

The department is offering B.Tech Computer Science & Engineering with specialization in Data Science & Machine Learning and Digital Transformation, in collaboration with Xebia, which is a Dutch based IT company. The department has also tied up with Sky Testers to provide testing platform to the students for mobile applications. Students get hands-on in manual/automated testing by working on live projects. The Department has adopted Google Specialized courses like Mobile App Development with Android in the curriculum.

COMPUTER LABS

The computer labs, with the perspective of achieving 'learning by doing' pedagogy, incorporate lab oriented curriculum to create a learning environment in which students are more confident and productive as they engage in projects that empower them to take ownership of their education. The department offers extensive computer labs in the different areas of computing equipped with the latest software in the respective areas and hardware complementing its implementation.

The department has well-furnished air-conditioned computer labs which are WiFi enabled providing a viable solution to ensure access to students for digital learning. Apart from Microsoft Technologies, emphasis is laid on free software and Open source Technologies such as Linux, Solaris and Java. The student computer ratio in the lab is 1:1 and the faculty student ratio in the computer lab is 1:15 which aims to facilitate our 'learning by doing' pedagogy.

NEW QUALITY INITIATIVES

- Labs based on Agile Methodology: Programming courses like Structured programming, OOPs using JAVA, are taught using Agile Methodology as per current industry trends. (Introduced by Prof. Nathaniel Grafton Martin)
- Project based Learning: Students are exposed to projects based on real-life problems throughout their curriculum.
- Industry Standard Tools: Open source softwares used like Python, Java, Scratch, Android, R, Eclipse, NS2.3, MySQL, in respective course labs, are according to industry standards.
- Specialized Programs: As per current industry trends the department has started two new programs in the area of Data Science & Machine Learning and Digital Transformation, in association with XEBIA.

FACULTY RESEARCH EXPOSURE

Research plays a significant role in the process of conceptual thinking, learning and innovation. The department's faculty undertakes various in-house and sponsored research activities. Forty two research papers were published in National and International Journals; and seventeen research papers were published in Proceedings of National and International Conferences of repute, in last two years. The faculty has also added seventy nine FDPs to the department's credit.

STUDENT ACHIEVEMENTS

Department of Computer Science and Technology offers wide range of services to help and improve student academic work and to enhance student skills. Students of Department of Computer Science and Technology participate in a variety of inter and intra curricular and co-curricular activities. Students have participated at SAP ecosystem awareness quiz, SUMMIT - Model United Nations conference at Manipal, Apps for YU Challenge by Yureka, CodeZen, B-Plan Competition at Amity University, Google Summer of Code, and Microsoft Imagine Cup.

STUDENT INTERNSHIP

Experiential learning in internship program is a key component in undergraduate studies. An internship is a period of structured work experience that helps the students to upgrade their skills according to current industry trends. Students of Department of Computer Science and Technology enroll in various internships offered by reputed companies. Students have grabbed internship at LinkedIn, Scanta, Envestnet, Google, Coding Ninja, Gigabyte Aorus etc. Some of the students of Computer Science Department have also developed real time projects under TCS remote internship program.



The department organizes series of talks, seminars and workshops, by researchers and industry experts on latest trends like Agile Methodology, Kanban Methodology, Scrum, Big Data and Cloud Computing, Data Warehousing, Digital Marketing, IOT, VoLTE etc. Such 22 seminars and workshops were organized in the last two academic years by the department.

STUDENT CHAPTERS OF PROFESSIONAL BODIES

The department organizes various activities under the banner of CST Technical club and IEEE student chapter. Some of the activities organized last year are Programming Contest, APP Development Contest, Tech Mage, Cloud Computing On Azure, Technical Paper Writing and Publishing Workshop, Malnutrition and Personal Hygiene workshop, Indian Gaming Show 2K17.

PLACEMENT OPPORTUNITIES

It's a dream for every student to get placed in reputed company. Dream job opportunity is available for our graduates. CST Department has been consistent in terms of placement records. This department strongly believes that practical knowledge and familiarity with work environment is very necessary for young engineers. Every year more than 90% eligible/willing students get placed in reputed companies. Our esteemed recruiters include LinkedIn, TCS, Accenture, NIIT Technologies, Amazon, Samsung R&D, MobiKwik, Ericsson, HP, IBM, L&T Infotech, Optimus, Open Text, NewGen, Aon Hewitt, Gemalto (SafeNet), Morphus, HCL, CMC, Sunlife, Josh Technologies, SkillRock Technologies, Sagacious, Oxyent, Collabera, Maintech and many more. Apart from these exciting placement opportunities, a wide range of other career options are also available for students like Armed forces, Railways, Banking sector, Telecom etc.

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

HEAD - ELECTRONICS & COMMUNICATION ENGINEERING

Dr. Y K Awasthi, Ph. D (RF & Microwave Engineering)

Experience: 14 years Teaching & Research

Areas of Interest: Modeling high-frequency passive microwave components, Microwave & mm-Wave antennas, Meta-material absorber & cloaking, Study of transient, RF Power Transfer & Energy Harvesting.



ABOUT THE DEPARTMENT

The department started in 2004 with under graduate programmes in Electronics and Communication Engineering and later added Post Graduate programmes with specialization in VLSI Design, Communication Engineering, and Embedded Systems with the vision of being recognized as a leading Centre of technical education. The Department has strong research programmes leading to PhD degree in all the areas of Electronics and Communication Engineering. Good number of PhD scholars are currently engaged in cutting edge research in the Department.

In addition, department has acquired expertise in the area of VLSI Design, Signal Processing, Wireless & Optical Communication Networks, Antenna & RF System Design, Image, Speech & Video processing, Testing & Verification of VLSI Design, Reconfigurable Processor and Embedded System Design. State-of-art laboratories have been set up in department for both UG as well as for PG Programmes and are well equipped with computational facilities with resources, both in terms of hardware and software.

The Department has a pool of well qualified faculty members with rich experience in academia and industrial exposure who have been imparting quality education at UG and PG level. The Department is committed to provide an outstanding research and learning environment to its students. The faculty members are constantly involved in research activities in the areas of Electronics & Communication Engineering.

The Department offers in-house summer training which have specific customized programme to the students for extended learning. Students actively organize and participate in various workshops and seminars under the aegis of IEEE/ IIRS/ NITTR etc. The Department has striven to achieve large number of sponsored research projects funded by various agencies such as ISRO, DIT, MHRD, DST, DRDO, DOE, PRL, Naval Research and Army Technology Board (NA & ATB).

In the future, the department hopes to extend its research into newer areas like Body Area Networks (BAN), Energy Efficient Networks (EEN), mm-Wave Systems, Imaging, Computational Electromagnetics, Green Communication and Computing, Organic Electronics, RF Energy Transfer, Healthcare Informatics, Energy Harvesting.

THRUST AREAS OF THE DEPARTMENT

Electronics & Communication Engineering
Communication System
Microelectronics & VLSI
RF & Microwave System
Advanced Electronic Material & Devices
Digital Signal Processing
Embedded Systems Design
Power Systems Analysis

PROGRAMMES OFFERED

- B. Tech. (4 year) Electronics & Computer Engineering
- M. Tech. Full-Time (2 Year) Embedded System & VLSI
- Ph. D in following indicative areas:

Electronics & Communication Engineering RF & Microwave Systems, Microelectronics & VLSI, Power System Analysis, Analog/Digital Signal Processing, Image processing, Embedded System Design, Communication System etc. Research can be pursued in any other areas also.

The detailed semester wise course structures along with study scheme & laboratory for the programmes are available on MRU Website.

PLACEMENT OPPORTUNITIES

Multiple career paths are available within the realm of Electronics & Communication Engineering. ECE graduates can be found working in Public/Govt. sector organizations like BEL, BSNL, BHEL, NHPC, NTPC, DMRC, C-Dot, HAL, Airport Authority, BARC, ISRO, DRDO, NTRC, CSIR, SAMEER. Other sectors which offer job opportunities are Armed Forces, Railways, Technical Universities, Banking sector and State Electricity Boards. Large MNCs namely Hewlett Packard, Agilent, Cadence, Synopsis, Truechip Solutions, Texas Instruments, Simmtronics, Qualcomm, Cognizant, ST-Microelectronics, MIDAS Communication are also the major recruiters of ECE students. Apart from the placements in reputed organizations, many students also opt for higher studies through CAT, GATE, GRE.

ACADEMIC AND INDUSTRY PARTNERS/ COLLABORATIONS

Department is associated with various Centre of Excellence including Sukam, Orient Electric, Croma Campus Pvt. Ltd. and 3ST Technologies. In Sukam (Centre for Smart Solar Energy) Students are exposed to the latest developments in the field of Solar Energy and its applications; especially in the area of energy generation, storage and deployment. Also, Orient Electric offers diverse selection of consumer electrical solutions including Fans, Home appliances, Lighting and Switchgear. Croma Campus Pvt. Ltd. and 3ST Technologies is Specialized in providing best-in-class technical training and certifications on all popular technologies viz. Embedded Systems, VLSI, Industrial Automation, Beaglebone, Raspberry-Pi etc available globally, VLSI Design, Robotics, MATLAB, Software Development, Summer Training, Internship, Projects and Research.



STUDENT CHAPTERS AND TECHNICAL CLUBS

Student chapters such as IEEE information impacts the future of dozens of technology industries with valuable research on a wide variety of emerging topics including: aerospace and defense, automotive, computing, electronics, medical devices, nanotechnology, petroleum & natural gas, power and energy, semiconductors, and telecommunications. Under Electronics Society of IEEE students make Live Projects using Zig-Bee, Raspberry-Pi, Arduino Boards, PIC Microcontroller and various latest technologies also. Electro-Tech Club is setup exclusively for Electronics & Communication Engineers.

MAJOR FDP's ORGANIZED/ATTENDED:

Department organized various FDPs including Remote Sensing, GIS & GNSS (22nd August to 24th November 2016), E-Commerce & Android Applications (17th Dec 2016), Artificial Neural Network & Fuzzy Logic (18th Feb 2017), IoT workshop (Internet of Things) in association with Croma Campus (29th April 2017), Verilog for Digital System Design (1st April 2017), Intellectual Property Rights (3rd May, 2017), Renewable Energy Sources (24th June 2017) and LTE overview (3-4th August 2017) at Gurugram.

NEW START UPS BY ALUMNI

Our Alumni Mr. Ajay Saini started Zeolr Technologies Pvt. Ltd in 2016 which deals with electronics research projects. One of our ECE alumni is a key member (Mr. Mehul-2015) of Mansaa Smart Shine, a startup by MRU students which manufactures Smart Wireless LED Bulbs. Arka-Era is another ventures by our alumni, Mr. Swaraj Singh., 2K17 batch, which provides solar system installation services.

ALUMNI'S ACHIEVEMENTS

Our Alumni Ms. Abhilasha Sharma a pass out of 2K12 batch has been selected as an IAS Officer. Ms. Priyanka Mangla Alumna of 2K15 batch is Scientist at SAC/ ISRO, Ahmedabad. Mr. Sunny Dagar 2K16 pass out has been selected as Lieutenant Indian Army. Ms. Parnika Gupta 2K16 pass out has been pursuing MS from Taiwan University sponsored by Agilent Technologies. Mr. Vipin 2K16 pass out has been selected as Lieutenant Indian Army.



FACULTY PUBLICATIONS & RESEARCH PAPERS PRESENTED/ CONFERENCES ORGANIZED/ ATTENDED

Department has published in year 2014-2017 more than 50 articles (SCI & Scopus Indexed) in peer reviewed Journals from IEEE, Springer Elsevier, Taylor Francis, PIERS etc. Department has also organized a National Conference on "Emerging Trends & Innovation in Electronics & Telecommunication" in association with IIT-Delhi, on 28th June 2016.

AWARDS/ ACCOLADES WON BY STUDENTS

Our students added feathers in their cap by winning awards/accolades. Mr. Divesh Popli, Vice Chairperson of MRU IEEE was awarded with outstanding Student Volunteer Award, New Delhi, India 2016. Ms. Alpana Bhanot (ECE 3rd year) won second prize in English Debate Competition conducted by DAV College, Faridabad 2016. Mr. Parag, Rishabh & Ashish Runner-up in Line Follower Robot Competition (Exodia) conducted by IIT Mandi 2016. Ms. Himanshu Bharadwaj & Gaurav K. Sharma won First Prize in Robotics conducted by Echleon Institute of Technology, Faridabad 2016.

New Quality Initiatives of the Department

The department has divided the students of final year in different research clusters with one faculty mentor on five students. They are adhering to do live projects, research and innovation work. Students are also being involved in various industrial projects.

HIGHLIGHTS

Valeo Innovation Challenge 2017: A team (TechSprints) from Manav Rachna University received EURO 5,000 grant from Valeo; Enthusiasm for the Valeo Innovation Challenge is stronger than ever in the contest's fourth year, with participation at a record high. Nearly 5,000 students from around the world and 1,628 teams from 80 countries and 748 universities and schools have signed up to compete. The Valeo Innovation Challenge is an opportunity for students worldwide to play an active role in automotive innovation by imagining the technologies and user practices that will shape the car of tomorrow.

LED Patterns on Ceiling Fans: A team from Manav Rachna University has completed a project funded by Orient Electric, for creating LED multiple Patterns on Ceiling Fans.

DEPARTMENT OF MECHANICAL ENGINEERING

Dr. Sujata Nayak
Associate Professor & Head
B Tech., M Tech (CCSHAU), Ph.D. (IIT D)
Experience: 08 years
Areas of Interest: Thermal Engineering, Solar Energy Engineering



ABOUT THE DEPARTMENT

The department of Mechanical Engineering offers a vibrant and engaging environment for teaching research and learning and lays the foundation for well-groomed professionals in the field. The department is equipped with the latest state-of-the-art teaching aids and facilities in the core areas of mechanical engineering. The laboratories have been strengthened and modernized by procuring state-of-art equipment & latest software. The department is committed to provide an outstanding research and learning environment to its students.

While building a solid foundation of the fundamentals, the students are also exposed to emerging trends in the industry and are moulded to be quality professionals of the future. The students are imparted education beyond the subject knowledge augmenting the class room teaching with instructional cum research based laboratory work, project based learning, intense industrial exposure and hands-on experience on design and fabrication of general products and machine components. All the students undergo compulsory in-house summer training; to develop skills in the application of theory to practical real life problems. They also actively organize various programmes and participate in workshops under the aegis of SAE, ISHRAE and ASME. Students are encouraged to participate in seminars and conferences and they have demonstrated excellence in practical knowledge by making innovative projects and winning prizes consecutively for last many years in the project competitions organized by the Faridabad Industries Association (FIA).

The department has a pool of highly qualified faculty members having rich experience in teaching, research and industry who have been imparting quality education at both, undergraduate and post-graduate level. Faculty has competency in the areas of Design and Analysis, Tribology, Solar Energy, Applied Mechanics, Turbines and Power generation, Fluid Machines, Manufacturing Technologies, Industrial Engineering, Reliability Engineering, Material Science and Renewable Energy.

THRUST AREAS OF THE DEPARTMENT

Mechanical Engineering
Design and Analysis
Manufacturing
Thermal
Industrial
Reliability

PROGRAMMES OFFERED

- B.Tech. (4 years)/B.Tech Lateral Entry (3 Years) Mechanical Engineering
- B.Tech. (4 years)/B.Tech Lateral Entry (3 Years) Industrial Engineering & Management
- M.Tech (2 years) Mechanical Engineering (with specialization in Production & Manufacturing Engineering)
- Ph.D. Mechanical Engineering

The detailed semester wise course structure along with study scheme for the programmes is available on MRU Website.

PLACEMENT OPPORTUNITIES

The opportunities are plenty and endless because of the broad nature of the field that mechanical engineering offers. In the government sector, mechanical engineers can utilize their knowledge into various government run projects in the role of technical experts and consultants. Mechanical engineers are required to design, test, manufacture, install, operate and maintain a wide array of machines and mechanical systems and hence can find employment in private sector undertakings as well as in the government companies like ISRO, DRDO, Indian Oil, SAIL, GAIL, BHEL, NTPC, NHPC, POWER GRID, Railways, CIL, HAL, BEL etc. They can also work in private engineering companies that provide technical consultancy to both government and corporate firms. They not only have countless options in the

industrial sector but they can also make foray into new realms of technology and even get into management and technical consultancy. Major industries include automobiles, aeronautical, power, energy and utilities, air conditioning and refrigeration industry, manufacturing plants, oil and gas exploration, refining industries, agricultural sector, shipping industry, banks, insurance, financial institutions, teaching & research organizations, like Cinda, Krishna Maruti, Federal Moghul, Accenture, Sagacious Research and many others which are our prime recruiters. Under the banner of ISHRAE Bluestar, Voltas, LG, Zamil, Santrupti, Airflow, Magneto Environmental solutions like HVAC & RAC industries also visits our campus for placement drive.

KNOWLEDGE PARTNERS

- DAIKIN AIR CONDITIONING

Department of Mechanical Engineering is currently establishing Centre of Excellence (CoE) for Excellence for Heating, Ventilation & Air Conditioning (HVAC) established in Collaboration with DAIKIN Air conditioning.



NEW QUALITY INITIATIVES

- Project based Learning: The ME curriculum encourages students to undertake a project based approach to various real life situations, thereby inculcating a practical approach towards problem solving.
- Industry Standard Tools: The department is equipped with state of art laboratories required for various courses manned by professionally trained staff. The laboratories have various software installed in the respective course labs which are as per industry standards.
- Faculty Development Program (FDP) - The department organizes FDP at regular intervals in various subjects to keep the faculty abreast with the latest developments in their subject areas as well as of new teaching methodology.

INDUSTRY ACADEMIA RELATIONS

The Department realizes that 'to produce graduates who can offer value to their prospective employers' students essentially need to develop a very strong relationship with Industry and should possess the understanding of business landscape along with its business processes. In order to achieve this goal, the department works in the direction of bridging the industry academia gap by establishing Center of Excellence for different industry & Industry sector, one out of many of such accomplishments is in the form of Center of Excellence for Heating, Ventilation & Air Conditioning (HVAC) established in Collaboration with DAIKIN Air conditioning. Department also conducts talks by Industry Experts for its faculty and students which provides the platform for both the industry and students to determine each other's requirements & work towards fulfilling it.

INDUSTRY EXPERTS LECTURE

The department organizes various industry expert lectures. Various senior industry experts have delivered lectures for the benefit of the students. Lectures were conducted on business ethics by senior executives from Maruti Suzuki, design and development of power trains by Eicher, 3D Printing by Carbon Slice, Construction equipment by Escorts, CNC by RVM CAD Centre, Importance of basic programming by TCS and IES Simulation Software by DBHMS.

FACULTY RESEARCH EXPOSURE

The department's faculty undertakes various in-house and sponsored research activities. Forty research papers have been published in National & International Journals and in proceedings of National & International Conferences of repute, in last two years. The faculty has also added seventy eight FDPs to the department's credit. The department faculty also participates regularly in various National and International conferences.

STUDENT CHAPTERS OF PROFESSIONAL BODIES

The department organizes various activities under the banner of SAE, ASME & ISHRAE student chapter. Some of the activities organized last year are:

- Organized AUTOFIESTA 11.0, Participation in SAE SUPRA, Won Runner Up price in SAE Efficycle, Participated and Secured Third position in Formula Student India, Participated in SAE BAJA.
- One Day Workshop on VMC, Two day workshop on Engine Overhauling. One day workshop on DelCam, MasterCam Programming.
- JOB JUNCTION, One Day Workshop on Heat Load Calculation, One Day Workshop on e-Quest, One Day Workshop on Installation and Selection of HVAC Equipment.

STUDENT ACHIEVEMENT

Our students have brought many accolades not only in national but also in international seminars, project competitions, as well. Abhijeet Singh, Tarun Singh and Vansh mudgil were ranked in Top 24 out of 1680 teams across the world in VALEO INNOVATION CHALLENGE and received a prize of 5000 Euros. Bhawuk from the batch 2013-17, executed the project of formula Student India, Gokart, Eleika. Himanshu Kundal and Aditya from the batch 2014-18, completed the project of Supra 2017-Reverberuns. Ajay Kalkal from the batch 2013-17, finished the project of Mechanical Horse, 5 Bar Mechanism. Mohit Solanki from the batch 2013-17, executed the project of Assistive Bicycle. Siddharth Mannan from the batch 2013-17, completed the project Gokart, Eleika, Automobile. Lakshay Sharma from the batch 2013-17, executed the project Day Night Solar.

STUDENTS PLACEMENT

The department has got excellent placement record of our students in Core Mechanical Engineering Companies. In the current year, the students got placements in various companies with package ranging from Rs. 2 lakhs (approx.) to Rs. 7.6 lakhs with an average of Rs. 3.5 lakhs. Total students in the batch of 2013-17 were 180, eligible students were 75 and 74 were placed. Some of the companies which took our students into their fold were Ashutosh Yadav in Maruti Suzuki, Rohit Goyal in Tata, Arpit Ahuja in LG, Kirti Virmani in Blue Star, Mohit Solanki in Mahindra, Aayush Mathur in Magnetto Environmental Group, Bhupender Singh in Sagacious IP, Rajat Bhalla in Cinda Engineering and so on.



ALUMNI ENGAGEMENT

We are in constant touch with our alumni to get their feedback in order to bridge industry academia gap. The interactions are in the form of expert talk by the alumni and their inputs in course structure and course contents of various subjects.

Details of Alumni are given below:

- Deepesh Kaushik (2012-16) - Assistant Engineer in Maruti Suzuki Ltd.
- Vaibhav Taneja (2012-2016) - CATIA Certified Professional from France.
- Chaitanya Wig (2011-2015), Director, Explore Synergy Inc. New Delhi, External Member of Board of Studies,
- Akshay Kaushik - (2012-2016) - Delivered Alumni Lecture in 2016 Orientation program.
- Tejvir Singh-(2012-2016)- Delivered Alumni Lecture on 1st September 2017
- Rishi Bharadwaj - (2011-2015) - Delivered Alumni Lecture on 22nd November 2017.

DEPARTMENTAL ACTIVITIES

The department organized one day National conference, "Emanations of Sustainable Technologies in Engineering, Science, Management and Education (ESTESME-17)" on 01 April, 2017. Various workshop on MATLAB, Ergonomics and Optimization Techniques have also been conducted. This provided a very good opportunity to our B.Tech and M.Tech students to get exposure to the current developments in the field and present their research paper.



FACULTY OF APPLIED SCIENCES

THE FACULTY OF APPLIED SCIENCES IS COMMITTED TO GENERATE SCIENTIFICALLY SKILLED HUMAN RESOURCES FOR HIGHER EDUCATION AND CONDUCT RESEARCH IN PURE AND APPLIED AREAS OF SCIENCE AND TECHNOLOGY

FACULTY OF APPLIED SCIENCES

DEAN APPLIED SCIENCE

Prof. (Dr.) B.M. Bahal

M.Sc. and Ph.D (IIT Kanpur)

Experience: 37 years of teaching with 29 years of research experience.

Areas of Interest: Nuclear Reactions and Cross-Section measurements, Fast Neutron Physics Applications in Neutron Activation Analysis, Renewable Energy and its Applications.



THE FACULTY OF APPLIED SCIENCES

The Faculty of Applied Sciences is committed to generate scientifically skilled human resources for higher education and conduct research in pure and applied areas of science and Technology. The programmes provide students with flexible and multi-disciplinary course options which aim at imparting in depth knowledge of the domain and a skill set required for addressing the global challenges. The courses are designed to provide a fine blend of classroom teaching and wide hands-on experiences which provide opportunities for the holistic development of the students. All programs offered are in conformation with UGC guidelines and follow Choice based credit system.

Well qualified faculty members, coming from premier institutions, facilitate in achieving our aim by ensuring excellent pedagogy. They conduct international standard research in the emerging areas of sciences and interdisciplinary fields. The teaching learning process gradually leads our students to self-learning, analytical skills and developing a capacity to adapt to emerging fields. To provide them with more practical learning, every theory course has a lab component at UG level. The state of the art labs equipped with modern and sophisticated equipment give us another edge in this regard.

ABOUT THE FACULTY OF APPLIED SCIENCES

The Faculty of Applied Sciences at present comprises of Department of Physics, Department of Chemistry and Department of Mathematics. The highly qualified and experienced faculty impart adequate fundamental knowledge of the associated subjects to the engineering and science graduates and post-graduates. The students at all level are encouraged and supported for carrying out projects and conduct research in selected fields/ areas. The research connects pure science disciplines with engineering practices.

The Faculty of Applied Sciences is engaged in benefiting society through education and research on fundamental and applied aspects of science and technology.

PROGRAMMES OFFERED

- B.Sc. (Hons.) (3 year): Physics, Chemistry & Mathematics
- M.Sc. (2 year): Physics, Chemistry & Mathematics
- Ph.D : Physics, Chemistry & Mathematics



DEPARTMENT OF CHEMISTRY

HEAD OF DEPARTMENT

Dr. Megha Mittal

M.Sc. Ph.D (DRDE Gwalior)

Experience: 14 years

Areas of Interest: Green Chemistry, Water Detoxification by Nano- Green and Biochemical Approach



ABOUT THE DEPARTMENT

The Chemistry department at MRU is committed to excellence in education and research. The department has strong core curriculum complemented by a basket of electives. Our mission is to create and sustain an environment for learning, enquiry and the generation of new ideas to aid the education of future engineers and Science graduates.

The pedagogical philosophy of the department can be summarized as the best way to learn Chemistry is to do Chemistry. The preparation of future professionals requires learning and application of knowledge gained through laboratory work. The curriculum emphasizes the scientific method, chemical inquiry, critical thinking, data acquisition & evaluation along with effective communication.

The department has established a Chapter of Green Chemistry Network Centre (GCNC) in association with Delhi University. It has academic collaboration with various R&D Centres and reputed universities such as University of York, U.K., Delhi University, IIT Delhi, Indian Oil R&D & Shiv Nadar University, which provides us a platform to share and utilize one another's experience and expertise to progress better in our Endeavour.

All the faculty members are Ph.D from IITs or Central Universities with varied experience in academics and industry. They are engaged in various research activities on Basic, Applied and Green Chemistry such as:

- Green Synthesis of Heterocyclic compounds for different applications such as potential anti-cancer agents.
- Removal of Heavy metals from Effluents using Nano-structures and biomass such as Tea Waste / Fruit Peel etc.

- Synthesis of Biodegradable & Biocompatible Polymers
- Development of highly efficient Eco-Friendly Corrosion Inhibitors for different environment.
- Bio-Organic Chemistry; Synthetic Chemistry
- Material Science and Technology

A well-equipped Research and Instrumentation Lab is available in the department, where faculty members and students carry out their research activities and project work. The department is actively engaged in organizing International Conferences, Workshops and Seminars on contemporary subjects. Faculty and students are encouraged to participate in International and National Conferences/Workshops and present their research findings and exchange & update their knowledge. Students are exposed to various industrial trainings to get hands on practices.

THRUST AREAS OF THE DEPARTMENT

Department of Chemistry

Green Chemistry, Green Synthesis, Biofuels, Green Polymers, Water Detoxification Polymer Synthesis,

Polymer Technology, Polymer Characterization, Organic Chemistry, Mechanisms and Synthesis,

Heavy Metal Toxicity, Corrosion, Analytical Chemistry, Patent Drafting, Patent Prosecution

PROGRAMMES OFFERED

- B.Sc. (Hons.) Chemistry (3 year)
- M.Sc. Chemistry (2 year)
- Ph.D.

The detailed semester wise course structure along with study scheme for the programmes is available on MRU Website.

PLACEMENT OPPORTUNITIES

Pharmaceuticals; Chemical Analysis and Synthesis, Quality Control and Quality Assurance; Patent practice, Environmental Law, Forensic Science Lab. Technical Writing, Environmental conservation & Sustainability, Research Labs.

DEPARTMENTAL HIGHLIGHTS

- Invited talks and workshops were conducted on thrust areas such as Polymers, Green Chemistry, Computational Chemistry, Disaster Management and Spectroscopy by Eminent speakers from Academia, Industry and Research Organizations.
- Department has various academic and industrial collaborations with R&Ds and universities at India and abroad.

- We organised Industrial Visit to IIT-Roorkee along with a multinational pharmaceutical manufacturing setup Shreya Lifesciences and Healthcare. The program was built to ensure that students take a leap outside text book arena and learn some practical concepts of Chemistry.
- Department offers training opportunities to its students at various Industries / Organizations which facilitate development of their skills. Through its chapter of Green Chemistry Network Centre (GCNC) department is spearheading the movement to promote green techniques. Its innovation club promotes innovative practices in Chemistry Lab.
- Research activities of department has been featured in QS WOW NEWS LETTERS www.qswownews.com, MCI (P) 140/04/2016
- Innovation club has been featured in QS WOW news wire. Learning with Innovation: Re Think Chemistry, Features in QS WOW News wire, May 2017 <http://qswownews.com/qswownewswire/2017/05/18/learning-with-innovation-re-think-chemistry/>
- Students keep on participating & presenting their papers in various National & International Conferences, seminars & workshops.



DEPARTMENT OF PHYSICS

HEAD - PHYSICS

Dr. Haider Abbas

M.Sc., Ph.D (Jamia Millia Islamia)

Experience: 11 years

Areas of Interest: Electronic structure calculation, molecules formation in interstellar medium and star formation.



ABOUT THE DEPARTMENT

The Department of Physics provides basic as well as advanced knowledge of the subject to the students through well-defined teaching learning process. Besides class room teaching, the academic strategies like tutorials, seminars, workshops, problem solving sessions and open discussions etc. are also used by the faculty. The department of Physics draws its faculty from the premier institutions of the country. The faculty is highly experienced and specialized in the thrust areas of physics. Every faculty member is actively engaged in quality research. Each year the department publishes papers in indexed national and international journals. The department conducts expert lectures and seminars for keeping the students and faculties updated with emerging areas of Physics. In addition to this, the department offers a wide range of core and open elective courses to the B.Sc. (Hons.), B.Tech and M.Sc. programmes.

PROGRAMMES OFFERED

- B.Sc. (Hons.) Physics (3 year)
- M.Sc. Physics (2 year)
- Ph.D.

The detailed semester wise course structure along with study scheme for the programmes is available on MRU Website.

PLACEMENT OPPORTUNITIES

Teaching in Universities, colleges and schools, Civil service exams, Higher studies, Airlines and Railways, Military and Industry, Banking Sector.

RESEARCH COLLABORATION

Our faculty members are motivated to take up high level research work. With the result all of them have contributed in the indexed journals both at National and International level.



THRUST AREAS OF THE DEPARTMENT

Electronic Structure Calculation, Atmospheric Physics, Plasma Physics, Turbulence, Nano-Technology and Nano- Science, Multi-Ferroc Materials, Spintronics, Star Formation, Organic Solar Cells

INVITED TALKS

An Invited talk on "Advance Electronic Materials and Devices" was given by Prof. P.K. Bhatnagar, Retired Professor (Presently UGC BSR Fellow), Department of Electronic Science, University of Delhi South Campus, New Delhi on Friday, 17th March, 2017.

DEPARTMENT OF MATHEMATICS

HEAD - DEPARTMENT OF MATHEMATICS

Dr. A. K. Awasthi, M.Sc., Ph.D, LLB, D.Sc(contd.)
Experience: 17 years Teaching & Research
Areas of Interest: Fracture Mechanics, Mathematical Modeling, Astrophysics, Geneology Project, Bioinformatics.



ABOUT THE DEPARTMENT

Mathematics is an integral part of Engineering & Applied Sciences. We kindle the students to develop strong fundamentals of the subject and the skills required for solving scientific, technical, analytical and mathematical problems. The same is achieved through our well-defined teaching and learning process that includes problem solving sessions, open discussions during tutorials, seminars, workshop, projects etc. The department also equips the student with latest techniques for solving the problems manually as well as with the help of mathematical software.

At MRU, the department of Mathematics believes in 'Learning by Practicing' strategy. The department equips the students with mathematical tools and their applications in diverse fields. Every course in mathematics has a lab component which strengthens the foundation of the course for students.

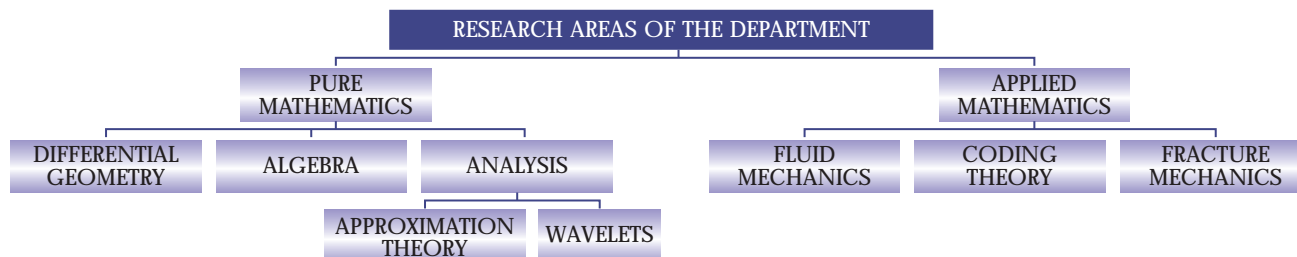
The Department of Mathematics draws its faculty from the premier institutions of the country. The faculty is highly experienced and specialized in areas of Algebra, Analysis, Geometry, Applied Mathematics and Statistics.

The department offers an extensive B.Sc. (Hons.), M.Sc. Mathematics & Ph.D. program.

In addition to this, the department offers a wide range of core & open elective courses to the B.Sc. (Hons.) Physics, B.Sc. (Hons.) Chemistry, B.Sc. B.Ed. and B.Tech. programs. The department focuses on the overall development of the students. Apart from laying the strong foundation of the varied courses, various personality attributes are also groomed by exposing the students to:

- planning & organizing various events at University level,
- participation in conferences, workshops and extra-curricular events,
- imbibing new ideas through educational visits and
- improvising behavior through motivational lectures

THRUST AREAS OF THE DEPARTMENT



PROGRAMS OFFERED

- B.Sc (H) Mathematics (3 year)
- M.Sc (Mathematics) (2 year)
- Ph. D Mathematics

The detailed semester wise course structures along with study scheme & laboratory for the programs are available on MRU Website.

PLACEMENT OPPORTUNITIES

Mathematicians have vast opportunities in academia & industry. Student can go for Teaching, CSIR-NET, Actuarial Sciences, MBA, Research, Banking Sector, UPSC, Civil Services etc.

ACTIVITIES

- Invited lecture on 'Nature inspired Optimization Techniques' by Dr. J.C. Bansal Assistant Professor, South Asian University, New Delhi, was organized by the department of Mathematics on 13th March 2017.
- Invited lecture on "Applications of Numerical Methods in Engineering" by Dr. Arshad Khan, Assistant Professor in Department of Mathematics, Jamia Millia Islamia was organized by the Department of Mathematics, for the Electronics & Communication Engineering students. About 100 students attended the lecture.
- Department of Mathematics conducted a workshop on Solar Power and Its Application in various fields with the help of The Centre of Smart Solar Energy on 17th March, 2017.



FIELD VISIT

A visit to TERI GRAM and Asola Bhatti wildlife sanctuary was organized for the first year B.Sc (H) MATHEMATICS students during their orientation program 2017.

STUDENT ACHIEVEMENTS

- Mr. Rizvan, student MSc. (Mathematics), Department of Mathematics, Manav Rachna University along with his faculty mentor Dr. Ruchi Gupta (Assistant Professor, MRU), under the guidance of HOD, Dr. A.K. Awasthi, presented the research paper on 'MHD Viscous Viscoelastic Fluid through Magnetic Field' in an International Conference on Mathematics and Applications held from 26th -28th April, 2017 organised by Ramjas College, University of Delhi.



FACULTY OF MANAGEMENT & HUMANITIES

THE FACULTY OF MANAGEMENT AND HUMANITIES COMPRISES DEPARTMENT OF
MANAGEMENT AND COMMERCE AND DEPARTMENT OF HUMANITIES & LANGUAGE.

FACULTY OF MANAGEMENT & HUMANITIES

The Faculty of Management and Humanities comprises Department of Management and Commerce and Department of Humanities & Language. The Faculty has an interdisciplinary, multi-disciplinary and trans disciplinary approach with talent in diversified fields of Communication Skills, English language, Business management and Economics, Behavioral Science, Entrepreneurship and Financial Management and Accounting. The curriculum and pedagogy is industry driven and differentiated through collaborative programs with International and National institutions and professional associations. The focus is on management practice and experiential learning so that students graduate with requisite knowledge and skills required in a globalized, dynamic and competitive environment.

Students learn core management concepts and techniques in the first year followed by advanced knowledge and practicing skills in the area of specialization opted for in the second and third year.

Faculty has blend of academic and industry experience with expertise in research, consulting and teaching. The faculty also offers doctoral programme and has the state-of-art infrastructure.

DEPARTMENT OF MANAGEMENT & COMMERCE

HEAD-DEPARTMENT OF MANAGEMENT & COMMERCE

Dr. Rajat Gera, B. Tech. (Allahabad University),
PGDRM - (IRMA) Ph.D (GGSIPU)

Experience: 18 years

Areas of Interest: Service quality, E-learning, Corporate Reputation,
Structural Equation Modeling, Customer Satisfaction, Value, Customer
Loyalty and E -Commerce



The Department of Management & Commerce aims to inculcate and practice the philosophy of learning-by-working. Students learn to apply the conceptual knowledge gained in the program through practice and application in real world situations to identify, evaluate & resolve business management problems and situations.

The Department is graced by faculty of eminence, Prof (Dr) Sanjay Srivastava, Vice Chancellor, Manav Rachna University and MD, Manav Rachna Educational Institutions. He is an eminent academician, researcher, consultant and trainer in the field of Psychology and Organizational Behaviour.

The faculty of the Department is mostly Ph.D qualified with varied and rich experience in academics and Industry.

PROGRAMMES

The Department of Management and Commerce offers Ph.D, PG and UG programmes.

UNDER GRADUATE PROGRAMMES - (3 year)

- Bachelor of Business Administration (BBA- Finance & Accounts) CMA USA Integrated and endorsed by Institute of Management Accountants, USA.
- Bachelor of Business Administration (BBA- Entrepreneurship & Family Business) in association with National Entrepreneurship Network (NEN) and National Institute for Entrepreneurship and Small Business Development (NIESBUD), Government of India.
- Bachelor of Business Administration (BBA- Health Care Management) in association with Cygnus Hospitals, India.
- Bachelor of Business Administration (BBA- Operations Management with specialization in Logistics, Supply Chain management and Project Management)

KEY FEATURES OF THE PROGRAMMES:

BBA (FINANCE & ACCOUNTS)- CMA USA Integrated

- Manav Rachna University is recognized as partner University by Institute of Management Accountants , USA
- CMA, USA is professionally recognized by ICAI., India

- CMA USA, is the highest qualification in management accountancy in the US which enjoys international recognition especially in Middle East and China.
- Training on CMA integrated curriculum in Semesters 2, 3 & 4 by IMA, USA certified professionals
- Training on IMA, USA official test preparation materials through Wiley CMAexcel Learning System and at IMA USA approved centers in India
- Up to 50% discount in IMA membership (2 years), CMA Certification Entrance Fees and CMA Exam Fees
- Option to appear for CMA USA online examination from semester 5 onwards
- Training and access to financial software and tools
- International Immersion opportunities through student exchange, International Internships & participation in conferences and projects.
- Guest lectures and industry visits





PLACEMENT & INTERNSHIP OPPORTUNITIES

Financial services or consulting firms across the globe and in US-based firms

CAREER OPPORTUNITIES

- Financial Analyst; Financial planning; Financial Risk Management; Corporate Finance (M&A, IPO, Share and Debt Issues); Management consulting and Performance Management; Management & Cost Accounting; Algorithm Executives; Investment Analyst; Cost Analyst; Internal auditing; Venture Capital; Information Technology specialists (especially as applied to accounting); Corporate Governance

ACADEMIC OPPORTUNITIES

- CMAs can pursue the CPA certification
- CMA is very widely recognized and respected by all US and universities across the globe

BBA (ENTREPRENEURSHIP & FAMILY BUSINESS)

- Program design, and delivery in association with National Entrepreneurship Network (Wadhvani Foundation) and NIESBUD, Ministry of Small and Medium Enterprises, Government of India. SME
- Mentoring & Infrastructural Support for new venture creation by Manav Rachna Innovation and Incubation centre (MRIIC)
- Management simulation on software licensed by "Marketplace, U.S.A Simulation Games".
- Access to platforms like Startup Jalsa, Angel networks and UpGrad
- Opportunities for entrepreneurial contests like Accenture Innovation Jockey, Google Innovation, Microsoft Imagine Cup
- Opportunities for mentoring by expert Start up gurus and mentors like Sharad Kohli (KCC group), Sidharth Aggarwal (BQ Express, Cooper's Grill & Bar, MHCPL), Anil Chopra (Zyxor consulting), Sarvesh Pancholi (Popularizers Digital Marketing)
- Infrastructural, product development and financial support for start-ups by NEN, NIESBUD and MRIIC
- Educational, mentoring and training support by Manav Rachna Entrepreneurship Development Cell (MREDC)

- E-cells for entrepreneurship through structured activities, campus companies, Smart E Challenges, workshops, interactions with entrepreneurs, startup internships and events
- International Immersion opportunities through student exchange, International Internships and participation in conferences and projects.
- Access to Research & Innovation Clusters (RICs), Business Incubator and Centers of Excellence (CEs) at campus
- Hands on opportunities to solve real world business problems during internships and industry projects

PLACEMENT & INTERNSHIP OPPORTUNITIES

Students can start their own businesses, run family businesses, and manage new ventures within established organizations in various job profiles as

Small Business Owners; Business Consultants; Business Reporters; Fundraisers and Development Officers; Sales Managers; New Venture Developers; Business Valuator

In various organizations like Government Institutions involved in entrepreneurial education and training, Venture Capital and Angel Investor firms, Banks and Financial Institutions, Start ups and Medium and Large Corporate's.

BBA (HEALTH CARE MANAGEMENT)

Program designed and delivered in association with Cygnus chain of Hospitals; Assured Internship and Guaranteed Placement; Compulsory internship of six months each with stipend Rs. 6,000 to Rs 8,000/-Per month in second and third year; On-the-Job Training (OJT) from second Year onwards; Training by Doctors and managers of Cygnus Hospitals and Healthcare professionals; Hospital and Healthcare Facilities visits; Projects and Internships; Students complete one year On-the-Job training equivalent of work experience during the program; Career options in pharmaceuticals sector, government agencies, insurance organizations, hospitals and consulting firms in the health sector.

CAREER OPPORTUNITIES IN

Inventory & Stores Management (Medical, Technical, Capital Consumable Stores), Records Management (Medical & Allied), Corporate Communication, Brand Building, Marketing, Patient Coordination & Innovative Care Management, Finance & Accounts, New Projects and Budgeting, Hospitality & Catering, Infrastructure, Estate, Security & Facilities Management, Human Resources Management, Training & Development and Innovations in Medical Industry.

REPRESENTATIVE JOB PROFILES

Health care Manager; Healthcare Analyst; Hospital administrator; Pharmaceutical project manager; Health Service manager; Health care finance manager

BBA OPERATIONS MANAGEMENT (With Specialization Supply Chain Management/ Logistics Management/ Project Management)

- Option to specialize in Supply Chain Management/ Project Management/ Logistics Management in semester's V and VI
- Opportunities and support for Global professional certification by APICS USA (Association for Supply Chain Management)
- Curriculum designed in association with APICS USA and CII - Institute of Logistics for SCM and Logistics.
- Industry vetted and driven curriculum
- Experiential learning pedagogy-Live projects, Case studies,
- Industry visits and internship opportunities
- Industry project from 2nd year onwards as part of curriculum



- Training on Operations Management software tools
- Management simulation on software licensed by "Marketplace, U.S.A Simulation Games"
- Student exchange programmes and study tours at the Institution, College and Department levels
- Opportunities for International Internships and participation in conferences and projects.
- Hands on opportunities to solve real world business problems during internships and industry projects
- Mentoring by Industry experts in semester's V and VI
- Compulsory internships in year's 2 and 3

JOB OPPORTUNITIES IN

Manufacturing, Consulting Firms, Hospitality, Financial Institutions, Construction, ITES, BPO/KPO, Retail, Information Technology, Insurance, Logistics and Transportation Logistics Operations

CAREERS OPPORTUNITIES IN

Customer Service; Purchasing; Supply Chain Operations; Warehouse Operations; Inventory Control; Transportation Services; Transport Operations

REPRESENTATIVE JOB PROFILES

Retail Operations Manager, Operations Manager, Operations Executive, Assistant Manager Operations, General Operations Managers, Store Manager, Plant Manager, Business Development Manager, Senior Technical Manager, Inventory Manager, Purchase Manager Area Operations Manager, Process re-engineering Managers, IT Operations Administrators, Deputy Manager - Cinema Operations, Manufacturing consulting Managers, Channel Manager for GSM operations, Customs Broker, Inventory and Materials Manager, Operations Research Modeler, Production Manager, Purchasing Manager, Transportation Planner, Warehouse Manager

Ph.D. PROGRAMME

Faculty of Management & Humanities offers full time Ph.D. programme in Management. The faculty encourages the research scholars to take up research projects in multidisciplinary areas. The guides/ supervisors for the research scholars are renowned researchers, academicians from India and abroad. Some of the broad research areas include Finance, Management, Accounting strategy, Marketing, Human Resources, Organizational Behavior, Operations, Supply Chain Management, Banking, Insurance, Green Management, Entrepreneurship & Consulting, E-commerce

DEPARTMENT LINKAGES & TIE-UPS

Foreign Knowledge Partnerships such as Royal Agricultural University, UK; Tennessee University, USA; Wiley's, India Association of International Accountants (AIA), President University, Indonesia; Institute of Management Accountants, USA; Lahti University of Applied Sciences, Finland; University of West England, Bristol, UK and Purdue University, USA

INDUSTRY ASSOCIATIONS

- Cygnus Hospitals, FIA, FSIA, AIMA, PHD Chambers, CREDAI, BMIC, FICCI, NEN, SIDBI, NIESBUD, NSIC, MSME, NEN, Miles Education

ACADEMIC STRENGTHS

- Accomplished Doctoral Faculty, Applied research and relevant outreach activities
- Regular interface with Industry leaders and academic experts (Guest lectures and Industry visits)
- Training on financial software, data & support in training, research and pedagogy.
- Multi-disciplinary learning with choice of subjects over and above the core management subjects
- Industry-driven curriculum and pedagogy (case studies, role plays, simulation and business games).
- Focus on applied and experiential learning
- Professional Development/ Foreign language/ Soft Skill Development/ Communication skills is part of the curriculum
- Industry Projects and Internships
- International Immersion opportunities
- Choice Based Credit System (CBCS) with a basket of Elective and skill based Courses



- Prof Dr S Srivastava awarded International Honorary Research Fellowship for five years upto 2021 at Lahti University of Applied Sciences, Helsinki, Finland by Prime Minister of Finland.
- Dr. Bindu Agrawal, was certified as Master Business Coach by leading simulation games company, Marketplace® Live, USA. She earned this certification at Townsend, Tennessee, USA in the month of April 2017. It was a funded training programme by Market Place Live.
- 25 Guest Lectures by eminent industry experts
- Co-Organizer of International Conference, ICFBE 2017 at Bali, Indonesia
- All students underwent Summer Training in Industry
- Two Industry visits and One Academic Visit for students



KEY FACULTY ACHIEVEMENTS IN 2015-17

- Prof Dr S Srivastava delivered the Keynote Address at THE 2017 INTERNATIONAL CONFERENCE ON FAMILY BUSINESS AND ENTREPRENEURSHIP (ICFBE 2017) Grand Inna Sanur Bali Beach Hotel, May 3-5, 2017
- Prof Dr Sanjay Srivastava published a book "The Timeless Wisdom from Gita and the Art of leadership" which was launched by Honorable Governor of Haryana on April 4, 2017
- Prof Dr Rajat Gera was Conference Chair for the panel presentation session at THE 2017 INTERNATIONAL CONFERENCE ON FAMILY BUSINESS AND ENTREPRENEURSHIP (ICFBE 2017) Grand Inna Sanur Bali Beach Hotel, May 3-5, 2017, Bali, Indonesia

PLACEMENT SUPPORT

The Career Development Cell imparts training in Communication (Interpersonal and Intra Personal), Grooming, Negotiation, Group Discussion, Team Work and Leadership.

The Corporate Resource Center facilitates internships and placements. Over 150 Corporates offered placement to students in various programs with placement package of upto Rs 10 lakhs per annum for graduates.

The Manav Rachna Entrepreneurship Ecosystem facilitates the creation of new products and services & the launch of new ventures

STRATEGIC MENTORS

The Program is mentored and guided by an Advisory board consisting of renowned and accomplished industry leaders, corporate heads, academicians, practitioners and experts in finance, sales and marketing, energy, construction and environment, entrepreneurship, media, sports, real estate, project management, healthcare and international relations. The list of advisory board members is available at MRU website.

DEPARTMENT OF HUMANITIES AND LANGUAGE

Prof. Jaideep Singh
LLB, MSW

Experience: 32 years

Areas of Interest: Value & Strategy, Manpower Planning, Competency Mapping, Employee Engagement, Performance Management, Soft Skills.



ABOUT THE DEPARTMENT

The Department of Humanities and Language seeks to create pro-active citizens and everyday leaders. It supports excellence in education through a diverse, dynamic, and personalized academic environment that emphasizes engaged learning. We educate students to embody holistic knowledge, inspire critical & innovative thinking, possess dynamism, polish oral as well as written communication skills, and become global citizens. We encourage the students for their active participation in extra-curricular activities which results in their all-round development. It also helps to prepare students to become responsible, conscientious members of society. In addition, this education and training will equip students to make positive changes in their personality.

Our endeavour is to empower the students for their future careers in their chosen fields. The teaching of humanities is anticipated to make students realize that the sheer possession of knowledge is worthless unless it orients to constructive ends. To make them aware that knowledge alone is shallow, if it is not associated with ethics, values and morals. We strive to develop all the three domains of our students' i.e. Cognitive, Affective and Psycho-motor.

Located within Department of Humanities and Language, the English Language cluster looks after the area of Business Communication. Now in sync with the changing times, we have branched out and the effort now is geared towards bridging the gap between the place of study and the place of work by enhancing students' employability skills as well.



THRUST AREAS OF THE DEPARTMENT

Department of Humanities and Language

Business English

Communicative English

Business Communication

Language Studies

Soft Skill Development



FACULTY OF EDUCATION

LEARNING IS A JOURNEY AND OUR STRATEGY AT DEPARTMENT OF EDUCATION, MANAVRACHNA UNIVERSITY IS THE MAP. THE DEPARTMENT THROUGH ITS SPECIALLY DESIGNED CURRICULUM GOES BEYOND THE DEMANDS OF CLASSROOM TEACHING AND AIMS AT GROOMING PROFESSIONALS WHO WOULD BE SOUGHT AFTER BY EVERY PROGRESSIVE SCHOOL BY VIRTUE OF THE SKILL SET INCULCATED BY THE TRANSACTED PROGRAM.

FACULTY OF EDUCATION

DIRECTOR'S MESSAGE

Mrs Sanyogita Sharma

M.A. (English) B.Ed.

Experience: 30 years

Areas of Interest: Life Skill Education, Innovations and Initiatives in Education, Capacity and Competence Building.



We are not 'JUST' teachers; we are the managers of the world's greatest resource: Children!!

River John Meehan

Learning is a journey and our strategy at Department of Education, Manav Rachna University is the map. The department through its specially designed curriculum goes beyond the demands of classroom teaching and aims at grooming professionals who would be sought after by every progressive school by virtue of the skill set inculcated by the transacted program.

constantly equipped with the desired skills to remain best facilitators, thus making a significant contribution to the improvement of educational practices in partnership with schools, colleges and educational agencies.

Advancement in Science and Technology has been kept in mind while designing the requirements to meet 21st century challenges of imparting the knowledge. The NCTE guidelines have been minutely followed during curriculum design and innovative pedagogical practices woven

experienced faculty at the Department of Education is equipped with the world-class skill set to impart the best. The rich infrastructure at wi-fi enabled Manav Rachna Campus comprises of Performing Arts Studio, Visual Arts lab, Psychology lab, Curriculum lab, Science lab, Techno Planet Units, Health, Sports Science centers and rich knowledge house in the name of library.

A big advantage of various programs offered at MRU campus is the substantial support from the Faculties of Engineering,



Good teaching demands constant refinement and fine tuning. Faculty of Education is well versed with the constant changes taking place in the field of education. The teachers need to be

with psychological principles are built into the system.

A progressive teacher is a magician, who brings life to every concept transacted in the classroom. The highly qualified and

Applied Sciences, Law, Humanities and Management. Above all, the ever growing chain of Manav Rachna International Schools and Kunschkappskolan Schools will be the live laboratory to impart exposure of international school practices.

DEPARTMENT OF EDUCATION

HEAD OF THE DEPARTMENT

Dr Babita Parashar
M.Sc. (Bio Sciences) M.Ed (Gold Medallist) Ph.D. (Education)
Experience: 15 years
Areas of Interest: Instructional Designing, Assessment and Evaluation, Research based Teacher Education.



ABOUT THE DEPARTMENT

The department aims at grooming facilitators who will be an asset to every progressive school they serve in. Across all the programs offered by the department, research based methodology forms the core. The students are introduced to industry requirements by means of field visits, expert lectures, workshops, alumni interactions and orientation by policy planners. Interdisciplinary atmosphere at the campus gives them the edge over any stand alone teacher education college. Structured visits and School mentor association with allied chain of Manav Rachna International Schools provides them the rare opportunity of on the job training. Extended support from Career Development Centre and Corporate Resource Centre carves a sought after professional from the students.

State of the art facilities, specially designed curriculum and diverse kind of exposure, is extended through International Collaborations of Manav Rachna University with over 40 International Universities.

PROGRAMMES OFFERED

- Integrated B.Sc.B.Ed (4 year)
- Integrated B.A. B.Ed (4 year)
- B.Ed (2 year)
- M.A. (Education) (2year)
- Ph.D. (Education)

Opportunities for teaching practice, internship and merit based preferred placements at Manav Rachna International Schools and Kunsapsskolan Schools.

The detailed semester wise course structure along with scheme for the program is available at MRU website.

DISTINCTIVE FEATURES

- Meticulously designed curriculum, encompassing behavioural domains.
- Field exposure spread across all semesters to allied schools with focus on generating awareness, sensitization regarding emerging social and educational issues.



- Field Visits to Centres of Excellence across the Nation to bridge the gap between theory and practice.
- Focused STEAM based workshops
- 21st Century Skill set inculcation.
- Guidance and Counselling Certification
- Foreign Language Certification.
- Industry supported Content Design programs.
- Incubation support to Entrepreneurial Ventures

PLACEMENT OPPORTUNITIES

With an ever growing education sector, there is no dearth of employment opportunities. Education as a specialization has vast opportunities in teaching at School and University level, curriculum planning, educational administration, Content Writers and Editors with publishing houses, as Instructional Designers with multi-nationals, Career Counsellors, Special Educators and policy planners with SCERT/NCERT. Merit based placement opportunities are also being offered with allied chain of schools.

THRUST AREAS OF THE DEPARTMENT

Department of Education
Global Curriculum
Techno Planet/Skill Lab
Performing Arts Workshops
Soft Skill Development
E-assessment Specialization
Inclusive and Special Education Training
Industry oriented training in Content development.

ACADEMIC PARTNERS

- Directorate Secondary Education, Govt. of Haryana have proposed partnership with Faculty of Education, MRU for academic excellence of government schools of Faridabad district.
- Manav Rachna International Schools as live learning laboratory for students to get first-hand experience of a formal school set up.
- Kunsapsskolan schools as academic partners.
- Microsoft Imagine Academy.

OUTSTANDING ACHIEVEMENTS AND RESEARCH CREDENTIALS OF THE FACULTY

- Dr Babita Parashar is a resource person with SWAYAM-PRABHA, MHRD venture towards Digital Initiatives in Higher Education
- Faculty of Education has its presence across a plethora of research domains namely Value Education, Comparative Education, Sustainable Teacher Education, Curriculum Development, Inclusive Education, Constructivist Pedagogy and Assessment and Evaluation through research publications in various National and International Research Journals of great repute.



FACULTY OF LAW

ONE MAY INDEED FIND THE ESSENCE OF LAW IN HENRY BEECHER'S FAMOUS SAYING, "A LAW IS VALUABLE, NOT BECAUSE IT IS A LAW, BUT BECAUSE THERE IS RIGHT IN IT".

FACULTY OF LAW

Prof. Jose Verghese (Professor Emeritus)
B.A., B.Ph., LL.B., LL.M., Ph.D. (Delhi University)
Experience: 45 years



Prof. Jose P. Verghese is Professor Emeritus with Faculty of Law, MRU. He is an acclaimed academician and accomplished arbitrator. He has been and is member of Academic Council in many institutions of national repute including NLSIU, Bangalore, NLU, Jodhpur, HNLU, Raipur (Ex-Officio), Central University, Gujarat, Sikkim Central University, AP State Law University and Jain University, Bangalore etc. He has been and is member of Governing Councils of these and other bodies including NLU, Jodhpur, HNLU, Governing Councils, Member Nominated by UGC: JSS Law College, Mysore, Ranchi College, Ranchi, St. Xavier's College, Ranchi, and Finance Committee, Member Nominated by UGC: Birla Institute of Technology, Ranchi.

LAW AT MANAV RACHNA UNIVERSITY

One may indeed find the essence of law in Henry Beecher's famous saying, "A law is valuable, not because it is a law, but because there is right in it". To be aware of one's rights and to be sensitive to those of others, is just a concomitant to studying law.

Legal education is a human science which engages with basic human philosophies, ideologies, critiques and instrumentalities. The purpose of Law is to secure basic freedoms for all, maintain law and order and unlock a 'Just' order in the society. A career in the legal profession can be intellectually challenging, personally fulfilling and financially rewarding. Law is one of the noble and elite professions.

Studying law at Manav Rachna is one of the best decisions, a student can make. Faculty of Law, MRU is offering 5-years Integrated Law Programs in three streams with Honours. The three Law Programs offer distinct specializations. The Law Programs offered are BALLB (Hons.) with option to specialize in Criminal law or Constitutional law; BBALLB (Hons.) with option to specialize in Business laws or Intellectual Property Rights; B.Com LLB (Hons.) with option to specialize in International Trade Law or Law relating to Finance. Law students at MRU, are exposed to wide range of subjects. Besides strictly complying with the rules of legal education prescribed by the Bar Council of India (BCI), Faculty of Law at MRU also offers supplementary subjects like environmental studies, foreign languages and optional seminar courses.

Faculty of Law employs teaching pedagogy that stresses upon practical training and case-law discussions. Students are compulsorily made to undergo departmental seminars and moot court exercises in order to reinforce the classroom learning, giving students a real taste of what it's like to practice law. A weekly tutorial provides students with an opportunity to resolve their subject specific doubts. MRU offers choice-based credit system wherein a student may take a course only if he is willing to, provided the minimum credits are earned. Single credit courses of 15 hour duration, student-exchange, Foreign

University collaborations, workshops, conferences and seminars ensure that varied disciplines and branches of law are introduced to students here. We, at Manav Rachna welcome you all, to visit the Faculty of Law with its futuristic infrastructure, moot court hall and a superlative law library that won't leave you insatiated!

PLACEMENT OPPORTUNITIES

The legal profession is one of the most lucrative and sought after by the students today. And not without reasons! A law student gets invariably equipped with a host of skills such as critical analysis, lateral thinking, research and public speaking. There is no dearth of good prospects available for a sincere law student. Litigation or court room practice, Law firm practice, judicial clerkship, solicitor, arbitration, Mediation, LPO's, Corporate firms etc are other popular avenues that enable a law graduate to find firm footing after Law School. Apart from Judicial and Civil services, a law graduate may opt for higher studies too either in the field of law (LLM) or any other fields such as MBA or MBL etc. depending on one's interest. Lawyers can be employed in various fields, be it litigation, judiciary, as in-house counsels in organizations, corporate lawyers, legal officers and advisors, and many more. Due to the trans-border nature of the legal profession, lawyers now-a-days are also practicing in international law firms. Many students are attracted towards this profession as they are instilled with a sense of justice and helping those in need within the legal framework. In short, the legal field holds hundreds of legal careers including multinational-corporation, International Organizations like UN, academics, court-room practice, Judicial Services and Civil Services etc.



FACULTY OF LAW

ADVISORY BOARD



It is particularly felicitous for the Faculty of Law to have an Advisory Board which boasts of High Court Judges, Senior Advocates, IAS officers, Former Law Secretary to Ministry of Law and Justice, ASG and other legal luminaries as its eminent members. In addition, Faculty of Law also has Board of Studies and Board of Faculties to advise, supervise and finally vet the program structure, course content, scheme of evaluation etc. for all the Law Programs. Law professors from Delhi University, Indian Law Institute, Guru Gobind Singh I.P University Delhi, National Law Universities and Foreign Universities are the members of these Boards.

NAME
Hon'ble Mr. Justice R.C. Lahoti (Former CJI)
Hon'ble Mr. Justice K.K. Lahoti (Former Acting Chief Justice, High Court of MP)
Hon'ble Mr. Justice Kailash Gambhir (Former Judge, High Court of Delhi)
Hon'ble Mr. Justice Rajiv Bhalla (Former Judge, High Court of P & H)
Mr. Atmaram Nadkarni (ASG, GOI)
Mr. Jasbir Singh Bajaj (IAS)
Mr. R.K. Bajaj (Former Chief Commissioner of Income Tax)
Mr. Parag Tripathi (Senior Counsel)
Mr. Gourab Banerji (Senior Counsel)
Mr. Ravindra Srivastav (Senior Counsel)
Mr. Gopal Jain (Senior Counsel)
Mr. Sanjeev Sharma (Senior Counsel)
Mr. Vinay Bhasin (Senior Counsel)
Mr. Ashok Gupta (Senior Counsel)
Mr. Sudhir Sharma (Partner, Luthra & Luthra)
Mr. Anup Trehan (Partner, Access Law)
Mr. Divyakant Lahoti (AOR)
Mr. Shashank Garg (Partner, Advani & Co.). Convener



LIBRARY - SHRI RATAN LAL LAHOTI MEMORIAL LAW LIBRARY

Faculty of Law has an exclusive Law Library. Former Chief Justice of India Hon'ble Shri R.C. Lahoti has adopted the Law Library, which contain a rich collection of Law books, Journals, SCC Manual, AIR Reports, All England Reports etc. besides a Digital Library through which a large database of national, international journals can be freely accessed like SCC Online etc. Hon'ble Justice R.C. Lahoti has contributed books from his personal collection

DEPARTMENT OF LAW

HEAD OF THE DEPARTMENT

Dr Versha Vahini
B.A.LL.B., LL.M., Ph.D (Competition Law) from
Indian Law Institute, New Delhi APH
Experience: 15 years
Areas of Interest: Corporate Law & Competition Law



PROGRAMMES OFFERED

Programs offered	Specialization offered
B.A. LLB.	Constitutional Law and Crime & Criminology
B.B.A LLB.	Business Law and Intellectual Property Rights
B.Com LLB.	Law Relating to Finance and International Trade
LL.M.*	International Trade Law, Intellectual Property Rights, Corporate Law, International Commercial Arbitration.

*Subject to approval of Govt. of Haryana

Faculty of Law has collaborated with CLAT to make CLAT score part of the criteria for merit for admission to 5 years' integrated law programs at MRU.

MEDALS AND SCHOLARSHIPS

Faculty of Law confers

- Justice R. C. Lahoti Gold Medal for the meritorious student
- Scholarships to meritorious students every year as per the University Policy

ACTIVITIES AT FACULTY OF LAW

Faculty of Law hosted 2nd Experts Workshop on Criminal Prosecution in India' organized in collaboration with Haryana Police on 16th of April, 2017. The Workshop was inaugurated by Justice Mr. Chelameshwar, Judge Supreme Court of India.

Faculty of law also held a "Seminar on Welfare of Senior Citizens: Issues, Challenges, and Way Forward". The Program was organized by Haryana Legal Services Authority. The Program culminated into launching of a ten days Campaign for Senior Citizens titled as "YOU ARE NOT ALONE." The Campaign was launched by Hon'ble Mr. Justice Deepak Misra, Present Chief Justice of India.

Faculty of Law held Orientation Programs on "Career in Law" for law aspirants in the start of the session.

INVITED LECTURES AND TALKS

To give a comprehensive world view of the legal profession, it is imperative to hold guest and invited lectures and talks for the students. To keep this spirit, we invited Prof. V. K. Dixit, Retd. Prof., Delhi University to deliver talks "sociology of law" and "Legal Methods." Prof. Dixit is a professor with profound knowledge and experience. We also organize Moot court Workshops, stimulus exercises and motivational talks for the students to instill in them required skill and sense of responsibility.



LAW WEEK CELEBRATIONS

The Constitution of India was adopted by the Constituent Assembly on November 26, 1949. Every year, this day is celebrated as Law Day all over India, especially by members of the legal fraternity. The Constitution was delightfully designed to make this country a Democratic Republic to be governed by Rule of Law & continue it as one huge nation with its astonishing & matchless unity in diversity.

To commemorate the contribution of the founding fathers and celebrate its undaunted spirit, we at Faculty of Law, Manav Rachna University organize 'LAW WEEK' during the third week of November. During this week, invited lectures were held. Law quiz and Poster Making competition were thrown open for the students of MRU. Justice K. G. Balakrishnan gave the culmination address to the Law Students. He also released the Faculty of Law NEWSLETTER.

STUDENTS' ACTIVITIES

Faculty of Law welcomed its fresh batch of law students through a comprehensive Orientation Programs specially designed to initiate students into law and legal profession. The speakers inspire and motivate the students towards the glorious legal profession.

We also organize visit to Supreme Court and High courts. Last year, in the second week itself, law students were taken to the Supreme Court Museum. Students were filled with the feeling of elation and exhilaration. They were exposed to historical artifacts and archives. The reports of Federal Court, Privy Council Judgments and other path-breaking decisions of the Hon'ble Supreme Court like Keshvananda Bharati, S.R. Bommai etc were displayed there. The students couldn't wait to be inside the courtrooms in Temple of Justice! Law students also visited High Court of Delhi wherein they sat in the courtroom and observed the proceedings therein.

Law profession is a public profession. Legal professionals need to have sense of responsibility and obligation towards systems and persons. Faculty of Law organized and hosted an elocution contest on "My Vision of Corruption Free India" in collaboration with CVC through Punjab National Bank. Faculty of law also organized moot court competition for the law students.

Faculty of Law threw Fresher's Day carnival for the fresh batch of students, wherein Mr. and Ms. Fresher were chosen based on their talents and presentation.

FACULTY NEWS

Dr. Versha Vahini, HOD, Faculty of Law, MRU was invited to judge Moot Court Competition at the Raffles University, Neemrana and another Moot Court competition at the Ansal University, Gurgaon.

Ms. Priyanka Maderna & Dr. Versha Vahini Conducted Expert Workshop on "Women and Law" at DAV Centenary College, Faridabad. Ms. Priyanka Maderna also oriented the students towards Law and Legal Profession at an Orientation Programs on "Career in Law" organized by Faculty of Law, MRU.

Mr. Aditya Dhawan attended a Conference at Chandigarh, on Role of "Institutions and Experts in International Arbitration" was organized by ICC (International Chamber of Commerce) Young Arbitrators Forum in collaboration with P&A Law Offices and FTI consulting. Mr. Aditya Dhawan also attended a conference on "New Geometry of Trade" organized by South Asia International Economic Law Network (SAIELN) at IIFT, New Delhi.

DOCTOR OF PHILOSOPHY PROGRAMME



Manav Rachna University is a multidisciplinary & interdisciplinary research driven University. University invite on-line Applications from the eligible candidates for admission to Doctoral (Ph.D) Programme as per UGC Minimum Standards and Procedures for Awards of M. Phil / Ph.D Degree Regulations, 2016 dated 05.05.2016 published in the Gazette of India dated 05/07/2016.

AREAS OF EXPERTISE AVAILABLE IN THE DEPARTMENTS

Substantial research is being undertaken in the various faculties. In an endeavor to carry forward the research impetus, the University offers full time Ph.D. programmes in various Faculties. Broadly, the research activities are going on in the following main areas:

1. Computer Science & Technology

Search Engine and Hidden Web, Communication Systems & Networks, Distributed Computing, Education Technology, Soft Computing Techniques, Artificial Intelligence, Pattern Recognition, Machine Learning, Data Mining, Genetic Algorithms, Network Security, Information Sciences, Applied Algorithms, Statistical Computing, Game Theory, Information theory & Statistics, Computational Models & Optimization, Bio-metrics & Security.

2. Mechanical Engineering

Tribology - Thin Film Lubrication (EHL/micro-EHL), Wear Phenomena, Friction and (scuffing) Failure Phenomena, Solar Energy and its Applications, Turbo-machines, Thermal Engineering, Fluid Mechanics Industrial Engineering and Management, Operations Planning and Control, Maintenance Management, Multi-Criteria Decision Making, Reliability Engineering.

3. Management

Finance, Management, Accounting strategy, Marketing, Human Resources, Organizational Behavior, Operations, Supply Chain Management, Banking, Insurance, Green Management, Entrepreneurship, Consulting.

4. Physics

Renewable Energy, Solid State physics, Atmospheric Science, Theoretical condensed matter physics, Materials science.

5. Mathematics

Fracture Mechanics, Fluid Dynamics, Wavelets, Ring Theory, Differential Geometry, Coding Theory.

6. Chemistry

Water Detoxification, Molecular Modeling, Molecular Spectroscopy, Heavy Metal Toxicity, Corrosion, Organic Synthesis, Design and Application of Graft Copolymers.

7. Education

Assessment and Evaluation, Educational Psychology, E-learning, School management and administration, Curriculum development, Value Education, Innovative Pedagogies, Research Based Teacher Education.

8. Law

International Arbitration, Corporate Law, Intellectual Property Rights, Human Rights, Constitutional Law, Public Law and Policy, Crime and Criminology.

*These are only indicative areas. Research can be pursued in any other area.

No. of seats available: No. of seats are dynamically contingent upon the number of available supervisors & other learning resources.

DURATION OF Ph.D. PROGRAMME

- Minimum duration for submission of Ph.D. thesis is three years, including course work and a maximum of six years.
- Extension beyond the above limits will be governed by the competent authorities at University.
- The women candidates and Persons with Disability (more than 40% disability) may be allowed a relaxation of two years for thesis submission in maximum duration. In addition, the women candidates may be provided Maternity Leave/ Child Care Leave once in the entire duration of M.Phil/ Ph.D for up to 240 days.

CLASSIFICATION OF APPLICANTS

- Regular candidate: Research Scholars other than sponsored/self financed and those in receipt of scholarship from other sources i.e. outside Universities.
- Academic staff of the University/constituent units: Regular teachers and academic staff of Departments/Constituent Units who are allowed to register for Ph.D
- Non-academic staff of the University/Constituent Units: Regular members of non-academic staff of the university and its departments/constituent units who satisfy eligibility qualifications & is allowed to be registered for Ph.D programme.
- Sponsored candidates: The candidates sponsored by an organization/institution/university, who fulfills eligibility qualifications and are allowed to register for Ph.D programme.
- Self-financed candidates: (Indian/ Foreign National/ PIO/ NRI) fulfilling eligibility qualifications/criteria as per the guidelines laid down by the Government of India.

PROCEDURE FOR SUBMITTING APPLICATIONS

All applications must be submitted online. The applicant can download a copy of the submitted application form from the application submission portal and furnish hardcopy of the application form with photograph and all the documentary evidence in original (testimonials, certificates, publications, work experience and research/professional experience) at the time of interview. Incomplete applications will be rejected.

ADMISSION PROCEDURE

Admission to the programme shall be based on merit in entrance test and interview. Entrance Test is of 100 Marks, written test (80 Marks) of 90 minutes duration (MCQs) followed by Interview (20 Marks).

The written test shall comprise two sections, each with 50% weightage: Section A consisting Research Methodology and Aptitude (Logical Reasoning, Analytical Reasoning, Numerical Ability, Statistics), Section B is Subject Specific.

The candidates who have qualified UGC- NET (including JRF)/ UGC-CSIR NET (including JRF)/ SLET/ GATE/ M. Phil. are exempted from written test

CRITERIA FOR ADMISSION

The admission to Ph.D programme would strictly be done on the basis of UGC M. Phil/ Ph.D Regulations 2016 available on website (www.mru.edu.in). An applicant possessing any of the following qualifications shall be eligible to apply for admission to a Ph.D. programme of the University:

- Master's degree or a professional degree declared equivalent to the Master's degree by the corresponding statutory regulatory body, with at least 55% marks in aggregate or its equivalent grade 'B' in the UGC 7-point scale (or an equivalent grade in a point scale wherever grading system is followed) or an equivalent degree from a foreign educational Institution accredited by an Assessment and Accreditation Agency which is approved, recognized or authorized by an authority, established or incorporated under a law in its home country or any other statutory authority in that country for the purpose of assessing, accrediting or assuring quality and standards of educational institutions.
- Candidates who have cleared the M.Phil. course work with at least 55% marks in aggregate or its equivalent grade 'B' in the UGC 7-point scale (or an equivalent grade in a point scale wherever grading system is followed) and successfully completing the M.Phil. Relaxation of marks in minimum eligibility shall be given as per UGC Regulations 2016.
- Candidates possessing a Degree considered equivalent to M.Phil. Degree of an Indian Institution, from a Foreign Educational Institution accredited by an Assessment and Accreditation Agency which is approved, recognized or authorized by an authority, established or incorporated under a law in its home country or any other statutory authority in that country for the purpose of assessing, accrediting or assuring quality and standards of educational institutions, shall be eligible for admission to Ph.D programme.

REGISTRATION PROCEDURE

- Applications for admission to Ph.D programmes shall be invited through an open advertisement annually, in November for pre-determined intake under each faculty.
- Applications shall be screened by a Scrutiny Committee constituted by the concerned Department. All the eligible candidates shall have to appear in a written test to be organized by MRU as per guidelines of UGC, followed by an interview to be conducted by Department Research Committee (DRC). The candidates qualified UGC- NET (including JRF)/ UGC-CSIR NET (including JRF)/ SLET/ GATE/ M. Phil. is exempted from Written Test.

(c) Non Resident Indian (NRI), Persons of Indian Origin (PIO) and Foreign Nationals may be admitted to the program in accordance with the policy guidelines laid down by the Government of India.

(d) Research assistantship of INR 18000-24000/- P.M. shall be awarded to meritorious scholars along with 50% fee concession and hostel accommodation.

Fee for Ph.D programme

Indian National: (At the time of admission)

Full Time Research Scholar

Registration Fee (one time) - Rs.25000/-

Course Work Fee (one time) - Rs.25000/-

Research Fee (per semester) - Rs.25000/-
(Rs.50000/- p.a.)

Thesis Evaluation Fee (one-time to - Rs.25000/- to be paid at the time of submission of Thesis)

NRI/PIO/Foreign National

Course Fee - US \$ 500

Research Fee (Annual) - US \$ 1500 (Payable on semester basis @ US \$ 750)

Thesis Evaluation Fee (one time) - US \$ 500.

Note: The Research Scholar shall be required to pay research Fee @ Rs.50000/- per annum for the minimum duration of three years of the programme in two equal installments per year. If a Research Scholar submits his/her thesis within 15 days from the completion of 3 years from the date of registration, he/she shall be required to pay the fee for 3 years duration as above. However, if the Research Scholar submits his/her thesis after 15 days from the completion of 3 years, he/she shall deposit the Research Fee @ Rs.25000/ per semester with the same analogy.

Relaxation: The Faculty/Teachers and Non-teaching/academic staff of MREI shall be eligible for exemption in semester Fee depending upon the length of their service in the organization and shall pay the Research Fee as under:

a) 5 years or more service : Rs.15000/- per semester

b) 3 years or more service Rs.20000/- per semester

No exemption shall be admissible if the service rendered in MREI is less than 3 years.

The fee is subject to revision from time to time as decided by the University.





RESEARCH & DEVELOPMENT

MANAV RACHNA UNIVERSITY EARNS ITS RANKING AND REPUTATION FROM THE QUALITY OF RESEARCH, IT OFFERS TO SCHOLARS FROM DIFFERENT DISCIPLINES, ITS FACULTY AND STUDENTS.

RESEARCH & DEVELOPMENT

DEAN - RESEARCH

Prof. (Dr.) B.M. Bahal
M.Sc., Ph.D. (IIT Kanpur)

Experience: 37 years of teaching and 29 years of research.

Areas of Interest: Nuclear Reactions and Cross-Section measurements, Fast Neutron Physics applications in Neutron Activation Analysis, Renewable energy and its applications.



DEAN'S MESSAGE

Manav Rachna University earns its ranking and reputation from the quality of research, it offers to scholars from different disciplines, its faculty and students. University has 'Research Clusters' in different disciplines which serve as the specialized groups to foster research culture across the university. Advanced laboratories equipped with state of the art infrastructure serve as 'Centres of Excellence' for conducting research and design- work in the key - areas such as: Solar Energy Applications, Atmospheric and environmental sciences, Clean Water Technology, Green Chemistry, Green Polymers and Corrosion Science, Communication Technology, Integrated System Design, Soft Computing, Business Process Modelling and Data Warehousing. Office of Dean Research promotes and facilitates research for faculty of MRU. It provides necessary technical support for designing and creating new products. It caters for advance training in specialized fields to its faculty members to conduct experiments related to their fields.

MRU also promotes research and innovation at undergraduate level which has been undertaken in collaboration with ACCENDERE Group, a subsidiary of Career Launcher. Here the students are guided and supervised by internal faculty mentors and also by external, specialized-coordinators from ACCENDERE Research Promotion Group. This initiative has shown commendable results in the shape of quality research papers by the young researchers presented in conferences and published in refereed Journals of National and International repute.

Collaborations and networking with Industries and National & International universities/ Institutes too ensure research in many significant areas. The latest in this regard is the MoU signed with Su-Kam Power Systems Ltd. in the field of Solar energy.

Our research problems are socially and politically relevant, scientific, technical and interdisciplinary in nature. We prefer areas of great value and interest, which enable us to have fruitful researches. This knowledge created by research invariably leads to innovations, new technologies, commercial products and development of startups/industries that have a significant impact not only on the reputation of our university but on the country's economy too.

Highlights of Research & Development Work:

- More than 250 publications in last three years in SCOPUS Database/ Web of Science/ Science Citation Index/ Eminent Conferences & Seminars organized by leading professional bodies
- Number of Patents by the Faculty - 15
- Number of Books and Book Chapters published by the faculty - 33
- MoU with more than forty International and National Institutions
- Research Linkages: IITD, DU, IITR, Central Rajasthan University (Ajmer), MNIT (Jaipur)

INTERNAL QUALITY ASSURANCE CELL (IQAC)

Dr A K Gupta
Coordinator
M.Sc, M.Tech, Ph.D. (IIT Delhi)



Manav Rachna University (Erstwhile Manav Rachna College of Engineering) was accredited by the National Assessment and Accreditation Council (an Autonomous body of the UGC, Govt. of India) with 'A Grade' (a coveted achievement for an Engineering Institution in the State of Haryana) in the year 2011. Annual Internal Quality Reports (AQAR) are being submitted regularly to NAAC, showing the periodic improvements made in the institution in various academic and administrative processes.

Internal Quality Assurance Cell (IQAC) at MRU is working for continual improvement in all processes leading to academic excellence. Some of these processes are teaching-learning and evaluation, research and development, student support system and their career progression. It also plays a key role in promoting quality culture in the university by encouraging student - teacher interaction through research clusters and clans. The Cell conducts numerous programs for enhancing the quality of Education as well as student's support services.

- II. Creating learner-centric environment for quality education
 - III. Promoting participatory teaching and learning processes
 - IV. Implementing changes based on feedback from students/ parents/ employers/ alumni
 - V. Continuous updating faculty on various quality parameters of higher education
 - VI. Organization of inter & intra institutional workshops, seminars on quality related themes and promotion of quality circles
 - VII. To encourage inter - departmental interaction
 - VIII. Preparation and submission of Annual Quality Assurance Report (AQAR) as per guidelines and parameters of NAAC
- Various processes like curriculum design and development, obtaining feedback from various stakeholders like students, parents, teachers, industry experts, recruiters and other peer groups were designed, sharpened and optimized. These initiatives have paid rich dividends as corroborated by an overall



Members of IQAC are drawn from various stakeholder groups including senior faculty, University administration, Industry representatives, alumni and students. The Cell works in close coordination with Manav Rachna Academic Staff College, the apex MR entity for faculty and staff development.

Some of the functions of IQAC are:

- I. Evolving quality benchmarks for various academic and administrative activities of the Institution

enhancement in various processes including accreditation of B.Tech. Computer Science & Engineering, B.Tech. Electronics & Communication Engineering and B.Tech. Mechanical Engineering programmes by the National Board of Accreditation (NBA). Besides playing its sentinel role for quality control, IQAC has ushered in an ambience wherein every stakeholder in MRU places a high premium on quality as its objective function and further value addition which accrues. MRU employs the vehicle of IQAC for an inexorable continuous quality improvement.



STUDENT WELFARE

THE DIRECTOR STUDENTS WELFARE IS PRIMARILY CONCERNED WITH STUDENTS' WELFARE FROM ENTRY TO GRADUATION. UNIVERSITY LIFE MARKS THE BEGINNING OF ONE'S CAREER AND REQUIRES ONE TO MAKE MENTAL, PHYSICAL AND EMOTIONAL ADJUSTMENTS.

DIRECTOR STUDENT WELFARE

Dr. Sangita Banga
M.Sc. (IIT-Roorkee), M.Tech. (IIT-Delhi),
Ph.D (MRIU)
Experience: 19 years
Areas of Interest: New materials and
Alternative fuels



DIRECTOR'S MESSAGE

On behalf of the university, I would like to take this opportunity to welcome students to Manav Rachna University. I am affirmative it will be an inspiring, challenging & pleasurable journey for you.

Carefully nurtured by well-known administrators, MRU has carved a perfect niche for itself on the academic map of India and is a true Mecca for students from rural, urban and border areas. The university is known for excellent infrastructure in terms of buildings, state-of-the-art labs for research and teaching.

The Director Students Welfare is primarily concerned with students' welfare from entry to graduation. University life marks the beginning of one's career and requires one to make mental, physical and emotional adjustments.

Our unique educational system will ensure that you gain not just depth and breadth in your chosen area of specialization, but a holistic set of skills that will equip you to face the real world. At every stage, there will be opportunities to expand your boundaries, platforms for collaboration and learning, and recognition for those who strive to excel. We also hope that you will respond to the important challenges and opportunities that are characteristic of being a responsible citizen which our beloved Founder Father, Dr. O.P. Bhalla always wanted us to do.

We believe in excellence and above all, we are looking to produce tomorrow's leaders, mature well-rounded individuals who will lead, actively participate and contribute to society.

Director/Dean Student Welfare

Technical
Cultural
Literary
Sports
MRCEAA



TECHNICAL ACTIVITIES

The student chapters of IEEE, SAE, ISHRAE and ASME at MRU make the students aware of the emerging technologies and international trends in Electronics, Computer Science and Mechanical Engineering

IEEE Students' Chapter

Institute of Electrical and Electronics Engineers, gives the students an opportunity to meet and learn from fellow students, as well as faculty members and professionals in the field.

SAE

Society of Automotive Engineers, SAE MRU collegiate club is one of the most active and popular technical club in the campus. The chapter can proudly boast of having committed members from the Mechanical Engineering stream.

ISHRAE

Indian Society of Heating Refrigerating & Air Conditioning, ISHRAE promotes the participation and organization of activities in the area of protecting Environment, improve Indoor Air Quality, and help Energy Conservation and others in the HVAC

ASME

American Society of Mechanical Engineers, the objective of ASME student chapter is to promote and enhance technical competency of its members through quality programmes and activities in the area of mechanical engineering.

Paryavaran Club

The members of Paryavaran Club are actively associated with TERI and organize activities in the fields of energy, environment and sustainable development.

Management Club

Management Club appraises students of business operations and creates in them a business & entrepreneurial acumen. The emphasis is on Marketing & Finance through workshops on entrepreneurial awareness, digital marketing and also through group discussion, guest lectures, presentations, mock interviews etc.

CLANS AT MANAV RACHNA

To initiate and propagate the spirit of camaraderie and to provide a rich nurturing ground for honing the life skills of our students, Manav Rachna has introduced the concept of a close knitted family, that of a CLAN, striving for common goal. At MRU, students are assigned to each Clan, irrespective of their belonging to MRU, MRDC, MRIU OR their department or their infrastructural habitation in the university. There are 4 Clans, each represented by an environmental element and a mascot - The Air Falcons, The Water Sharks, The Forest Rhinos and The Wild Cats. There are 5 categories of activities to be looked after under every clan.

SPORTS

Recreation through games and sports has been an important part of the institute. The institute has some of the best facilities in a number of indoor as well as outdoor games and sports. Sports club organizes and participates in inter- and intra-college sports tournaments.

Cricket, Basketball, Volleyball, Lawn Tennis, Shooting

LITERARY

To improve oratorical, communication and sublime skills there is a well-structured literary club to organize activities. Literary section conducts a plethora of events like quizzes, debates, word games, extempore, poetry recitation etc.

MEDIA

Photography & Documentary

Photography club aims to raise interest in the art of photography through the basic photography workshops. Photography exhibitions provide platform to budding photographers to show their talent.

Content Writing is another area where students can do creative writing and pen an events, publish newsletter for their clan activities etc



CULTURAL

Cultural activities not only help students to identify themselves with the institute, but also assist students to develop themselves in a desired field and also improve skills such as organizational, presentation, leadership and interpersonal communication.

Fine Arts

Fine Arts club provides a forum to the young budding engineers to give an expression to their varied talents in the field of Fine Arts, Painting, and Sketching

Theatre

It is the club which has been performing Nukad Natak and plays of unbeatable standard and is known for its discipline and order.

Music

The club has been performing the range of melodies from Indian classical to Western hard rock at various competitions.

Dance

It organizes the dance & choreography programs, happens to be the most vibrant section of the cultural society.

INSTITUTIONAL SOCIAL RESPONSIBILITY (ISR)

Students at MRU are very much involved in various community services like no one sleeps hungry, cleanliness drives, blood donation camps, creating awareness on health & hygiene, promoting education by teaching students at various Government schools and schools run by NGO's. All these activities are carried out in close association with Dr. O P Bhalla Foundation, Leo club under the advisory of Lion Club of Faridabad, Prakashdeep NGO and Datri blood stem cell donors' registry an organization that offers a dedicated service for blood stem cell donation

Student's participation in these activities instills in them the lifetime commitment of helping others and understanding their duty towards the society.

STUDENTS PERFORMANCE FEW HIGHLIGHTS

MAJOR ACHIEVEMENTS

- Team "TECHSPIRITS" comprising Vansh Mudgil, Tarun & Abhijeet (ME 8th sem) participated in Valeo Innovation Challenge 2017 and were shortlisted as semifinalists. Total of 1628 teams participated across the globe and out of these only 24 made it through the semifinals. All the selected teams were provided with the grant of 5,000 to develop the prototype.
- Neeraj Saini was invited by University of Pennsylvania, USA to participate in Fall's Penn Apps event. He received funding of USD 500 from University of Pennsylvania to attend the event
- Divesh Popli, Vice Chairperson of MRU IEEE was awarded with Dr. JK Pal Memorial Best Student Volunteer Award, Raashi Gupta Chairperson of MRU IEEE WIE was awarded with the Outstanding Student Volunteer Award
- Three teams from MRU, Team Path Finders (Alpana (ECE) & Nidhi Goel (CSE)), Team E2 (Vikrant Prashar (ME)) & Team MANAS (Kapil Tewatia (ME)) got shortlisted for the finals under different categories of Yahoo Accenture innovation Jockey's Season 5

TECHNICAL ACTIVITIES

- Team CHAIN RXN from MRU (ME Department) Participated in competition Efficycle season 7 organized by SAE Northern India Section & was ranked under top 20 out of 138 total teams that participated from various institutes of the country
- Entrepreneurship Development Cell conducted a Panel discussion on "Explore your Business Idea"
- SAE, MRU organized Work shop on 2 stroke engine, 4 stroke engine, Carburetor, Automatic transmission, CRDI, Maruti 800 Engine and Manual Transmission & Power point presentation on Turbocharger, Supercharger.
- Workshop on "555 Timer & its Applications" were conducted for the first year students to introduce them with Proteus simulation tool by Electronics Society
- MRU IEEE organized WEEKLY TIP event every Wednesday. Objective of the event was to teach the aptitude concepts.
- IEEE Delhi Student activity cell with the support from 'India Strategic Initiative on Student Retention Program' brought to its member hands on workshop on "Circuit Simulations and Assembling". The workshop aimed to edify the concepts of electronics devices among the students.

SOCIAL & ENVIRONMENTAL ACTIVITIES

- LEO CLUB in association with Lions Club Organizes Blood Donations Camp every year and creates awareness for Blood Donation
- During wild life week, first year students visited Asola Bhati and interacted with the officials there and attended a lecture on wild life
- PARYAVARAN CLUB-celebrated World Tree Plantation Day
- IEEE WIE and Leo club organized a camp for students of NGO Prakash Deep to teach them candle and diya making. Final products were sold in the campus and profit earned was deposited in the account of NGO children

CULTURAL ACTIVITIES

- Mridraksh, Dance group of MRU participated in Western Dance Competition organized by Dayal Singh College. It also participated in Voice of Punjab organized by PTC Punjabi
- DOT Organized ADMad Competition. Students used their creativity and the performances were breath-taking
- Music Society of MRU organized Solo singing/ instrumental competition
- To create a platform for the students to exhibit their creative skills on the theme "India" Students organized the event Magic of Fingers
- DOT performed Nukkad Natak to spread awareness about gender equality

LITERARY ACTIVITIES

- Literary Society, in association with IOCL organized Panel discussion on "Preventing Vigilance as a tool of Good Governance" during Vigilance week
- Drishti - Photography club organized a photography workshop on DSLR Camera for the students
- Aman Bhardwaj of B.Tech. CSE 2nd year and Yuvan Saluja of B.Tech. CSE 1st year participated in the Extempore held in Students' Pulse session. Yuvan Saluja got the 3rd position.
- At Inter-District event' IGNIDEA 2017'organized by DAV Centenary, Alpana Bhanot (ECE 3rd year) bagged second prize in English Debate Competition. Shailaish Raathi and Shubham Aggarwal (ME 3rd year) won second prize in Quiz Competition

PROGRAMMES OFFERED AT MRU

Table indicating programmes, intake, fee, eligibility and criteria for preparation of merit list:

FACULTY OF ENGINEERING									
S. No.	Name of the Programme	Duration	Intake	FEES (Per annum) for Indian Nationals in Rupees	FEES (Per annum) in US \$ For PIO/NRI Students	Minimum Eligibility Criteria	Criteria for Preparation Of Merit list- Preference Wise		
							I	II	III
Bachelor of Technology									
1	B.Tech. CSE	4 Yrs	180	1,81,500	US\$ 5000	Candidates having passed 10+ 2 examination from the CBSE/State Boards or from any other recognized board/ Council with atleast 50% aggregate marks in 5 subjects with Physics, Mathematics and English as compulsory subjects.	JEE Mains 2018 score	Merit in Uni-GAUGE	Marks in Qualifying Examination
2	B. Tech. ME		60						
3	B.Tech. Industrial Engineering & Management		30						
4	B.Tech. Electronics & Computers*		30						
5	B.Tech in Computer Science & Engineering with specialization in Data Science & Machine Learning*		30	2,44,000	US\$ 5000				
6	B.Tech. in Computer Science & Engineering with specialization in Digital Transformation Engineering*		30	2,44,000	US\$ 5000	Candidates having passed 10+ 2 examination from the CBSE/State Boards or from any other recognized board/Council with atleast 70% aggregate marks in 5 subjects with Physics, Mathematics and English as compulsory subjects.			
			360						
Bachelor of Technology Lateral Entry									
7	B.Tech. CSE	3 Yrs	12	1,71,000	NA	Candidates having passed Diploma in Engineering in the relevant discipline of 3 year duration, from recognized board or B.Sc. Degree with Physics and Mathematics as subjects from a recognized University as defined by UGC, with atleast 60% marks in aggregate	Merit in MRNAT 2018	Marks in Qualifying Examination	N.A.
8	B.Tech. ME		03						
9	B.Tech. Industrial Engg. & Management		02						
			17						
Master of Technology									
10	M.Tech. CE	2 Yrs	18		US\$ 3300	B.E./B.Tech. in Computer Science & Engineering/ Computer Technology/Information Technology /MCA or equivalent with minimum 55% marks	Valid GATE Score in the relevant stream	Marks in qualifying degree	N.A.
11	M.Tech. ME		18	1,06,000	US\$ 3300	B.E./B.Tech. in Mechanical Engineering/Production Engineering/Automobile Engineering/Industrial Engineering/Agriculture Engineering/ Aeronautical Engineering/Marine Engineering/ Mining & Metallurgy or equivalent with minimum 55% marks	Valid GATE Score in the relevant stream	Marks in qualifying degree	N.A.
12	M. Tech. Embedded Systems & VLSI*		18			B.E./B.Tech. in Electronics & Communication Engg. / Telecommunication Engg./Computer Science & Engineering/Instrumentation & Control Engg./Electrical & Electronics Engineering/Electrical Engg./Power Electronics or /MCA or M.Sc.-Computer Science/Information Technology/Electronics/Physics/ Mathematics as one of the subjects. with minimum 55% marks			
			54						

*Subject to approval of Govt. of Haryana

PROGRAMMES OFFERED AT MRU

Table indicating programmes, intake, fee, eligibility and criteria for preparation of merit list:

FACULTY OF MANAGEMENT & HUMANITIES									
S. No.	Name of the Programme	Duration	Intake	FEES (Per annum) for Indian Nationals in Rupees	FEES (Per annum) in US \$ For PIO/NRI Students	Minimum Eligibility Criteria	Criteria for Preparation Of Merit list- Preference Wise		
							I	II	III
Bachelor in Business Administration									
1	BBA (Health Care Management) in association with Cygnus Hospitals	3 Yrs	30	1,61,000	US\$ 3300	Candidates having passed 10+2 examination from any recognized Board with 50% or more marks in aggregate.	Merit in MRNAT 2018	Marks in Qualifying Examination	N.A.
2	BBA (Finance & Accounts) CMA US Integrated (Note 1)		90	1,76,000	US\$ 3300	Candidates having passed 10+2 examination from any recognized Board with 50% or more marks in aggregate.			
3	BBA (Entrepreneurship & Family Business)		30	1,76,000	US\$ 5000	Candidates having passed 10+2 examination from any recognized Board with 50% or more marks in aggregate.			
4	BBA (Operations Management with specialization in Supply Chain Management, Logistics & Projects Management)		60	1,76,000	US\$ 5000	Candidates having passed 10+2 examination from any recognized Board with 50% or more marks in aggregate.			
			210						

Note 1.

- Integration with US CMA (Certified Management Accountant) a USA Recognized professional qualification
- The Association of International Accountants (AIA) aligned curriculum.

FACULTY OF APPLIED SCIENCES									
S. No.	Name of the Programme	Duration	Intake	FEES (Per annum) for Indian Nationals in Rupees	FEES (Per annum) in US \$ For PIO/NRI Students	Minimum Eligibility Criteria	Criteria for Preparation Of Merit list- Preference Wise		
							I	II	III
Bachelor of Science									
1	B.Sc. (Hons.) Chemistry	3 Yrs	50	1,00,000	US\$ 3300	Candidates having passed 10+2 examination from any recognized Board with 50% or more marks in aggregate of three Science subjects Physics, Chemistry and Mathematics/ Biology along with English	Merit in MRNAT 2018	Marks in Qualifying Examination	N.A.
2	B.Sc. (Hons.) Mathematics		25	1,06,000	US\$ 3300	Candidates having passed 10+2 examination from any recognized Board with 50% or more marks in aggregate of three Science subjects Physics, Chemistry and Maths along with English			
3	B.Sc. (Hons.) Physics		25	1,06,000	US\$ 3300				
			100						

PROGRAMMES OFFERED AT MRU

Table indicating programmes, intake, fee, eligibility and criteria for preparation of merit list:

S. No.	Name of the Programme	Duration	Intake	FEES (Per annum) for Indian Nationals in Rupees	FEES (Per annum) in US \$ For PIO/NRI Students	Minimum Eligibility Criteria	Criteria for Preparation Of Merit list- Preference Wise		
							I	II	III
Master of Science									
4	M.Sc. Chemistry	2 Yrs	30	1,06,000	US\$ 3300	Candidates having passed with 50% or more marks in B.Sc.	Merit in MRNAT 2018	Marks in Qualifying Examination	N.A.
5	M.Sc. Mathematics		20	1,06,000	US\$ 3300	Candidates having passed with 50% or more marks in B.Sc.			
6	M.Sc. Physics		20	1,06,000	US\$ 3300	Candidates having passed with 50% or more marks in B.Sc.			
			70						

FACULTY OF EDUCATION									
S. No.	Name of the Programme	Duration	Intake	FEES (Per annum) for Indian Nationals in Rupees	FEES (Per annum) in US \$ For PIO/NRI Students	Minimum Eligibility Criteria	Criteria for Preparation Of Merit list- Preference Wise		
							I	II	III
1	B.Ed.	2 Yrs	100	1,06,000	US\$ 3300	Candidates having passed with 50% or more marks aggregate in the Bachelor's degree and/or in Master's Degree in Sciences/ Social Sciences/ Humanities, Bachelor's in Engineering or Technology with specialization in Science and Mathematics with 55% marks or any other qualification equivalent thereto.	Merit in MRNAT 2018	Marks in Qualifying Examination	N.A.
2	B.A. B.Ed. Integrated	4 Yrs	50	1,06,000	US\$ 3300	Candidates having passed 10+2 with 50% or more marks aggregate	Merit in MRNAT 2018	Marks in Qualifying Examination	N.A.
3	B.Sc. B.Ed. Integrated	4 Yrs	50	1,06,000	US\$ 3300	Candidates having passed 10+2 with 50% or more marks aggregate in Science - Medical/ Non Medical Stream	Merit in MRNAT 2018	Marks in Qualifying Examination	N.A.
4	M.A (Education)	2 Yrs	20	1,06,000	US\$ 3300	Candidates having passes with 50% or more marks in graduation in any discipline (with or without education as specialization)	Merit in MRNAT 2018	Marks in Qualifying Examination	N.A.
			220						

FACULTY OF LAW									
S. No.	Name of the Programme	Duration	Intake	FEES (Per annum) for Indian Nationals in Rupees	FEES (Per annum) in US \$ For PIO/NRI Students	Minimum Eligibility Criteria	Criteria for Preparation Of Merit list- Preference Wise		
							I	II	III
Bachelor of Laws LLB (Honours)									
1	B.A. LLB (Hons.)	5 Yrs	60	1,83,000	US\$ 5000	Candidates having passed 10+2 with 50% or more marks aggregate.	CLAT 2018 Score	Marks in Qualifying Examination	N.A.
2	BBA LLB (Hons.)		60	1,83,000	US\$ 5000				
3	B.Com. LLB (Hons.)		60	1,83,000	US\$ 5000				
4	LL.M*	1 Yrs	20	1,26,000	US\$ 3300	Candidates having passed LL.B or 5 yr Integrated Law course with 50% or more marks aggregate.	Merit in MRNAT 2018		
			200						
			1231						

*Subject to approval of Govt. of Haryana

Note: A relaxation in cut-off percentage up to 10% subject to minimum eligibility requirements of regulatory body, will be given to Kashmiri Migrants.

Reservation Policy: A minimum of 25% seats for admission in the University shall be reserved for the students of State of Haryana, out of which 10% seats will be reserved for students belonging to Scheduled Caste of the State of Haryana.

MRU ADMISSIONS CALENDAR 2018-19

DESCRIPTION	NAME OF THE PROGRAMME		
	B.Tech	All UG Programmes Except B.Tech Normal & B.Tech Lateral	B.Tech-Lateral Entry and all PG Programmes
Sale of Application forms open	17.12.2017		
Last Date of Receipt of Application Forms	30.05.2018 (Wednesday)	31.05.2018 (Thursday)	27.06.2018 (Wednesday)
Date of Uni-GAUGE EMeD 2018* (only for B.Tech)		13.05.2018 (Sunday)	
Declaration of result for Uni-GAUGE EMeD 2017			
Date of MR-NAT		02.06.2018 (Saturday) and 03.06.2018 (Sunday)	30.06.2018 (Saturday) for B.Tech Lateral Entry & all PG Programmes other than M.Tech
Display of Merit List for Physical Counseling	07.06.2018 (Thursday)	07.06.2018 (Thursday)	02.07.2018 (Monday)
Physical Counseling cum Admissions	12.06.2018 to 14.06.2018 (Tuesday to Thursday)	12.06.2018 to 14.06.2018 (Tuesday to Thursday)	05.07.2018 to 06.07.2018 (Thursday to Friday)
Walk-in counseling for the seats remaining vacant	15.06.2018 (Friday) onwards	15.06.2018 (Friday) onwards	07.07.2018 (Saturday onwards)
Classes Commence	09.07.2018 (Monday)	11.07.2018 (Wednesday)	16.07.2018

* For details of Uni-GUAGE EMeD 2018 and its schedule please refer to Page no. 55 of this Admission Brochure

**For details of MR-NAT 2018 please refer to page no. 55 of this Admission Brochure.

MRU - PROPOSED FEE SCHEDULE 2018-19

FACULTY	PROGRAMME	TOTAL SEATS	1st INSTALLMENT	2nd INSTALLMENT	TOTAL
FoE	B.Tech.	300	126500	55000	181500
	B.Tech in Computer Science with specialization in Data Science & Machine Learning	30	173000	71000	244000
	B.Tech in Computer Science with specialization in Data Science & Digital Transformation Engineering	30	173000	71000	244000
	B.Tech. - Lateral	17	121500	50000	171500
	M.Tech.	54	78500	27500	106000
FoM&H	BBA (Health Care Management)	30	106000	55000	161000
	BBA (Finance & Accounts)	90	118500	57500	176000
	BBA (Entrepreneurship & Family Business)	30	118500	57500	176000
	BBA (Operations Management with specialization in Supply Chain Management Logistics & Projects Management)	60	118500	57500	176000
FoASc.	B.Sc. (Hons.) - Physics	25	78500	27500	106000
	B.Sc. (Hons.) - Chemistry	50	78500	27500	106000
	B.Sc. (Hons.) - Mathematics	25	78500	27500	106000
	M.Sc. - Physics	20	78500	27500	106000
	M.Sc. - Chemistry	30	78500	27500	106000
	M.Sc. - Mathematics	20	78500	27500	106000
FoEd.	B.Ed.	100	78500	27500	106000
	B.A B.Ed. Integrated	50	78500	27500	106000
	B.Sc. B.Ed. Integrated	50	78500	27500	106000
	M.A. (Education)	20	78500	27500	106000
FoL	B.A. LLB	60	127000	56000	183000
	BBA LLB	60	127000	56000	183000
	B.Com LLB	60	127000	56000	183000
	LLM	20	88500	37500	126000
	Total	1231			

* It includes Life Time Alumni Membership Fee of Rs. 3000/- (One Time at time of Admission)



IMPORTANT INSTRUCTIONS FOR ADMISSION SEEKERS

APPLICATION FOR ADMISSION SHALL BE SUBMITTED ONLINE ONLY AT THE UNIVERSITY
WEBSITE www.mru.edu.in

IMPORTANT INSTRUCTIONS FOR ADMISSION SEEKERS

SUBMISSION OF APPLICATION FOR ADMISSION

Application for admission shall be submitted online only at the University website www.mru.edu.in for which application fee of Rs.1200/- is payable. Payment can be made through Credit/Debit card at the time of submission of application. Alternatively, candidate may purchase Admission Brochure from MRU Campus, Administrative Headquarters or City Centres, details of which are available on University website. Admission Brochure contains a Scratch Card consisting of a covered number, which will facilitate submission of application form online. Admission Brochure without Scratch Card may be downloaded from MRU website free of cost.

Once online application for admission is submitted successfully, the system will generate a unique application number which may be noted by the candidates as the same shall act as a Reference Number for all subsequent correspondence till the candidate is actually admitted.

DIRECTIONS FOR FILLING ONLINE APPLICATION FORM

1. Read instructions for filling up Online Application Form carefully on the opening page after you Click 'Apply Now for Admission' Tab on the MRU Website Home Page.
2. Keep a Digitized Photograph (of size upto maximum 80 KB), ready on your Computer Desktop for uploading, 30mmx 45mm min size in a formal dress against plain background. Avoid photographs in T Shirts /Tops/Flashy Clothing because this photograph will go for your identity card. Also keep ready a copy of mark sheet of Secondary (10th), Senior Secondary (10+ 2) Examination and other qualifying exam, if any.
3. Fill-up all fields with the correct information. Names and surnames are to be written in capitals. At other places, do not use all Capital/Small Letters. Use Sentence case. Mandatory fields are marked with Red Asterisks, without which application will not be submitted. You will have the liberty to edit certain fields as directed by the format including Address, Mobile Number, and Qualifying Examination Result etc.
4. Take out two print-outs of the final version of the completed online application form which must be brought at the time of physical counseling for admission.

CRITERIA FOR SELECTION

Selection of the candidate is subject to being found fit during the aptitude test/GD/PI, wherever indicated.



NOTIFICATION OF SCHEDULE FOR PHYSICAL COUNSELING FOR ADMISSION

1. The detailed admission calendar is appended at Page No. 51 of this brochure.
2. Look for notices/alerts by clicking the 'Admission Notices/Alerts' on the homepage of MRU website.
3. The Schedule for Physical Counseling for Admission and other related information will be available on the website as and when published. MRNAT results and Merit list for various courses/programmes shall also be available on the website.

PHYSICAL COUNSELING FOR ADMISSION

1. It is mandatory for the candidates to appear in person for physical counseling for admission before the Admission Committee. No relaxation of any kind is permissible in this regard.
2. Candidate must bring the following documents in original along with two sets of attested photocopies:
 - a) Secondary School Examination Certificate (10th) as proof of Date of Birth
 - b) Senior Secondary School Examination Certificate (10+ 2)
 - c) Detailed Mark sheets/ Provisional Certificate/Degree/ Diploma Certificate of the qualifying examination
 - d) Character Certificate from the Institution last attended
 - e) Result card of the relevant entrance examination
 - f) Five passport size coloured photographs in formal dress
 - g) Certificate of Medical Fitness
 - h) Migration Certificate
 - i) Proof of Residence (Aadhar Card/ Ration Card/ Electricity Bill/ Telephone Bill/ Driving License etc.)
 - j) Undertaking by candidate and by parents for "Anti Ragging", the format for which shall be available on MRU website.
 - k) Sworn(e) Affidavit attested by the Oath Commissioner/ Notary Public for the total family income from all sources along with proof of income in terms of IT Return/Form 16 issued by the Employer of the parent(s) for the previous year or proof of survey conducted by DRDA of the District concerned or any other authorized Government authority for students applying for merit cum means scholarship.
 - l) Caste Certificate for students applying under SC Category issued by the Govt. bodies i.e.
 - (i) SDM/ Tehsildar cum Executive magistrate of the district.
 - (ii) Naib Tehsildar cum executive Magistrate
 - (iii) Head of department in case of Govt. employee.



m) Certificate issued by Zila Sainik Board in case of Ex. Defence Personnel ward category.

n) Any other document required/notified later.

All other documents, if any, must be submitted on the orientation day, before the start of classes or within 3 days from the date of admission, whichever is later.

3. On the day of physical counseling, candidates shall report on the Registration Desk, arrange documents in the specified sequence in the file cover given on the spot, appear before the Document Verification Committee for verification of documents & move to the Admission Committee if found eligible.
4. Admission committee shall allot the seats subject to availability to the Candidates in order of merit and the candidates shall be required to deposit fee on the spot either through Demand Draft, Credit/ Debit Card or in Cash. Cheques shall not be accepted. Additional conveyance charges are payable as per rules in case of payment is made through Credit.
5. The seat shall be deemed to be allotted only on submission of fee. If a candidate fails to deposit the fee on the spot, the right to admission shall be forfeited and the seat shall be offered to the candidate next in the merit list.
6. If a candidate reports late for admission on the designated day and time, he/ she will be offered the seat available at the time of his appearance before the Admission Committee.
7. All candidates are advised to report on the day of physical counseling in a formal and presentable dress as a fresh photograph may be required to be clicked on the spot.

Students admitted shall collect their original testimonials/ certificates at the time of allotment of seat against acknowledgement. All such students are also advised to keep a watch on MRU Website for further instructions if any.

PREPARATION OF MERIT LIST

The Merit Lists for each programme shall be prepared as per the following criteria

a) UG Programmes

- For admission criteria in various programmes offered by the university, kindly refer to the programmes offered table given at page no. 48-50
- Seats remaining vacant, if any shall be filled on the basis of marks in qualifying degree.
- Candidates are advised to supply the respective score in the application form as soon as the results are declared by the respective examination bodies. Those students who fail to supply any of these results shall go down in the merit list in the absence of respective weightage. Seats remaining vacant, if any shall be filled on the basis of the marks in the qualifying examination.

- The ranks in the respective merit list shall be available on MRU Website against Application Sequence Number generated by the system at the time of submission of online application.
- The admission shall be made only if the candidate has been declared clear pass in the qualifying examination. Candidates having compartment shall not be admitted in any of the UG programme till their result for the supplementary examination has been declared within the final cut off date of admission.

b) PG Programmes

- For M. Tech. programmes, the merit list shall be prepared on the basis of valid GATE score in the relevant stream. Seats remaining vacant, if any shall be filled on the basis of marks in qualifying degree.
- For M.Sc. and M.A. Education programmes, the merit list shall be prepared on the basis of marks obtained in MRNAT 2018. Seats remaining vacant, if any shall be filled on the basis of marks in qualifying degree.
- The candidates are advised to supply the respective score in the application form as soon as the results are declared by the respective examination bodies. Those students who fail to supply any of these results shall go down in the merit list in the absence of merit making criteria.
- The candidates may be admitted provisionally subject to fulfillment of minimum eligibility criteria on or before the last date of admission. For the purpose of preparation of Merit List, the marks scored upto pre final year of the qualifying examination shall be considered for those whose result has not been declared for the final year/ semester. Student having compartments in any of the previous year shall not get credit for the subjects which he/ she has not passed at the time of admission.

Notes:

- The last date of admission as decided by Regulatory Bodies from time to time.

Admission Committee shall exercise fair discretion to see that based upon the academic performance in exam result which is available at the time of admission, whether the candidate is likely to meet the eligibility criteria. However, it will be sole responsibility of the candidate to meet the minimum eligibility criteria for admission by the cut off date mentioned above and no relaxation in minimum eligibility criteria shall be granted.



RESERVATION OF SEATS

Manav Rachna University presently follows the reservation policy as under:

- NRI/Foreign National/PIO seats: 15% in all programmes/courses.
- General Seats: 85% (25% seats are reserved for Haryana domicile students, of which 10% seats are for the SC candidates of Haryana).
- Kashmiri Migrants: 1 seat in merit quota for all the programmes

MANAV RACHNA NATIONAL APTITUDE TEST (MRNAT 2018)

MRNAT 2018 (Manav Rachna National Aptitude Test) shall be conducted by the University across various disciplines. University has deployed technology developed by India's leading assessment agency to ensure fair and transparent conduct of online test. This test is not applicable for candidates seeking admission to Engineering discipline. The candidates shall be allotted a designated computer system in the examination centre and shall be required to login using Application Sequence Number and Password as conveyed to the applicant or in the exam hall prior to the examination through email. It is therefore advised not to share Email IDs and Password with others to avoid complications. The questions shall appear on the monitor and the candidates shall submit answers by using mouse only. The computer system is connected to a Central Server which delivers the test in real time without web connectivity. All other functions are disabled in the machine and there is no Human involvement in the test. No formal computer knowledge is required to appear for the test. Other details and sample questions are also available on the MRNAT tab of University website. The candidate will be intimated about the place, date and time of the Test, through email and SMS well in time. For all Programmes, the Test would be conducted at Manav Rachna Campus & other locations as given on the website.

Uni-GAUGE EMeD 2018



Uni-GAUGE EMeD 2018 is conducted by Educational Assessment and Rating Foundation (ERA Foundation), a "Not-for-Profit" Organization, for admission to post-graduate and undergraduate courses in engineering, technology, medical and dental streams. The exam will be conducted at

the university, syllabi for which are available on the 'Admission' link on MRU Website. University has deployed technology developed by India's leading assessment agency to ensure fair and transparent conduct of online test. The candidates shall be allotted a designated computer system in the examination centre and shall be required to login using Application Sequence Number and Password as conveyed to the applicant through email. It is therefore advised not to share Email IDs and Password with others to avoid complications. The questions shall appear on the monitor and the candidates shall submit answers by using mouse only. The computer system is connected to a Central Server which delivers the test in real time without web connectivity. All other functions are disabled in the machine and there is no Human involvement in the test. No formal computer knowledge is required to appear for the test. Other details and sample questions are also available on the university website. The dates of conduct of Uni-GAUGE EMeD 2018 across various disciplines are given in the Admission Calender on page 51 in the Admission Brochure. The candidate will be intimated about the place, date and time of the Test, through email and SMS well in time.



ERA FOUNDATION Uni-GFAUGE EMeD 2018

Start date for registration and issue of online Application for Uni-GAUGE E 2018	16th JAN 2018
Mock test made available online.	5th FEB 2018
Last date for online payments and Last date for Submission of completed application online	19th APRIL 2018
Start date for download of Test Admission Ticket on the website	4th MAY 2018
Last date for downloading of Online Test Admission Ticket (TAT)	12th MAY 2018
Uni-GAUGE E 2018 Engineering Entrance Exam 2018	13th MAY 2018
Publishing of Provisional Answer Keys and start date for online submission of objections/challenge of Provisional Answer keys	17th MAY 2018
Last date for receiving challenges/objections pertaining to Provisional Answer Keys	21st MAY 2018
Publishing of Final Answer keys	25th MAY 2018
Test Score cards made available online to the candidates	28th MAY 2018

ASSISTANCE/FACILITIES TO CANDIDATES

In order to provide timely information to the candidates about their applications, or the entrance test, or the results thereof, ERA has made the following arrangements:

The ERA helpline Toll free number is 1-800-103-4791.

The ERA Office is operational from 10:00 am to 5:00 pm, Monday to Friday, and from 10:00 am to 1:00 pm on Saturday. The ERA office is not operational on Sunday and other public holidays. Candidates can send their queries through E-mail at helpdesk@erafoundationindia.org.

ADMISSION OF NRI/ PIO/ FOREIGN NATIONALS IN 2018-19

- a) Programmes offered: The details of the programmes available and eligibility criteria shall be same for all the programmes as prescribed on Page Nos. 48-50.
- b) Admission Procedure
 1. NRI/PIO/Foreign Nationals seeking admissions in different programs in MRU may submit scanned copy of duly filled and signed simplified application form downloadable from MRU website: www.iec.mru.edu.in along with scanned copy of the following certificates.

- a) Academic Transcript translated in English (If original transcript is in a language other than English), the translated transcript in English shall have to be attested by Indian Embassy of the candidates Country or Embassy of Candidate's Country in India or by Head of Department, Department of Education, Province/Federal Government of the Candidate's Country.
 - b) Passport showing the name, address, validity, issuing authority, valid reason if any etc.
 - c) The candidates shall also be required to submit two letters of recommendation from the faculty, authorities of their previous institution/school. In case of application for under graduate programme one LOR may preferably be from school counselor.
2. On receipt of application form, MRU shall get the eligibility of the candidate confirmed for the applied academic programme and convey to the candidate whether he/she is eligible for admission or not.
 3. A candidate who has been adjudged eligible for admission in a particular programme shall be required to deposit the 1st installment of fee as under through Bank Transfer, after verification of which MRU shall issue a Provisional Admission Letter for facilitating the candidates to apply for Visa.

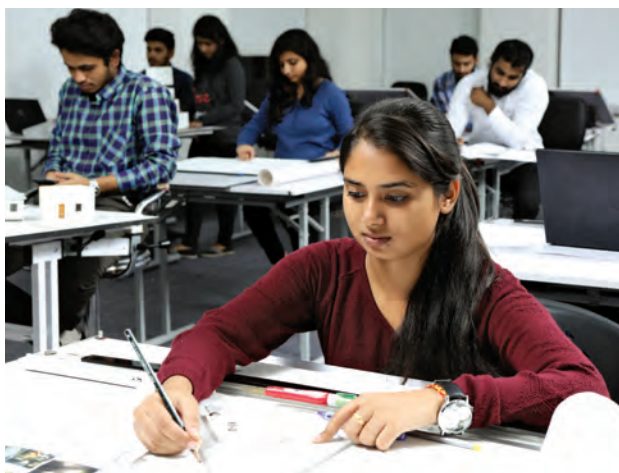
THROUGH BANK TRANSFER: BANK'S DETAILS

Name & Address of the Bank	Karnataka Bank Ltd SCO 143, Ground Floor, Shopping Center, Sector 21C, Faridabad, Haryana.
Account Name	Manav Rachna University
Swift Code	KARBINBBFDB
Account No.	2252000100128801
IFSC Code	KARB0000225

The charges for financial transactions through the bank shall be borne by the students.

PAYMENT OF FEES

- Schedule of payment of fee at the time of admission/ first year) First Installment: At the time of admission
- b) Second Installment: On or before 14th Nov 2018
- Schedule of payment of fees in subsequent years:
- a) First Installment: On or before 30th April of the calendar year.
 - b) Second Installment: On or before 14th Nov of the calendar year.



LATE FEE PAYMENT

Those students who fail to deposit fee by the due date shall be levied a fine of Rs. 100/- per day including Sunday / Holidays up to 15 days. The name of those students, who fail to deposit the fee with requisite fine within 15 days from the due date as mentioned above, shall be struck off from the rolls of the University immediately thereafter. However, such students may be re-admitted with the approval from Registrar after they deposit Rs. 2000/- as re-admission charges along with the fees and fine Rs. 1500/-. The period during which the name of the student remains struck off, will not be treated as inactive period for the purpose of calculation of attendance.

POLICY FOR WITHDRAWAL AND REFUND OF FEES

Refund of fee is governed in accordance with the guidelines laid down in UGC letter No. : D.O.1-3/2007 (CPP-II). Details are available on website www.manavrachna.edu.in

PROCEDURE FOR CHANGE OF PROGRAM

Consequent to Admission, if any student is desirous of seeking admission to any other program being run in the university, he/she will have to put in an application to the respective Dean of the Faculty. Thereafter, the case will be processed on file and case referred to Dean of the faculty in which Admission is sought, who may concur or otherwise. If concurred by the Dean of the Faculty to which the admission is sought, the file will be forwarded to Director Admissions for getting the program changed. In all such cases a processing charge of Rs. 3000/- will apply.

SCHOLARSHIP/ FREE-SHIP POLICY OF MRU FOR 2018-19

Merit scholarships: Aimed at promoting meritorious students, scholarship includes tuition fee waiver and is awarded to the students of UG/ PG Programmes) on the basis of marks/CGPA in the qualifying examination as per following scale, however the students are required to pay other fees as applicable to the programme concerned.

UG PROGRAMMES

90.00% & above	100% Tuition Fee waiver
85.00% above but below 90.00%	50% Tuition Fee waiver
80.00% above but below 85.00%	25% Tuition waiver

PG PROGRAMMES

80.00% & above	100% Tuition Fee waiver
75.00% above but below 80.00%	50% Tuition Fee waiver
70.00% above but below 75.00%	25% Tuition waiver

Conditions for Continuation of Scholarship in Subsequent Years
Progress of students awarded scholarship for academic year in subsequent years shall be reviewed after end of 2nd semester for continuation, based upon his/her performance in the 1st and 2nd semester. For continuation of scholarship student shall be required to:

- Maintain a minimum CGPA of 7.0.
- Have 75% attendance in all courses (excluding education programmes) in each semester.
- Candidates pursuing B.Ed. and Integrated B.Ed. programmes should have 80% attendance in all course work and practicum and 90% in school internship.
- Register for all courses and earn credits for these courses as defined in curriculum scheme of programme of admission i.e. the student shall not pursue the semester in under load mode (registering lesser number of credits).

- Applicants should not have been suspended for any grave act of indiscipline by the university.
- No disciplinary action against the applicant is established or pending in case of ragging or eve teasing.
- The applicant should not be receiving any other scholarship from any other source whatsoever, for which a certificate signed by student & parents is to be provided.

Merit cum Means Scholarship

MRU offers Scholarship based on merit cum means, to the candidates admitted under reservation for Haryana Candidates. Scheme shall be applicable to all Undergraduate and Post Graduate Programs. The Scheme is applicable to all students whose parents have annual income up to Rs. 2.80 Lac from all sources. Under the scheme, the students shall be given fee waiver limited to the tuition fee as per the following scale. Candidates are required to pay other fee as applicable to the programme concerned.

- One fifth of the twenty five percent shall be granted full tuition fee concession,
- Two fifth of the twenty five percent shall be granted fifty percent fee concession,
- The balance two fifth of the twenty five percent shall be granted twenty five percent fee concession.

Conditions for Continuation of Scholarship in Subsequent Years

Applicants must fulfill the following criteria for claiming the fee concession:

- The attendance criteria of the university.
- Maintain a minimum CGPA of 7.0. However, if any student considered for fee concession in the first year fails in any of the subject, he/she may be considered for continuation of fee concession provided that he/she shall have to clear the subjects in the subsequent academic year failing which he/she may not be considered for the continuation of Fee Concession
- Applicants should not have been suspended for any grave act of indiscipline by the university.
- No disciplinary action against the applicant is established or pending in case of ragging or eve teasing.
- The applicant should not be receiving any other scholarship from any other source whatsoever, for which a certificate signed by student & parents is to be provided.

Note:

- In addition, suitable free ship shall be available to high achievers in the field of sports, persons suffering with Thalassaemia Major, sons/daughters of Army Personnel who have been killed in war/terrorist attack, physically handicapped students etc. on case to case basis.
- Candidates passing out from any of the institutions of MREI and son/daughter of faculty/ staff member of any of the institutions of MREI will get one time concession of Rs. 5000/- at the time of admission in any of the programme being offered at Manav Rachna University.

Disclaimer: The details given in the Admission Brochure are correct as at the time of going into press. The University reserves the right to add/delete/modify the contents without prior notice. However, the same will be notified on the website.



'MERIT SCHOLARSHIP TO SEMESTER/ BRANCH TOPPERS'

In order to motivate the students for better and sustained academic performance, MRU offers 'Merit Scholarship to Semester/ Branch Toppers' already in place, for students bagging 1st, 2nd and 3rd positions in the Odd & Even semester exams (Based on the amalgamated SGPA / CGPA) every year for each programme being run at MRU, as under:

- | | | |
|--------------------|---|---|
| a) First position | : | 25% of Tuition Fee or Rs.25,000/- whichever is less |
| b) Second Position | : | 15% of Tuition Fee or Rs.15,000/- whichever is less |
| c) Third Position | : | 10% of Tuition Fee or Rs.10,000/- whichever is less |

The following are the guidelines for granting these Merit Scholarships:

1. Any programme must have strength of 90 or more in semester exam to qualify for first, second and third position scholarship, otherwise only a solitary topper shall be given a solitary first position scholarship.
2. If the strength of a course is 10 or less no scholarship will be awarded for that course.
3. A student shall be eligible to benefit for tuition fee waiver only from one source only.

STUDENT STAFF AND ALUMNI WELFARE FUND (SSAWF)

1. The young and the budding talent in MREI are supported to pursue their studies/ interests in the field of technical education, research in physical science, social science and any other topic of topical interest emerging in the environment. To fulfill the said vision the MRVF has taken a conscious decision to muster financial resources in the name and style of STUDENT STAFF AND ALUMNI WELFARE FUND (SSAWF).
2. The SSAWF resources would be utilized for accomplishing the under mentioned objectives
 - a. Rendering financial assistance to students, staff and alumni for research and higher studies for improving the overall well-being of the under privileged and have nots of the society.
 - b. To provide financial assistance/scholarship to needy students for continuation of their higher studies.
 - c. To render assistance including ex-gratia payment to alumni for higher studies, distress and other contingency.
 - d. To honour MREI students, staff and alumni for their outstanding achievements in studies, profession, sports & entrepreneurship.
 - e. To provide financial and other resources for families of MREI owing to any natural calamity such as earthquakes, floods etc.
 - f. To provide financial support.

MRU ACHIEVERS: SUCCESS STORIES/ ALUMNI SPEAK

“We believe in molding the students' experience and creating success stories”

ROOPAM SHARMA (B.Tech. CSE 2012-16)



Achievements:

- Pursuing MS from MIT, Cambridge
- Winner of Gifted Citizen Award for his project Manovue
- Listed among the top 8 innovators of the country under 35, India Edition organized by HT Mint, and MIT Technology Review, and was nominated in the list of world finalists, Youngest in the entire list and only student candidate. He was mentored by John Chambers, Founder CEO, Cisco.
- Represented India in the global finals of MIT's Global Start-ups workshop (MIT GSW) Business Plan Competition held at Hyderabad
- Winner of Microsoft Youth Spark Challenge for Change, 2015- World Championship, attended 6 weeks of Leadership program at Nicaragua and was given opportunity to serve as a Microsoft Youth Spark Advocate
- Winner of Microsoft Imagine Cup National finals 2015, and represented Country at the International finals held at Seattle
- Winner of Yahoo Accenture Innovation Jockeys season 4
- Category winner of Yahoo Accenture Innovation Jockeys season 3 & got an opportunity for a direct interview with Accenture

PRASHANT GUPTA (B.Tech. ECE 2011-15)



Achievements:

- Pursuing MS from University of California Davis
- Represented the country at Microsoft Imagine Cup International finals 2013 at St. Petersburg Russia, under Innovation and World Citizenship Category for project Swasthya Sanjiwani
- Winner of People's Choice Award, Dell Social Innovation Challenge, 2013
- Shortlisted for the DELL Women empowerment challenge, 2013, World Semifinals
- First Runner up for Microsoft Imagine Cup, National Finals, 2014 under Innovation Category for Project Movaid
- World Finalist in Intel perceptual challenge, 2013 for Project Smart Shopping
- Selected for prestigious Young India Fellowship, Class of 2016 with Ashoka Merit Scholarship worth INR 1.5 Lakh
- Presented Research paper at IEEE International conference in Milan in July 2015

NEERAJ SAINI (B.Tech. ECE 2013-17)



- Pursuing MS from MIT Media Lab, Cambridge
- Invited by University of Pennsylvania to participate in Fall's Penn Apps event. He attended the same followed by another event HackMIT organized at Massachusetts Institute of Technology. He received funding of USD 500 from Univ of Pennsy lvania to attend the event.
- Invited to showcase his R&D work at the HUB week. Founded by The Boston Globe, Harvard University, MIT & Mass General Hospital, HUBweek is a first-of-its-kind civic collaboration that brings together the most creative and inventive minds making an impact in Boston and around the world.
- World finalists for the Tomorrow challenge 2016, a global event for most promising Science Technology projects and Startups. The event was held at Paris in October, 2016.
- Represented India in the global finals of MIT's Global Start-ups workshop (MIT GSW) Business Plan Competition held at Hyderabad
- Winner of Microsoft Imagine Cup National finals 2015, & represented Country at the International finals held at Seattle
- Winner of Yahoo Accenture Innovation Jockeys season 4
- Category winner of Yahoo Accenture Innovation Jockeys season 3 & got an opportunity for a direct interview with Accenture

AKSHITA SACHDEVA (B.Tech. CSE 2012-16)



- Going to Northwestern University Boston for pursuing MS
- Honored with the Geek Goddess by TechGIG in March 2017 (Techgig is India's Largest online Tech Community, where you can learn, update your skills, compete with fellow techies and get your dream job.)
- Winner of Microsoft Imagine Cup National finals 2015, and represented Country at the International finals at Seattle
- Winner of Yahoo Accenture Innovation Jockeys season 4 for the project Manovue (the World's first Intelligent personal assisting system for the visually impaired)
- Category winner of Yahoo Accenture Innovation Jockeys season 3 for the project Saviour Suit and got an opportunity for a direct interview with Accenture

HIMANSHU SEHGAL (B.Tech. CSE 2008-12)



Chief Foodie My Yellow Plate

- "My Yellow Plate" has been featured on INDIA.COM, Huffington Post, Scoopwhoop, Lonely Planet, Tripoto, Deccan Chronicle, StoryPick, India Today, The Quint, Rediff. ThatScoop etc.
- Awarded by The Lalit Hotels & SoDelhi at SoDelhi Confluence 2016
- Awarded by Delhi Technological University at "Out of the Box- 2017"
- Awarded by Manav Rachna Educational Institutions (Journey from an Engineer to a Traveler)

ALUMNI SPEAK



Sunakshi Mehta, Director, Website Sketchers Pvt Ltd B.Tech. (CSE) 2012 - 2016

We had our share of enjoyment and excitement at MRCE, be it academics, technical or cultural activities. Hats off to all the Professors, who went out of the way to teach us. "I Will Forever Be Grateful"

Sourabh Mehta, Associate Technical Consultant, Adobe, B.Tech (CSE) 2012-2016

Manav Rachna gives platform in form of a wide variety of Clubs, to choose your passion wherein you can develop your personality as well as your technical strengths.

Deepesh Kaushik, Assistant Manager, Maruti Suzuki, B.Tech (ME), 2011-2015

'MRCE helped me gaining practical knowledge along with all the technical aspects. This further helped me in achieving great success in my career and my life'.

Paras Dhawan, Software Developer in TCS, B.Tech. (CSE) 2010-14

'Manav Rachna laid the foundation of my career as a software developer. I still carry all the values and principles given to me by Professors who helped me a lot in setting my goals and working toward them overseas. MRCE has helped me to learn about myself in many ways and finding the right balance between work and fun is the biggest of all'.

Ankur Juneja, Masters of Science in Computer Science at California State University Long Beach, CA, USA, B.Tech. (CSE) 2009-2013

'It was a great experience being at Manav Rachna. The Faculty is very supportive and highly qualified. Assignments given by the faculty in various courses were very helpful'.

Sahil Verma, Application Development Analyst, Accenture, B.Tech. (CSE) 2011-15

Awarded with the Apex Award, 2016 at Accenture

The major credit for such an achievement goes to my project team, MRU and the Faculty members who laid such a strong foundation that it helped us to imbibe leadership and ownership qualities to conquer the top

Tarush Jain, Computer Science Engineer in WAPCOS (A public sector undertaking under the aegis of Ministry of Water Resources) B.Tech. (CSE) 2009-2013

'Manav Rachna College of Engineering not only gave me the technical know how of my field of study but also gave me ample opportunities and freedom to work on my own startup while I was in College. I feel that I got out of MRCE with a positive outlook and a greater perspective towards life'.

Aditya Kushwaha, Technocrat at Zomato B.Tech. (CSE) 2008-2012

"The freedom in the final year project selection and execution allowed to pick up industry technologies and made a project that not only helped me with my college grades but is the sole reason that I got my current job".

Kriti Dhall, Business Analyst at Cognizant Technology Solutions, B.Tech. (CSE) 2006-2010

'MRCE has helped me learn about myself in many ways and finding the right balance between work and fun is the biggest of all. Working closely with faculty members during Epiphany as the student co-convenor, I learnt that it is the student-faculty relationships, experiences and intangible attitudes that make this college outstanding. Nowhere else will professors go to such lengths to help, educate, nurture and inspire their student

Yuvraj Bhardwaj, B.Tech. (Computer Science & Engineering) MRU (Batch 2017-21)

Manav Rachna University offers a blend of learning, amusement and integration of enduring principles. What amazes me is the plethora of extracurricular activities that the Institute offers hence compelling every student to explore and pursue his/her extra talents. The Institute's library serves as the ultimate answer to all our queries in terms of no of books, papers, periodicals and helping staff. The infrastructure of the university speaks for itself.

Sakshi Sharma, Technical Lead, TCS, Arnhem, Netherlands, B.Tech. (ECE) 2008-2012

'The Institute and the Faculty exhibit remarkable chemistry to ensure student's professional growth & personal grooming at Manav Rachna'.

Varun Arora, Co-founder - Cafe de Rock, Gurgaon, B.Tech. (IT) 2007-2011

'The four years of my life at MRCE is the most memorable period of my life. The amount of encouragement, environment to try out new things & to venture out for things we ourselves would never attempt, has instilled a deep sense of confidence in me which helps me in everything I do & will do in future. Brilliant guidance & a culture based on encouraging ideas & creating ownership!'

Sumanyu Hans, Senior Engineer (New Product Development) Flexonics India Pvt. Limited, B.Tech. (ME) 2008-12

"Excellent Faculty, Good Student and Fair Management equal Bright Future." And this is true for Manav Rachna

Shailendra Sath, Information Security Consultant, Securelink, Dubai, B.Tech. (CSE), 2004-2008

'I was part of the first batch of MRCE, so the experience was great! Some would say we didn't have seniors to guide us! But I think it was a blessing in disguise to find our own way! Moreover, besides just being students, we took the task to expand MRCE's horizons. This task enabled me to grow as a person & understand human behavior along with Technology. The journey at MRCE was a great one! I made a lot of friends and lost a few!'

Esha Kaushal, Associate-ERS at Deloitte India, B.Tech. (IT) 2009-13

Manav Rachna helped me to shape my personality, infused self-confidence and made me ready to face the professional world. I truly respect and admire the faculty, the infrastructure and the guidance which the institute provided me."

Ankit Pruthi, Executive - Forensic & Dispute Services Team, Deloitte, B.Tech. (CSE) 2013-17

I always found a friend in all my teachers who constantly guided me to reach my goals

With the experience and exposure I got at Manav Rachna, it has enhanced my skills to work in such a competitive corporate environment.

Nishant Ahuja, Sapient Corporation, Associate Team Lead, (B.Tech. (ECE) 2006-2010

I am thankful to all the faculties of Manav Rachna University without whom I would not have been here where I am today. The environment in the University is very influential to keep you motivated and focused

Nidhi Puliani, NIIT Technologies, Business Analyst, B.Tech. (CSE) 2004-2008

MRCE gave me enough exposure in different areas through fest and other activities for an all round development. This helped me not in just technical skills but other softer skills that are absolutely essential for success in today's work arena

Ikshith Puri, United Health group, Manager, B.Tech. (CSE) 2004-08.

Manav Rachna is my second home; this institution is a perfect blend of imparting knowledge and providing opportunities to be what I am today. The faculty has been very supportive throughout my 4 years. If I say that they have given their best in teaching me than that would be an understatement. The base of one expects and how mine was built still helps me in my job even today. I give a good amount of credit to Manav Rachna for getting the best out of me and helping me is what I am today.

Yashraj Bhardwaj, B.Tech. (Computer Science & Engineering) MRU (Batch 2017-21)

The best part I found here is the friendly atmosphere. I am enjoying my student life with good quality of academics. The faculty members used to spend countless hours in giving personal attention to overcome our weaknesses and developing both our personality and skills to enable us to retain in the competitive world. The teaching faculty here are excellent who are teaching us the real values of professional life.



IMPORTANT TELEPHONE NUMBERS

Vice Chancellor - MRU	4268502	HOD - Mathematics	4268535
Pro Vice Chancellor - MRU	4268628	HOD - Education	4268644
Registrar	4268584	HOD - Law	4268657
Dean Academics	4268597	Dy. Registrar (Admin & Acad.)	4268585
Dean Faculty of Engineering	4268519	Dy. COE (Exam)	4268590
Dean Research and Faculty of Applied Sciences	4268601	Director, Admissions	4198440
Dean Examinations	4268514	Director Administration	4198220
Director Students Welfare	4268599	Director Planning and Coordination, International Collaborations & Marketing Director,	4198205
Director Industry Interaction	4268607	Career and Skill Development	4198253
Director Education	4268726	Director, Sports	4198458
Proctor	4268574	Director, Marketing & Branding	4198260
HOD - Computer Science and Technology	4268565	Dy. Director - IT	4198832
HOD - Electronics and Communication Engineering	4268619	GM - IT	4198948
HOD - Mechanical Engineering	4268609	General Enquiry (Campus)	0129-4198000, 4198100,
HOD - Management & Commerce	4268555		4268500, 4268800
HOD - Humanities	4268607	General Enquiry (Head Office)	4198600
HOD - Physics	4268538	Reception	4198200
HOD - Chemistry	4268537	Admissions Enquiry	0129- 4259000 (30 LINES)

MANAV RACHNA CITY OFFICES

KOTA: UG-17, 18 Bagherwal Four Seasons, Opp. City Mall, Jhalawar Road, Kota, Rajasthan.
Phone: 0744-2414066, 07822888513, 09910244484, Email ID: manoj.mriu@gmail.com

CHANDIGARH: SCO -144-145, 4th Floor, 403 Sec. 34-A, Chandigarh.
Phone: 0172-4643366, 09910244484, Email ID: chandigarh@mriu.edu.in

DELHI: 1007, KLJ Tower (North), NSP Pitampura, New Delhi.
Phone: 011-44110500 (30 lines), 09910244484, E-mail ID: delhi@mrei.ac.in

GUWAHATI: Near Rajdhani Masjid, Hatigaon Main Road, Dispur, Guwahati.

INDORE: 114, 1st Floor, Above Gordhan Thal, Tulsi tower, Geeta Bhawan Square, A B Road, Indore, Madhya Pradesh. Phone: 09910244484, E-mail ID: indore@mriu.edu.in

KOLKATA: Ward No. 107, Block-13EE Premises No. 1804, Rajdanga, Main Road, P.S Kasba, Kolkata.
Phone: 033-46010145, 09831062344, 07980406774, 09910244484, Email ID: Kolkata.mrei@gmail.com

LUCKNOW: S-82, 1st Floor, Gole Market, Mahanagar (Opp.-Police Station), Lucknow.
Phone: 09792495605, 0522-4073555, 09910244484, Email ID: lucknow@mrei.ac.in

PATNA: 5th Floor, Ram Ratan Tower, Near Pillar No.81, Sheikhpura, Bailey Road, Patna.
Phone: 09608095599, 09546673623, 09910244484, Email ID: patna@mrei.ac.in

RANCHI: UGF 37, City Center, Club Road, Opp. Gosner College, Ranchi.
Phone: 09693244934, 09334720030, 09910244484, Email ID: ranchi@mrei.ac.in

HYDERABAD: Flat No. 101, 7-1-621 Sahara Apartment Besides S.R Nagar Metro Station, Hyderabad.
Phone: 040-66774111, 08179283201, 09910244484, Email ID: hyderabad@mrei.ac.in

KABUL: White Vision Consultancy, Shop No. A-82, Ground Floor, Gulbahar Center, Kabul, Afghanistan.
Phone: 0093-789002050, 0091-9910244484, Email ID: Kabul@mrei.ac.in

KATHMANDU: Krishna Consultants level 4, Shree Krishna Sadan, New Baneshwar, Kathmandu, Nepal
Ph.: + 977 14785410/4782085, + 977 9801620337/9801147634, + 91-9910244484, Email ID: Kathmandu@mriu.edu.in



MANAV RACHNA UNIVERSITY

MRU Campus:

Sector- 43, Aravalli Hills, Delhi- Surajkund Road, Faridabad.

Phone: 0129-4268500, 4198100

E-mail: admissions@manavrachna.edu.in, URL: www.manavrachna.edu.in



ADMISSIONS HELPLINE
0129-4259000