



ACADEMIC SESSION 2022-23

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DISCOVER  
YOUR TOMORROW  
@ MREI



# MANAV RACHNA EDUCATIONAL INSTITUTIONS



NAAC ACCREDITED 'A' GRADE DEEMED TO BE  
UNIVERSITY & PROFESSIONAL INSTITUTIONS

ENGINEERING | MANAGEMENT | MICROBIOLOGY | PSYCHOLOGY | ECONOMICS | BUSINESS STUDIES | COMMERCE | COMPUTER APPLICATIONS | NUTRITION & DIETETICS  
MEDIA | FOOD SCIENCE & TECHNOLOGY | INFORMATION TECHNOLOGY | PHYSIOTHERAPY | HOSPITALITY & HOTEL ADMINISTRATION | EDUCATION | INTERIOR DESIGN  
LAW | LIBERAL ARTS | PHYSICS | CHEMISTRY | MATHEMATICS | SOCIOLOGY | DESIGN | DENTAL SURGERY | POLITICAL SCIENCE | PUBLIC POLICY & PUBLIC ADMINISTRATION

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Vidyanatariksha is a conjugation of the words 'vidya' and 'antariksha'. 'Vidya' means knowledge, information, the basis of creativity and innovation. It is the foundation of technology and envisages the future. 'Antariksha' means 'the sky' the space which we belong to or exist. It can be broken into 'antar' and 'Ikshan' which means inner vision. Hence the combination, the core promise becomes "The reality of inner vision or root of all knowledge".

Manav Rachna signifies the creation of human beings or individuals with attention to all components of holistic growth. The concept of 'Manav' is accorded the fundamental status. The true essence of Manav Rachna Vidyanatariksha is thus to create human beings who have an inner desire to gain knowledge.



**MANAV RACHNA**  
||vidyanatariksha||

**IF YOU'RE SERIOUS  
ABOUT YOUR DREAM,  
WE'LL TAKE YOUR  
DREAM SERIOUSLY**

**The vision flowered  
in the mists of time...  
The fragrance  
continues...**



### **DR. O P BHALLA**

Founder Visionary, Manav Rachna Vidyanatariksha

Dr. O P Bhalla, not a mere persona but a visionary and dynamic educationist who literally shaped an educational movement called Manav Rachna with the intent to create better human beings.

The mission continues with Manav Rachna Educational Institutions dedicated and committed as always to train and equip its students with latest knowledge and skills in the chosen fields in the backdrop of Indian ethos and values to enable them to face any global challenge with a view to transform them into insightful, honourable and responsible citizens of this great country and to imbibe a work culture of theoretical and applied research leading to creation and dissemination of knowledge.

While Dr. O P Bhalla is no more with us, his rich legacy is a standing testimony of excellence at work whose fragrance still continues to inspire us.

# BEGIN A NEW ERA

FOR MORE THAN 25 YEARS, MREI HAS BEEN THE PLACE WHERE VISIONARIES, INVENTORS, AND TRAILBLAZERS GET THEIR START. TAKING TO HEART THE REVOLUTIONARY SPIRIT THAT ENABLED THE FOUNDING, MREI ENCOURAGES EACH OTHER TO PURSUE UNPREDICTED LINES OF THINKING IN ORDER TO EFFECT CHANGE ON ALL SCALES. LEARNING. DISCOVERY. ENGAGEMENT. KNOWLEDGE FOR THE GREATER GOOD. JOIN THE MREI REVOLUTION.



# GLORIOUS RECORD OF PLACEMENTS, SUCCESS AND KNOWLEDGE



Across the journey of last 25 years, 55,000+ students, including alumni base exceeding 34,000+, have been seen walking the MREI corridors of knowledge. With more than 600+ reputed MNCs and Indian corporates patronizing MREI for student training and placement, the organization boasts of a consistently high placement record.

## THE MANAV RACHNA PANORAMA



## AN ARRAY OF ACCREDITATIONS

### MANAV RACHNA INTERNATIONAL INSTITUTE OF RESEARCH AND STUDIES (MRIIRS)

MRIIRS Faridabad, which is a Deemed-to-be-University under Section 3 of the UGC Act 1956, has been accredited by National Assessment and Accreditation Council (NAAC) with 'A' Grade. This distinction places the Institution in the premier league of the top-rated universities of the country. MRIIRS is a member of the Association of Indian Universities (AIU).

**NIRF, MHRD ACKNOWLEDGES US AMONG THE "BEST":** The prestigious NIRF India Rankings 2021 by MHRD, GOI has rated Manav Rachna International Institute of Research and Studies (MRIIRS) across three categories: Engineering (Rank 118), Dental (Rank 39) and University (Rank band 101-150).

**UGC 12 B STATUS:** UGC has granted 12 B status to Manav Rachna International Institute of Research and Studies in affirmation to its strong focus in Research and Development.

**NBA ACCREDITATION:** The National Board of Accreditation (NBA) has accredited B.Tech. Computer Science and Engineering, Electronics & Communication Engg, Mechanical Engg., Biotechnology and MBA programmes being offered at MRIIRS.

**ATAL RANKING:** MRIIRS has been ranked in Band A (rank between 6 & 25) under Private or Self-Financed Universities category in the 'Atal Ranking of Institutions on Innovation Achievements' released by the Ministry of Education, GoI.

**QS STAR:** MRIIRS has been rated QS 5 Star for Teaching, Employability, Academic Development, Facilities, Social Responsibility & Inclusiveness. The University has also been accorded a QS 4 Star rating for the Program Strength of its Computer Science & Engineering degree courses.

Manav Rachna University is a QS I-Gauge Diamond Rated University and QS I-Gauge E-Lead certified for the best online learning practices



# MANAV RACHNA INTERNATIONAL INSTITUTE OF RESEARCH AND STUDIES (MRIIRS)

## MANAV RACHNA AMONG THE LEAGUE OF THE WORLD'S BEST!

### FOUNDER MEMBER OF THE INDIAN ALLIANCE OF THE COLLEGE BOARD

Manav Rachna International Institute of Research and Studies (MRIIRS, formerly MRIU) and Manav Rachna University (MRU) are members of the prestigious "College Board's Indian Global Higher Education Alliance". The Alliance provides a platform for innovative Indian universities to engage with the world's most prominent universities to drive access and excellence in undergraduate preparation, recruitment, admission, and enrollment practices. Eminent Universities like the Harvard University, Stanford University, University of Michigan, Ohio State University, Princeton University, Boston University, San Diego University, Yale University, Georgia University, Massachusetts Institute of Technology, Purdue University, Miami University, and Johns Hopkins University are College Board members. This makes Manav Rachna a front runner for a partnership that will pave the way for generating new knowledge and forward-thinking global ideas.

### QS STAR RATING

QS World University Rankings has bestowed the QS 4-star rating to Manav Rachna International Institute of Research and Studies (MRIIRS). This is a highly commendable achievement as no University in India has yet been rated QS 5 star (overall) and only very few have been bestowed with the overall QS 4-Stars. As an acknowledgment of the strong teaching-learning processes, MRIIRS has been rated QS 5 Star for TEACHING, EMPLOYABILITY, ACADEMIC DEVELOPMENT, FACILITIES, SOCIAL RESPONSIBILITY, and INCLUSIVENESS. The university has also been accorded a QS 4-Star rating for the Program Strength of its Computer Science and Engineering degree courses.

### NAAC "A" GRADE ACCREDITED INSTITUTIONS

Manav Rachna International Institute of Research and Studies (MRIIRS), Manav Rachna University (formerly Manav Rachna College of Engineering) and the Manav Rachna Dental College (a constituent of MRIIRS) is a NAAC "A" Grade accredited institution. This is an acknowledgement and re-affirmation of our belief that quality education and excellence go a long way in transforming students' lives.

### APPROVAL OF STATUTORY BODIES

- All Engineering, Management, Architecture, Design and MCA programmes are approved by AICTE.
- B.Arch is approved by Council of Architecture.
- BDS & MDS programmes are approved by DCI, Ministry of Health and Family Welfare Govt. of India

# MANAV RACHNA UNIVERSITY (MRU)

Manav Rachna University (MRU) is a leading State Private University (established by Haryana State Legislature Act No 26 of 2014 & under section 2(f) of UGC Act 1956), offering globally relevant education. The University has evolved from Manav Rachna College of Engineering (MRCE, established in 2004, a NAAC Accredited 'A' Grade Institution) among the Top 2 Emerging Engineering Institutions of India and is the No 1 Emerging Engineering Institution in India for Research Capability & Placements as per the Times Engineering Survey 2021. The accreditation/ rankings are testimonial to the trust of accrediting bodies in the quality of education being offered, a well-established teaching and learning process guided by the global best practices, a culture of academic excellence promoting research, innovation & entrepreneurship.

Manav Rachna University is a QS I-Gauge Gold Rated Institution. Among the Indian Universities, MRU is also rated QS I-Gauge Diamond for Employability and for Facilities. It is also QS I-Gauge E-LEAD Certified as a globally recognised institution for delivering online education. Manav Rachna University has adopted cloud computing curricula from the Amazon Web Services (AWS) Educate global initiative into its mainstream college syllabus to help develop the next generation of cloud professionals.

The Faculty of Law at MRU is a founder member of the LSAC Global Law Alliance, a group of leading universities that provide the highest quality of legal education to India's future lawyers.







## APPROVAL OF STATUTORY BODIES

- All the engineering programs offered under the Manav Rachna School of Engineering (MRSoE), MRU are approved by the AICTE
- All the integrated law programs offered by Manav Rachna School of Law (MRSoL) are approved by the BCI
- The integrated B.Ed.Programs (4 years), B.Ed. Program (2 years) offered by Manav Rachna School of Education & Humanities (MRSoE&H) are approved by NCTE.
- The B.Ed. Special Education Program (2 Years) offered by Manav Rachna School of Education & Humanities (MRSoE&H) is approved by RCI
- All the approval letters received from regulatory bodies are available on university website.

## QUALITY ASSURANCE AND CONTROL

In keeping with its quality mission, Manav Rachna focuses not only on providing Quality Education in contemporary domains but also strives to make students independent in thought and action. It lays great emphasis on quality through application orientation in its academic programs. The Quality standards of both, MRIIRS and MRU are driven and monitored by their Internal Quality Assurance Cell (IQAC) with the participation of all stakeholders.

## UNMATCHED FEATS BY MREI STUDENTS

- A three-member team from MRIIRS developed "Caeli" (which means air in Latin) - a smart automated anti-pollution and drug delivery mask specifically designed for asthmatic and chronic respiratory patients. The team was the second winners of the Microsoft Imagine Cup global finals.
- Team of B.Tech. Computer Science & Engineering, Manav Rachna University, Faridabad, is the proud winner of SMART INDIA HACKATHON 2020 under Software Category. They represented MRU on problem statement of Ministry of Rural Development 'MK206' (Non-network-intensive record-keeping system for Self Help Group) virtually in online mode at Chandigarh University Nodal Centre, during the Grand Finale of Fourth Software edition (Online platform) of Smart India Hackathon- 2020, held in August 2020. Team Error=404 won the prize money INR 1,00,000.

- Ms. Aashlesha Sharma, a student of 3rd year B.Tech-Mechanical Engineering, FET, MRIIRS has been selected as a Technical Student at CERN (European Organization for Nuclear Research), the world's largest Nuclear and Particle Physics Laboratory (best known as operator of the Large Hadron Collider) situated at Geneva, Switzerland. She is one amongst the five Indian students selected for this prestigious program. Three students from IITs, one student from Banaras Hindu University & one from MRIIRS.
- MRIIRS has collaborated with Dr. Sukrit Silas, an internationally acclaimed scientist and scholar, also the Director of SeqIndia Labs Pvt. Ltd. for developing and commercializing a novel non-invasive prenatal test (NIPT) for Down's syndrome. Dr. Silas has attained his Doctor of Philosophy in Chemical & Systems Biology from Stanford University School of Medicine, Stanford CA and is a recipient of "Gates-Cambridge Scholarship", "Stanford Graduate Fellowship", "HHMI International Student Research Fellowship", "Harold M. Weintraub Graduate Student Award" and many more such accolades both on national level & international level.
- Akanksha Ahuja (B.Tech. CSE), did Technical Student Internship @ CERN, Geneva, Switzerland (2018), with a monthly stipend of 3283 CHF (~ 2,26,600 INR)



- Dhruv Dangi (CSE) participated in an online competition Yureka “Apps for YU Challenge” organized by YU from Micromax, inviting Indian developers of all age groups to make apps for Cyanogen OS (Android). For his app named 'Transparency' he won the first prize of Rs. 1,00,000/- (OneLakh).
- A startup incubated under NewGen IEDC, Department of Science & Technology, Government of India, has developed a web application - “Fighting Coronavirus” as a response to Government of India's 'COVID-19 Solution Challenge'.
- A team of researchers from Manav Rachna Innovation & Incubation Centre has designed a prototype of a low-cost portable emergency ventilator remotely to provide temporary oxygen supply for patients with emergency needs. All the safety and technical parameters of the ventilator have been set as per International benchmarks. The ventilator

is highly cost-effective (approximately five thousand rupees). Titled as ANSH, this E-Ventilator has an integrated mobile app that allows doctors to monitor the patient's progress remotely.

- Makershala (Technoplanet Lab Pvt. Ltd.), a startup incubated MREI has designed a PPE Face Shield for Health Care Staff and frontline professionals involved in reating & monitoring of COVID-19 patients. The Face Shield is very cost effective & can be produced at a much faster rate to meet the current demand.
- The students of Manav Rachna Educational Institutions have developed a revolutionary product “Pariyanantra”, which is an 'Air Pollution Mitigation' product that cleans atmospheric air through filters fitted on vehicles. The Delhi Government & Rajasthan Government have adopted the product. Pariyanantrawas formally flagged off by Dr. Harsh Vardhan, Hon'ble Minister for Science & Technology, Environment, Forest and Climate Change and Earth

Sciences from the Paryavaran Bhawan in New Delhi under the Clean Air Week campaign. He was accompanied by senior officials from the Central Pollution Control Board (CPCB) & the Environment Ministry.

- Yuvraj & Yashraj, both students of MRU have 24 projects & 7 patents to their credit. They are the young owners of the company - Zenith Vipers & have been awarded with the prestigious Karamveer Chakra.



# RESEARCH & CONSULTANCY



## RESEARCH & CONSULTANCY

- M/S Tricho Agronica Pvt. Ltd., a startup company with Indian Oil (R&D) Faridabad, an initiative sponsored by Ministry of Petroleum & Natural Gas, Govt. of India. at Department of Biotechnology, FET has received a grant of Rs. 1.72 crore for development of bioformulation against fungal disease in tomato crop as model crop. It is totally organic in nature. After PAN INDIA field trials by leading Central Agricultural Universities in the country, it has shown Promising results. There has been increase in yield and lycopene content of tomato in all four agroclimatic zones. Thus, it acts as both biostimulant and biopesticide.
- National Flagship Programme "Jal Jeevan Mission" at haryana has ensured safe drinking water to households in rural areas. The Public Health Engineering Department (PHED) has engaged MRIIRS as state implementation support partner (SISA). CAWTM, a unit of MRIIRS, will execute the project.
- Atal Bhujal Yojna "Atal Jal" a prestigious water focussed programme, of Haryana Govt and inline with central government. Water Resources Dept. Haryana has engaged MRIIRS as District Implementation Partner (DIPs) for District Faridabad and Palwal for 2021 to 2025. CAWTM, a unit MRIIRS will execute the Project.
- They (MEI) have started a new vertical by according authorization to conduct various modules in automation in this center.
- Vedanta CAIRNS oil & GAS Pvt. Limited, which has contributed ~ 27 percent to India's domestic crude oil production in FY 2017-18, has engaged Centre for Advance Water Technology & Management, MRIIRS for consultancy services for Hydro census Work. The centre has expertise and knowledge of CGWA compliances Consecutively for next 3 years i.e, 2021-2024.
- The Centre for Advance Water Technology & Management, MRIIRS had received another important consultancy from Maruti Suzuki Foundation, Gurgaon for improving water management prospects of the 10 villages adopted by Maruti Suzuki India Limited. To start with, village KHOH has been taken into consideration amongst the 10 villages adopted. The financial outlay for KHOH village is Rs. 4.80 lacs out of total project outlay of Rs.15 Crore.
- The Centre for Advance Water Technology & Management, MRIIRS has been allocated Wash Innovative Lab (WIL) supported by NIUA under funding by USAID of Rs. 23 Lacs; to undertake various activities pertaining to Water, Sanitation and Hygiene Sector. For this Tri-party Agreement has been implemented with Municipal Corporation Faridabad (MCF) and National Institute of Urban Affairs (NIUA) and MRIIRS. In addition to other aspects, DPR of Nangla- Gujran village pond has been submitted to Municipal Corporation Faridabad (MCF) under action research. The Phyto-remediation Technology proposed to clean the water and maintain it has been recommended and much appreciated by NGT, India.



- The Entrepreneurship Development Institute of India (EDII) working under the aegis of National Science and Technology Entrepreneurship Development Board, DST, GoI has provided a funding of Rs. 2.67 crore to New Gen IEDC to accelerate its activities for encouraging research, innovation and entrepreneurship among students. Under this initiative, 25 start-ups have been supported by providing mentorship, prototype dev grant, industry connect lab support, marketing support etc. in its first 2 years and another 75 start-ups would be supported in next 3 years.
- A prestigious Project on Solid Waste Management at village Rakhi-garhi, Hissar has been received with funding of Rs. 20 Lakh from ITRHD, New Delhi to establish a complete system of garbage collection, segregation and treatment. This site with 550 hectares area is the largest IVC site in the world and is about double the size than that

of next largest site Mohenjo Daro. It is about 6,000 years old pre-Harappan IVC site and 5,000 years old human skeletons have been found during the excavation, from which Scientist for the first time have isolated DNA from skeletons of the Indus Valley Civilization. The compost generated out of organic waste of village from the Bio-digester installed is being used in the fields as manure having good C/N ratio.

### OUR ACHIEVERS: THE WORLD IS OUR GROUND!

Ankur Mittal and Shreyasi Singh, students of Manav Rachna bestowed with Arjuna Award 2018

Manav Rachna family is proud over the achievement of its two very deserving MBA students Shreyasi Singh and Ankur Mittal. They both have been awarded by the "Arjuna Award" by the hon'ble President of India for their outstanding achievements in the sport of "Shooting".

COMMONWEALTH GAMES 2018 | ASIAN GAMES 2018 | ISSF SHO TGUN WORLDCHAMPIONSHIP the list is endless

- Ankur Mittal (MBA, Manav Rachna) Men's Double Trap Bronze at 2018 Commonwealth Games
- Shreyasi Singh (MBA, Manav Rachna) won Women's Double Trap Gold at 2018 Commonwealth Games
- Anish Bhanawala (MRIS Charmwood) is the Youngest Indian to win Gold at 2018 Commonwealth Games
- Gaurav Solanki (BBA, Manav Rachna) Boxing Gold (52 kgs) at 2018 Commonwealth Games Gold, Youth Asian Championship (Bangkok)
- Angad Bajwa (BBA, Manav Rachna) won Bronze (Skeet) at World University Games 2019, setting a record

# THE WORLD AT OUR DOORSTEP

## THE WORLD AT OUR DOORSTEP

### A SNAPSHOT OF FACILITIES

For today's young learners; college is their world, life and dreams. It is the place where they evolve and grow as individuals, ready to take on the challenges of the future; the place that unlocks the doors to success and gives them an added edge. At Manav Rachna, college means all of these things to our students as they find expression through a colourful ensemble of events. A steady stream of seminars, workshops, symposiums, exhibitions, research expositions, cultural meets and competitions ensure that there is never a dull moment-with every nook and corner of the campus inspiring creativity and expression!

### A SNEAK PEEK INTO THE CAMPUS...

**Central Library:** A collection of more than 3 lakh documents in print & electronic format; smart card, RFID & Wi-Fi enabled! Additional dedicated libraries across department blocks.

**SUBWAY:** The world's largest fast food chain "SUBWAY" has an outlet at the Manav Rachna campus. So, to "bhagao" the hunger pangs walk into the SUBWAY restaurant at A-Block (near Sports Arena 1) of the MREI campus. Brighten your day with the "Sub of the Day" & your favourite sandwiches from 8:00 am to 10:00 pm.

**Cafeterias:** Sumptuous multi-cuisine food options, the world's largest fast food chain SUBWAY, Nescafe, Chaigaram, a well-established food court providing varied options to the students (café woody's, 34 Chowringee Lane, a Juice Lounge, a Dosa Plaza, Momo Box, Sugar Shacks (Waffles)) among others.

**WH Smith:** UK's most popular retail outlet WH Smith has been the in-campus shopping haven for our students.

**Auditoriums:** Fully- air conditioned auditoriums across the campus (with multiple seating capacities).

**Amphitheatre:** A cultural haven and the "Manch" for creative expressions!

**Health First:** Well-equipped dispensary with qualified doctors & nursing staff; two ambulances; dental & physiotherapy OPD; tie-ups with premier hospitals.

**Specialized Labs:** Centers of Excellence and Research Clusters backed by industry include specialized set-up by Daikin, Intel, Mitsubishi, IBM, Xebia, Altair, Infineon, Sky Tester, Honda and more.

**Sports Academy:** With international facilities in Shooting, Badminton, Swimming, Lawn Tennis, Table Tennis, Soccer, Chess, Cricket, Volleyball, Basketball, Skating, and Gymnastics.





## SHOOTING ACADEMY

- 7,000+ budding shooters training across 13 shooting ranges (with SIUS ASCOR targets)
- Country's only ISSF accredited training center
- Country's only Perazzi Lounge housed within the Shooting Range
- 25m/50m electronic targets (SIUS ASCOR) range
- Olympic Standard Firearms (air rifles, air pistols, Perazzi & Beretta 12 bore shotguns, and ammunition)
- Shotgun shooting range for Trap, Double Trap, Sporting and Skeet (with night shooting options)
- Specialized trainers program
- Performance Enhancement Support at the State-of-the-art Manav Rachna Sports Science Centre

**Sports Science Centre:** Manav Rachna Sports Science Centre is committed to help talented athletes in optimizing their performance through utilization of science, performance testing and monitoring, applied research and education. State-of-the-art equipment for Sports physiotherapy and rehabilitation, Sports psychology, Sports performance analysis, biomechanical analysis, personal training, pilates and yoga.

## STUDENTS FROM ACROSS THE GLOBE AT MREI

Manav Rachna Educational Institutions (MREI) attract students from all across the country and abroad. Currently, it has students from almost all States/Union Territories in India and 13 foreign countries. Close to the vibrant national capital city, Delhi, the MREI campus has a warm, welcoming community, offering a fulfilling experience that shapes students' lives. This leads to better career prospects and a

bright future. At the very least, it gives access to many beautiful seasons, wide-open spaces, abundant nature, multicultural diversity, clean environment and incredible quality of life. A difference waiting to be discovered by ambitious students.

## 535+ FILED PATENTS, 7800+ PUBLISHED RESEARCH PAPERS

With a commitment to excellence across diverse spheres of education, MREI is focused on R&D with 535+ patents filed/granted and more than 7800+ published research papers in International/National journals and conferences. The focus at Manav Rachna Innovation and Incubation Centre (MRIIC) is on applied research leading to patents, research publications in reputed Journals/Conferences and generation of IPRs, with the ultimate aim of improving employability skills of the University Graduates.



### ACADEMIC TIE UPS WITH LEADING FOREIGN UNIVERSITIES

In its quest for excellence, Manav Rachna Educational Institutions have entered into Academic tie-up with a number of prestigious foreign Universities. Auckland Institute of Technology, Newzealand, National University of Ukraine on Physical Education and Sport, Ukraine, St. George University, West Indies, The University of Waikato, Newzealand, The University of Winnipeg, Canada, The notable ones include Laurentian University, Livingstone International University of Tourism Yuan Ze University, Taiwan, Wentworth Institute of Higher Education, Australia Western Sydney University, (Sydney) Illinios Institute of Technology, (Chicago) Norquest College, (Canada), Ohio University, (US) Universiti Teknologi Malaysia (UTM) The University of Newcastle, Australia, Universitas Indonesia, Indonesia, The Universidad Nacional Villa María, Argentine, Haaga Helia University of Applied Sciences, Finland, Metropolia University of Applied Sciences, Finland, Laurea University of Applied Sciences Finland, Istanbul Gedik University, The University of North Texas (UNT) Universidade Lusófona de Humanidades eTecnologias, Portugal, The University of Wisconsin, USA, Nottingham Trent University, UK, University of the West of England, Bristol, UK. University of Regina, Canada, University of Malaya, Malaysia,

T.C Beyken University, Turkey, Syrian Private University, Syria, Asian University, Vietnam, Akamai University, USA, Al Mustaqbal University College, Iraq, Karabuk University, Turkey, The University of Nottingham, U.K, Auburn University at Montgomery, USA, Purdue University North West (USA), Lahti University Finland, Algonquin College, Ottawa, (Canada), Auckland Institute of Studies (AIS), Auckland, (New Zealand), University Pendidikan Sultan Indris (Malaysia), Tsukuba University (Japan), Arlington, (USA), Bangladesh Institute of Sports Sciences (BISS) (Bangladesh), Hiram College, Ohio, (USA), Gerlev Physical Education and Sports Academy, (Denmark), Binawan Institute of Health Sciences, (Indonesia), College Sevigne, Paris France, University College of Northern Denmark (UCN), The University of North America (UoNA), Istanbul Aydin University (IAU), Our Lady of the Lake University (OLLU) San Abtonio, Texas, (USA), Hasan Kalyoncu University, (Turkey), Istanbul Commerce University, (Turkey), Istanbul Kultur University, (Turkey), University of Sinaloa, (Mexico) & Antioquia School of Columbia (USA) & University of Pitesti (Romania). Abdullah Gul University (Turkey), President University, Curtin University, Vinh University, Vietnam, University of New Castle, Australia, Osh State, Kyrgyztan, Cyprus Health and Social Science University, Turkey, Aston University, UK and ISDE Law Business School.

### RESEARCH COLLABORATIONS

Manav Rachna has research collaborations with Indian Oil Corporation, R&D Centre, Faridabad, Translational Health Science & Technology Institute, Faridabad, Council of Scientific & Industrial Research, Indian Institute of Petroleum Dehradun, National Institute of Immunology, New Delhi

### LEADING INDUSTRY ACADEMIC PARTNERS

**Truechip:** A Memorandum of Understanding (MoU) was signed, between Manav Rachna University, Truechip Solutions Pvt. Ltd. and Future Tech Wizards LLP. The MoU is an opportunity to collaborate and work together for an advance technological innovation through the creation and dissemination of information and knowledge in the field of electronics and communications and also for developing skilled human resources through specialized training including but not limited to conducting VLSI training programs for the students of Manav Rachna University.

**Sahai Labs:** The department of ECE, MRU signed a MoU with Sahai Research Labs, Sahai Research Labs is a research focused organization committed to develop low cost healthcare products and technologies & aimed at transforming lives of poor & needy people across the globe. They work across the industry verticals in areas like IoT, FPGAs, Embedded Systems, High Level Synthesis etc. Sahai Research Labs Under Graduate students of the university which would give them exposure to cutting edge and latest technologies making difference to the society.

**Microsoft:** MRIIRS and Microsoft have joined hands to introduce a new course(s) B.Tech. in CSE with specialization in Artificial Intelligence and Machine Learning, Cloud Computing which are specialization program designed to better equip students with the next generation of technologies like building intelligent machines, domain knowledge in cloud architecture & IoT environments, software & applications with a cutting-edge combination of machine learning, cloud computing, analytics & visualization technologies.

**Daikin:** MREI has collaborated with Daikin Air Conditioning India Pvt. Ltd. to set up a Centre of Excellence (COE) on Refrigeration & Air Conditioning. The Centre will ensure hands on practical exposure for students & help them acquire the new technologies, making them job-ready for the sector.

**Xebia:** Department of CST, Manav Rachna University is offering B.Tech Computer Science & Engineering with specialization in Artificial Intelligence & Machine Learning and Cloud, DevOps & Automation in association with Xebia. Xebia, a Dutch based specialized global IT Consultancy and Services Company. The curricula for the B.Tech. specialization in Digital Transformation Engineering 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 program on Data Science & Machine Learning will focus on enhancing Mathematical Foundations, Statistical Foundations, Machine Learning, Neural Networks, & Applied Artificial Intelligence.

**IBM:** IBM has tied up with MRIIRS to jointly offer B.Tech. -Computer Science & Engg. with specialization in Digital Forensics & Cyber Security to train the students on latest global technology and equip them with practical knowledge of working in IT sector, where they can learn to implement their theoretical knowledge acquired through their program.

**Mitsubishi Electric:** Mitsubishi Electric India has set-up an Advanced Factory Automation Lab and its Centre of Excellence. The center has world class infrastructure with latest iQR set up including: Q series Programmable logic Controller (PLC), Servo, Variable Frequency Drive (VFD), Graphical Operational Terminal (GOT) 2000, X-Y Plotter, FX Kits, Robot Simulator setup with with six axis joint & 240 degree in either direction which is First Robotics Lab set up by MEI in the north India and SCADA Software for monitoring and analysis. Regular training programmes/ courses are conducted in this Factory Automation Lab and Centre of Excellence.

**NSDC:** A pilot project across 100 schools in Haryana is being implemented by NSDC & KEDMAN SkillEd India Ltd. (a joint venture between Kunskapsskolan Education Sweden AB and Manav Rachna Educational Institutions). Sophisticated labs are being created in 5 identified schools one each in Faridabad, Gurgaon, Bahadurgarh, Manesar and Panchkula with investment in infrastructure, civil work, IT equipment by KEDMAN to ensure students get the best outcome from the programme.

**Honda Motorcycle and Scooter India Private Limited (HMSI):** The Department of Automobile Engineering, MRIIRS in association with Honda Motorcycle and Scooter India Private Limited (HMSI) has established a Centre for Automotive Training & Research. Here, HMSI will provide technology support to MRIIRS for setting up training and research infrastructure for MRIIRS students.

**"Infineon Centre of Excellence"** has been set up in the department which is the first centre of Infineon in India launched by Infineon's Power Management & Multimarket (PMM) division. Infineon will provide Internship, expert talk and workshops to students and also opportunity to work on live Industrial projects in collaboration with them.

**INTEL Internet of Things (IOT)** Manav Rachna International Institute of Research and Studies is collaborating with Intel® Corporation for launching a B.Tech Program in Electronics and Communication Engineering with specialization in Artificial Intelligence and Internet of Things. This Course provides an opportunity to the students to learn the insights to the most important technologies driving the modern world namely Artificial Intelligence and Internet of Things. Students will be given 360 degree exposure to various Intel Hardware and Software platforms that are used in Industry for AI and IoT development. In the IoT Space the students will get to learn about Intel Galileo, Intel Edison Boards along with other popular boards like Raspberry Pi and Arduino for designing IoT Systems.





# CONSISTENT TOP RANKINGS ACROSS THE COUNTRY!

## CONSISTENT TOP RANKINGS ACROSS THE COUNTRY!

- Manav Rachna International Institute of Research and Studies has been rated among the top PERFORMERS in the Atal Ranking of Institutions on Innovation Achievements rankings 2021 released by the Ministry of Education, Govt.
- UGC has granted 12 B status to Manav Rachna International Institute of Research and Studies in affirmation to its strong focus in Research and Development
- As acknowledgment of the strong teaching learning processes, MRIIRS has been rated QS 5 Star for Teaching, Employability, Academic Development, Facilities, Social Responsibility and Inclusiveness. The university has also been accorded a QS 4-Star rating for the Program Strength of its Computer Science and Engineering degree courses.
- Manav Rachna International Institute of Research and Studies makes a massive leap in NIRF Rankings: Dental - Rank 39, Engineering - Rank 118, University-Rank Band 101-150.
- Faculty of Dental Sciences, Manav Rachna Dental College, Manav Rachna International Institute of Research and Studies (MRIIRS) ranked 39 among the Top Dental Institutions in 'NIRF India Rankings 2021' by MHRD, Government of India.
- MRIIRS has been ranked in Band A (rank between 6 & 25) under Private or Self-Financed Universities category in the 'Atal Ranking of Institutions on Innovation Achievements' released by the Ministry of Education, Govt.
- MRIIRS is ISO 9001:2015 Certified Institution from BSCIC Certifications Pvt. Limited Faridabad for Corporate Relations and Career Management Centre: Career Skills & Guidance: Guidance & Counselling for Employability, Employability & Pre-placement Training; and Corporate Relations & Support; Examination Cell: Conduct of Examinations, Result Declaration and Award Management; and Central Library: Acquisition, Organization and Dissemination of the Library Services.



ranking



- Faculty of Management Studies, MRIIRS ranked No. 9 among the Private B-Schools of Delhi-NCR as per Outlook-ICARE India MBA Rankings 2022.
- MRU IIC has been awarded 4-Star rating by MHRD/ MoE Innovation Cell over last 3 consecutive years since its inception.
- Faculty of Engineering and Technology (FET), MRIIRS is among the Top 4 Private Engineering Institutions of North India and among the Top 7 Private Engineering Institutions all over India as per Times Engineering Institute Rankings 2021. FET ranks 15 for its Research Capability among Engineering Institutes across India and No. 7 for placements among private engineering institutions of the country!
- Manav Rachna University is among the Top 2 Emerging Engineering Institutions of India and is the No 1 Engineering Institution in India for Research Capability & Placements in the latest Times Engineering Institutes Ranking 2021.
- Faculty of Management Studies, MRIIRS ranked among the Top 6 Private Universities, Top 7 among the B-Schools in North India, and Top 17 among the Top 100 B-Schools as per the Times B-School Survey 2021.
- Manav Rachna Dental College has ranked No. 10 in the 'Best Dental Colleges' in Indian Institutional Ranking Framework (IIR-2021) by Education Post.
- Manav Rachna University has attained another milestone of 25 h-index in research publications as per Scopus database.
- Manav Rachna Dental College ranked in the league of Top 10 Emerging Dental Colleges of India in India Today's Best Colleges Survey 2021.
- India Today places Manav Rachna Dental College at rank 24 among the Top Dental Colleges of India in India Today's Best Colleges Survey 2021.
- Faculty of Engineering & Technology, Manav Rachna International Institute of Research and Studies ranks 58 among the Top Private Engineering Colleges of India in India Today's Best Colleges Survey 2021.
- Faculty of Law, Manav Rachna University ranked no 3 amongst the 'Top Law Schools of Excellence' by CSR-GHRDC Survey 2021
- Manav Rachna International Institute of Research and Studies ranked No.13 among the India's Best Private Universities in India Today-MDRA Best Universities Survey 2021.
- Manav Rachna University is among the Top 60 Universities of India in India Today-MDRA Best Universities Survey 2021.
- Manav Rachna International Institute of Research and Studies ranked No. 2 Private University in Haryana in Outlook-ICare India University Rankings 2021.
- Faculty of Commerce and Business Studies, Manav Rachna International Institute of Research and Studies ranked among the Top 10 Private BBA Institutes of India. It has also ranked No. 5 among the Top 10 Private BBA Universities of India, and No. 5 among the Top BBA Institutes for Placements. The Times of India has also placed FCBS at rank 9 among the Top BBA Institutes of India.
- Department of Management and Commerce, Manav Rachna University ranked among the Top 10 Emerging BBA Institutes as per Times BBA Education Ranking Survey 2021.
- 'Outstanding Contribution in Online Education and Pedagogy 2021' Award has been conferred to Manav Rachna International Institute of Research and Studies during the New Normal Education Leadership Awards and Summit 2021.
- Manav Rachna University has been awarded with the 'Outstanding University/ Institute in Learning Initiative and Skill Development 2021' during the New Normal Education Leadership Awards and Summit 2021.

# THE MREI PHILOSOPHY ACCESS AND FLEXIBILITY

## THE MREI PHILOSOPHY ACCESS AND FLEXIBILITY

### SCHOLARLY PURSUIT

We guide our students to find their own academic paths by helping them to reason, analyze and understand in unprecedented ways. The academic experience at MREI is characterized by a spirit of academic energy, exploration and challenge.

### INFLUENCED STUDY

We have enriched resources to connect professional education to the processes of inquiry and discovery. MREI students explore ideas by collaborating directly with our exceptional faculty in a programme of study that focuses on interdisciplinary exploration.

### ENGAGED IMMERSION

A student's education doesn't end at the classroom door. We provide an incredible variety of opportunities for students to enhance in-class learning with hands-on experiences, service in the community and development of leadership skills.

### THE MREI SPIRIT: CULTURE OF CHAMPIONS THROUGH EXCELLENCE

We view education not only as a gateway to personal development, but also as a pathway for improving society

### THROUGH FACULTY

Within the ranks of MREI's faculty are scholars of national & international prominence in every area of academic study.

### THROUGH SPORTS

Our students play because they are passionate, they love sports and they love to represent MREI.

### THE MREI AMBIENCE: AMAZING ABUNDANCE OF OPPORTUNITIES

To turn MREI opportunities into personal strengths, one has to desire them, reach out to them, and actively incorporate them. It's an individual choice, but it matters what one does.

## ENERGIES OF INTELLIGENCE & CREATIVITY

A great institution is a scene of constant combustion, where energies of intelligence and creativity are released in a bonfire of innovation and evolution.

## HIGHEST REALIZATION OF HUMAN POWERS

Like raising the benchmark, MREI is dedicated to the highest realization of human powers.



This year, MREI is celebrating its twenty-fifth year, and it is a year of both looking back and looking forward.

We look at the journey we have taken as an educational entity. We share with you the achievements and benchmarks. One of our strengths is that we have never resisted change, and have always kept a forward focus.

The combined efforts of the management, faculty and alumni have guided us to the enviable position we are in today. We have excellent programmes at all levels, a continually growing reputation, a wonderful faculty that continues to build on the strengths of yesterday, consolidate the fortes of today and the luminaries of tomorrow.

The future is undoubtedly shaped by the successes of the past, but as it has always been, the future is built through the commitment and contributions of all.

On our twenty fifth anniversary, I offer greetings to all our alumni, friends and colleagues, those connected with us over the years and others yet to come!

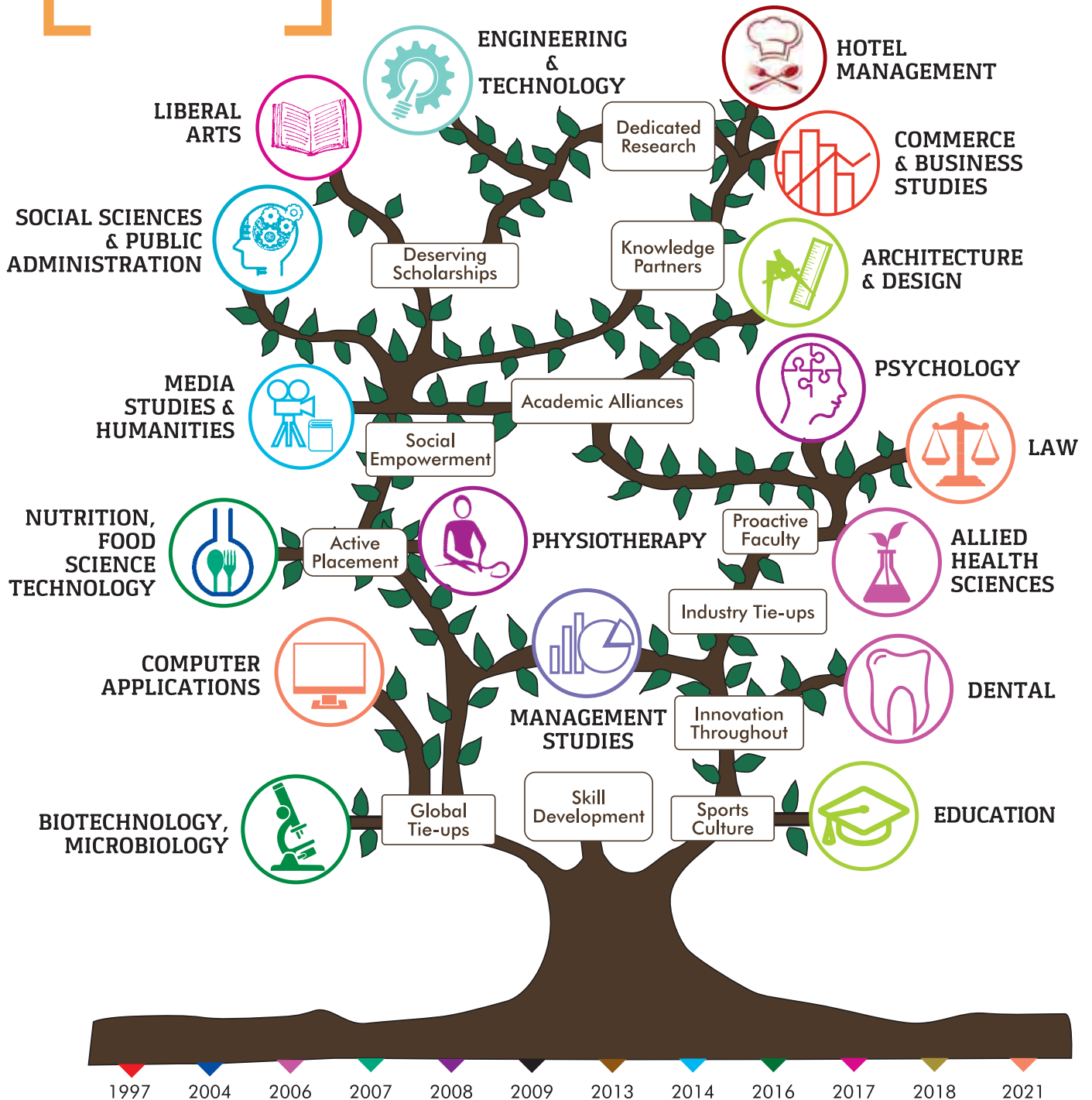
Best wishes

**Ms. Satya Bhalla**  
Chief Patron, MREI



## CHIEF PATRON'S MESSAGE

# 25 YEARS OF OPTIMISM & EXCELLENCE



- ▶ Career Institute of Technology and Management has evolved into Manav Rachna International Institute of Research and Studies (MRIIRS)
- ▶ Manav Rachna College of Engineering has evolved into Manav Rachna University (MRU)
- ▶ Manav Rachna Dental College (MRDC) A constituent Institution of MRIIRS (Deemed to be University)
- ▶ Manav Rachna International School, Sector-21C, Faridabad
- ▶ Manav Rachna International School, Sector-14, Faridabad
- ▶ Manav Rachna International School, Sector-46, Gurugram
- ▶ Manav Rachna International School, Sector-51, Gurugram

- ▶ Manav Rachna International School, Charmwood, Faridabad
- ▶ Manav Rachna International School, Sector-51, Noida
- ▶ Manav Rachna International School, Dugri Road, Ludhiana
- ▶ Manav Rachna International School, IT City, Mohali
- ▶ Kunschkapskolan Gurugram, Gurugram
- ▶ Kunschkapskolan International, New Gurugram
- ▶ Kunschkapskolan, Lucknow
- ▶ Kunschkapskolan, Bengaluru
- ▶ Manav Rachna Centre for Distance and Online Education

Warm Greetings and Congratulations -  
Welcome to MREI!

It is with great honour and pleasure that I extend best wishes to you all on behalf of the entire MREI community. It is our sincere hope that your family and you are well, and able to manage the evolving challenges in the times of the pandemic. We are delighted to welcome all students and have launched exciting programmes led by in-house, adjunct and expert visiting faculty from industry and global academic institutions.

For twenty five years, we have strived to design and develop cutting edge, innovative and creative programmes in collaboration with advisory groups, industry professionals, Faculty, Staff, Alumni and institutional partners. We still do. Our advanced and innovative curriculum, learning tools and real-life work projects will prepare you for the global career path and industry work.

The MREI campus is green, beautiful and vibrant with student communities, cultural activities and festivals. We also host Centres of Excellence. You will engage with all for real life project learning.

You will also experience community engagement and real life learning. MREI education emphasises Life-Long Learning and Self-Transformation for the students.

We nurture a strong community of alumni. You will go through continuous mentoring and networking advantages with alumni who are leaders in multiple industry segments.

MREI's campus and community are eager to learn more about the new group of graduate programme students. You can look forward to taking on the challenges of academic and field based learning, as well as live projects.

I am deeply grateful for the presence of an outstanding group of in-house, adjunct and visiting faculty as well as staff and management, who work tirelessly to ensure the best possible learning experience for you here!

**Dr. Prashant Bhalla**  
President, MREI



## PRESIDENT'S MESSAGE

# FACILITATING EXCELLENCE

## FACILITATING EXCELLENCE

Manav Rachna Educational Institutions (MREI) is one of the leading names in higher professional education, with a dynamic spectrum of activities. The name actively promotes life as a journey of intellectual and personal discovery through highly innovative and flexible horizons. The institutions comprise multiple entities, a deemed university (including Dental College as its constituent Institute), a state university and K-12 schools. Manav Rachna Educational Institutions (both MRIIRS & MRU) are among the Founding members of the 'India Global Higher Education Alliance' of College Board. This places MREI among the league of the premier Universities across the globe including Harvard University, Stanford University, University of Michigan, Ohio State University, Princeton University, Boston University, Massachusetts Institute of Technology, Purdue University, among others.

MREI attracts students from almost all states/ union territories in India and diverse countries. The array of institutions have been crowned with accreditations for varied programmes in higher education. Manav Rachna International Institute of Research and Studies is a highly coveted NAAC Accredited 'A' Grade Institution, with a 'Deemed-to be-University' Status. Manav Rachna University, formerly MRCE (NAAC Accredited 'A' Grade Institution) is declared as a State Private University. MRIIRS and MRU are both Founder Members of College Board Alliance. Manav Rachna Dental College (Now a constituent of MRIIRS) is a NAAC Accredited 'A' Grade Institution.

Now, by embracing the technological and pedagogical opportunities of our digital age, we are expanding our scope, attracting more learners, offering more choices of online degree and widening our outreach. Manav Rachna Centre For Distance and Online Education offers UGC approved Online Degrees. We have an online learning portfolio worthy of a world-class university.

The institutions are premium, have QS Star Rating for Excellence and accreditations from professional bodies, benchmarked as NAAC 'A' grade, while the Manav Rachna International Schools have CBSE affiliation and AdvancED USA accreditation. KUNSKAPSSKOLAN Schools, India is a Joint Venture between KED Sweden (a network of 117 Schools in six Countries-Sweden, UK, USA, India, Saudi Arabia and Netherlands) & Manav Rachna.

In line with the vision of government's Skill India mission, KEDMAN Skilling Private Limited since inception has been focusing on skill development in multiple sectors like Beauty and Wellness, Retail, IT-ITeS, Healthcare to name a few. The initiative began in 2017 when the organization embarked on a pilot project, approved by the Honorable Chief Minister of Haryana for 100 Government run schools in the state to adapt the KED methodology from Kunskapsskolan, Sweden vocational classrooms in State Government-run schools. As a part of the project sophisticated digital labs were created with CSR received from Sony India, Oriflame, Honda Two Wheelers, NSDC, Orient Electric etc. at 13 identified schools across Faridabad, Gurugram, Bahadurgarh, Mahendargarh,

Panchkula, Palwal, Kurkshetra, Karnal & Jind. Apart from setting the digital lab, the CSR fund was also used to upgrade the lab with enhanced infrastructure and civil work so as to ensure that Govt. school students do learning in a conducive learning environment. More such labs are being planned in this Financial Year with the support of Corporate CSR.

At Manav Rachna, the focus is on excellent academic delivery with ICT, R&D and academic excellence, with a rich legacy of filed patents and thousands of published research papers in international/ national journals. The list of filed/ granted patents encompass 535+ and the research papers published in national/ international journals so far exceed 7800+.

Students regularly participate in prestigious international/ national project competitions, winning numerous awards. There are tie-ups with leading industry academic partners.

Student chapters of reputed professional bodies accelerate all round professional development of students. With a focus on training them in engineering hard skills and technology, there are institutional memberships of various Industry associations.

The emphasis is on the rationalization of student experience, transforming them into good professionals and human beings for future employment & life that crosses borders, boundaries & cultures.



Welcome to MREI.

At MREI, we have been offering an array of cutting-edge and niche programmes shaped by our team of experts for twenty five years. What sets us apart is our dedication towards providing our students with a holistic education through an interdisciplinary teaching approach, empowering them to make a bigger difference to their communities, nation and the world. When today's biggest challenges are increasingly interrelated and can no longer be successfully tackled by single-domain expertise, the opportunities of tomorrow lie in the hands of those capable of synergising insights outside of their specific disciplines with their own areas of knowledge. Our curriculum plays a vital role in this endeavour. We instill in our students an understanding of the bigger picture, the ability to think critically, comprehensively and globally, as well as the versatility to adapt easily to changes in both the workplace and real world.

Beyond graduating with a recognised degree and attaining a desirable career, my personal vision is to have our students leave the precincts of MREI with an everlasting desire to engage in lifelong learning.

We nurture students into nimble, adaptable and flexible leaders capable of scaling the ever-evolving environment. Through reskilling, upskilling and deep-skilling, members of the MREI family, both staff and students, continue to stay relevant and future-ready.

As we look forward to welcoming students back for the new academic year, we are committed to upholding the high quality of education that MREI is known for, while maintaining precautions in tune with all protocols. Together, we will emerge stronger and ready to tackle any obstacles ahead.

If you are seeking a top-notch education that will prepare you to thrive in today's rapidly-changing landscape, there is no better place than MREI. I invite you to join us in this exciting journey ahead.

**Dr. Amit Bhalla**  
Vice President, MREI



## VICE PRESIDENT'S MESSAGE



The education of Manav Rachna International Institute of Research and Studies (MRIIRS) aspires students, irrespective of the background to put forth the creativity and lay foundations to a community's dreams.

"There is no vision as powerful as the vision of knowledge; there is no penance as the oath of truth, there is any pain as that caused by desire; there is no act that gives more happiness than sacrifice". MRIIRS strives to carve young minds with a bright vision of the future motivated by Integrity, Pervance and Passion. This ensures that they are mentally wired to make a difference in their work place. Making every Manav Rachna student pragmatic and a responsible citizen is at the helm of the objective that we as an educational institute strive to achieve. We firmly believe that each student shouldn't be a mere success story but become an incomparable example of achieving self-actualization and being affront runner in all the realms of life.

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


Our biggest competitive edge as a country is our human resources. 71% or 742 Million Indians are below the age of 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 again "Make for the World". At Manav Rachna Educational Institutions, we are working on this mission as the business environment demands a new cadre of processionals with a Global outlook, yet with a deep rooted value system stringing form our vast cultural heritage and glorious past.

The program structure, teaching technology and inimitable industry interaction with focus on attitude, behavioral skills and global orientation have been the key features of our educational philosophy. Continuous learning is not a choice in today's business environment but a necessity. MRIIRS is committed to update and revise the course curriculum in sync with the dynamic needs of the business world, thereby abridging the gap between the "desired" and the "produced".

MRIIRS endeavors to create human capital for the industry that is not only suitable for today or tomorrow, but also for times to come. Come and be part of legacy where students are taught that nothing is unattainable to the one who has courage and who works hard!

**Prof. (Dr.) Sanjay Srivastava**  
Vice-Chancellor, (MRIIRS)

## VICE CHANCELLOR'S MESSAGE (MRIIRS)



I am of the considered opinion that knowledge is continuous and life long journey and should be rejuvenated and rekindled from time to time by ceaseless efforts. I after taking up the baton of Manav Rachna University as its Vice Chancellor realized that it is one of the most vibrant and student centric systems in India. The university is proud of its committed experienced faculty and staff, exceptionally brilliant students and a community that recognizes this campus as a vital educational, economic, cultural resource and a talent pool of our country. Through its faculty efforts, it disseminates knowledge, develops right attitude and provides life skills to its students and shall continue to do so for generations to come.

The University acts as a perfect platform for its students for achieving the highest professional career goals and provides a mentoring support in terms of teaching learning process, Research and Community Service. We create opportunities in and out of the classroom for students, faculty and staff to work and learn together, promoting a student-centered atmosphere. The active learning pedagogy adopted at the university equip the students with problem solving capabilities, creativity, innovative thinking, entrepreneurial temperament, high morale, ethics, integrity and vision.

We facilitate students to remain full of excitement, enthusiasm and experience that they shall cherish throughout their lifetime.

Our education is directed to transform our students into responsible and enlightened citizens, confident leaders in their chosen area of profession, independent thinkers, creative entrepreneurs and ethical human beings which has been the vision of its founder Dr. O.P. Bhalla.

Student success is our highest priority - we offer a strong selection of academic and research programmes embedded with futuristic curriculum incorporating today's high-demand fields like Nano-Technology, Artificial Intelligence and Machine learning, Data analytics, Robotics to name a few, delivered through our knowledgeable faculty at this beautiful campus in NCR. The partnerships with many global universities and industries provide, an opportunity to the students for international exposure and do the internships wherever they desire. We are proud that our multi-pronged efforts help us to serve our students, who gain knowledge and skills that prepare them to

live and work in a multicultural, globally challenging world. During the testing time of COVID-19 university ensured that learning of students does not stop and were first to shift to take up the challenge and start online teaching learning system and thus saved the precious time of students.

To find out more about the MRU, our teaching and research strengths, our diverse networks and our vibrant campus activities, please visit [www.mru.edu.in](http://www.mru.edu.in). I look forward to your support and feedback in the near future to help us serving our students better

Prof. (Dr.) I.K. Bhat  
Vice-Chancellor, Manav Rachna University



## VICE CHANCELLOR'S MESSAGE (MRU)

# STRATEGIC MENTORING BOARD

The constantly changing education paradigms, in response to growing complexity of the industry environment today have necessitated the academia and industry to come closer. Exceptionally dynamic corporate world expects the students pursuing different professional programmes to be well versed in the industry environment. With globalization taking place, the job market has become even more competitive.

Functioning of the great Institutions is made with the following three philosophical overtones

- Education is not preparation for life; education is life itself (John Dewey)
- Thought without action does not have any value and an action without thought is a futile action (Vivekanand)
- What I read I forget, what I see I remember, what I do I understand - that is learning by doing.

MREI is distinct Gurukula working primarily around the above philosophical paradigm. It is a confluence of galaxy of thought and action leaders from different walks of life. The institutions are engaging in architecting and shaping young minds and business leaders who:

- Look beyond, look around & look within,
  - Develop undaunted curiosity to learn continuously and grow as holistic leaders,
  - Can powerfully connect horizons with the ground reality,
  - Can efficiently connect scattered dots and create powerful mosaic and rainbow of managerial skills.
  - Seek higher results with the helicopter perspective,
  - Develop capabilities to handle Complexity, Ambiguity, Uncertainty & Volatility,
  - Are socially responsible and ethical, prudent in their behavior and conduct,
  - Can create tomorrow, today with entrepreneurial vision & out-of-box thinking.
- With its Educational & Philanthropic mission and with an aim to be the driving force, the Strategic Mentoring Board of Manav Rachna Educational Institutions was initiated to formulate strategies to enable and ensure Manav Rachna Educational Institutions become a renowned organization worldwide and to fulfill the mission and to ensure the employability skills of the students.

Strategic Mentoring Board consciously emboldens industry interaction with a wide cross-section of professionals from the industry and is highly practical and focused on what the industry needs as it is evolved through constant interaction with leading professionals who are a part of the Industry and Strategic

Mentoring Board which creates a good academic atmosphere and an efficient decision making process based on consultation; and through these it aims to promote an overall development of students for the maximum realization of their potential. The requirements of industry are continuously updated through regular industry tracking and feedback.

- The Founder Chairman of Strategic Mentoring Board Padamshri Dr. Pritam Singh jee Ex Director, MDI & IML. Dr. Singh- an inspiring role model, spent his life tirelessly doing what he did best: awakening students, academia, corporate heads, & policymakers to raise their excellence to the next level. As the Founder Chairman of the Strategic Mentoring Board of MREI, Sir guided Manav Rachna Institutions on the path towards excellence. Sir's contribution has been instrumental in laying the foundation for MREI's outcome oriented movement from one level to another. As we move on, his blessings and guidance shall always inspire us.

- Presently, the Strategic Mentoring Board is chaired by Mr. S Y Siddiqui, Executive Advisor, Maruti Suzuki India Ltd. Sir is known for judicious management of leadership roles and for bringing about positive change. The industry recognizes Mr. Siddiqui as a one who works with a mission & a clear goal, with a focus on basic values such as respect, humility & honesty. With an experience of more than four decades, Sir has been associated with names such as Escorts Limited, DCM Group - DCM Toyota Limited, DCM Daewoo Motors Limited, DCM Benetton India Limited & New Holland Tractors India (FIAT GROUP). He has proven expertise in handling HR matters in a multi cultural business environment.

#### Objectives of the Board are:

- Initiating, Continuous Scaling up & Mentoring of the Innovation and Incubation Initiatives for Entrepreneurs, Patents and Research Papers to ensure that MREI is able to set new benchmarks.
- Developing Consulting & Training Capabilities at Manav Rachna Educational Institutions.
- Scouting for & Association with World class Knowledge Partners for Manav Rachna Educational Institutions.
- Developing Future Perspectives & Global Accreditations of Manav Rachna Educational Institutions
- Tie Ups.
- Scaling up the Career Resources Centre for Placements of students and Alumni.

- Increasing the reach of Social Initiatives and outreach programs of Manav Rachna Educational Institutions.
- Recommendations for Contemporary programs to be initiated at MREI.
- Mentoring and guiding Career development Centre to develop unique processes for nurturing MREI students.
- Advice on Strategies for Perception and Brand Building.

Esteemed members of the Strategic Mentoring Board represent the industry, with rich and diverse experience.

**Dr. Prashant Bhalla**, President, MREI

**Dr. Amit Bhalla**, Vice President, MREI

**Mr. S.Y. Siddiqui**, Chairman, Strategic Mentoring Board, Executive Advisor - Maruti Suzuki India Ltd.

**Mr. P. Dwarkanath**, Former Chairman, GSK Consumer Health Care

**Prof. (Dr.) Sanjay Srivastava**, Managing Director, MREI and Hon'ble Vice Chancellor, MRIIRS

**Prof. (Dr.) I K Bhat**, Hon'ble Vice Chancellor, MRU

**Dr. N C Wadhwa**, Director General, MREI

**Mr. Rajeev Dubey**, Group President (HR & Corporate Services) & CEO (After- Market Sector), Member of the Group Executive Board, Mahindra & Mahindra Ltd.

**Dr. Ashok Kumar Balyan**, Former MD and CEO, Petronet LNG Ltd., Former Director HR, ONGC

**Mr. A Sudhakar**, Advisor-Human Resources and Head- CSR, Dabur India Ltd.

**Mr. Arun Malhotra**, Former MD Nissan Motors India

**Mr. Rajiv Kapoor**, Executive Director- Chief Human Resource Officer, Minda Industries Ltd.

**Mr. Anand R**, Principal Consultant and Advisor- HR, HCL Technologies

**Mr. Mukesh Sharma**, Senior General Manager (HR & Admn.) Indian Synthetic Rubber Pvt. Ltd. (A Joint Venture of Indian Oil & TSRC)

**Ms. Shaista Quettawala**, HR Leader and HRpreneur

**Mr. Neeraj Kapoor**, Director, Centre for Management Development, all India Management Association

**Mr. S K Bose**, Executive Director - HR, Indian Oil Corporation

**Mr. Ajay Seth**, Chief Financial Officer, Maruti Suzuki India Ltd.

**Mr. Manoj Kohli**, Country Head - Soft Bank India

**Mr. Varinder Verma**, Vice President HR Suzuki Motorcycle India

**Mr. Rajiv Sahdev**, Head HR, Jbm

**Mr. Ratan Aggarwal**, Plant HR Head, Hero Motors

**Mr. Ramesh Kumar**, Head HR - Iffco Tokio General Insurance

**Mr. Yash Yadav**, Corporate Affairs Chief and Officer, MG Motors

**Dr. Surbhi Kapur**, Professor, Faculty of Management Studies

**Dr. Deepti Dabas Hazarika**, Member-Secretary, Strategic Mentoring Board, Professor & Director, Faculty of Management Studies

## MESSAGE FROM CHAIRPERSON OF STRATEGIC MENTORING BOARD



S.Y. Siddiqui  
Executive Advisor,  
Maruti Suzuki India Ltd.

**“Success is the sum of small efforts - repeated day in and day out.”**

Dear aspirants,

On behalf of the Strategic Mentoring Board of Manav Rachna, I extend a warm welcome to you.

The single most important factor that has emerged through our recent experiences is that the only thing constant around us, is CHANGE. Our unpredictable environment, is explained by VUCA today-signifying how our world is Volatile, Uncertain, Complex and Ambiguous. This is why we have witnessed numerous changes in the way we live- including simple things like electronic payments, remote working and onset of electric vehicles. Today, we are in an era where we need to know how to manage change. We are also in an era where our country India is recognized as a world power to reckon with.

It is here that management education becomes the need of the hour. In such an important phase, the Faculty of Management Studies (FMS) at Manav Rachna International Institute of Research and Studies (MRIIRS) continues its legacy of shouldering national responsibility by providing quality education. Manav Rachna has undertaken the very critical job of preparing the students for managing larger roles in industry and community.

### Robert Collier

Manav Rachna is conscious about the fact that it caters not only to students, but to the aspirations of a set of people who step into the institution with a gleam of expectation in their eyes. Behind them are the dreams of many others as well. Thus, the Faculty step up and strive to work with the students to nurture them towards success, focusing on enhancement of Emotional intelligence (EQ) and Spiritual quotients (SQ), rather than only the Intelligence quotient (IQ).

In this phase of your academic journey, your interaction with your peers, the mentorship from your teachers, the grooming from extra-curricular activities, your relationship with your parents, your self-awareness- all will come together to define the person you are and will impact your professional outlook and attitude in the life ahead. As you get ready to embark on this new journey in your life, remember it as the commencement of your true education and learning.

The youth of our nation are witnessing an era of plenty. As the country goes through a phase of reaping the demographic dividend, you- the youth are scripting the story of the nation. May you continue your pursuit of excellence. It is said, “ Excellence is the result of caring more than others think is wise, risking more than others think is safe, dreaming more than others think is practical, and expecting more than others think is possible.” Of all the years you have already lived and of those that are yet to come, make the most of it, for yourselves and your families, and for the communities for which you are a part.

My Very Best Wishes!

S.Y. Siddiqui



## MESSAGE FROM CHAIRPERSON, ADVISORY BOARD



Hon'ble Mr. Justice R.C. Lahoti  
Former Chief Justice, Hon'ble  
Supreme Court of India

### The Dalai Lama says - 'The Purpose of Life is Happiness'

Whatever be the phase of life, the two keys to a happy life are: stay inspired and stay organized. Whether teaching or leaning, both need discipline and character. Ambition is the driving force; patience and determination are the tools.

A story from Paulo Coelho in *The Alchemist* has left an indelible mark on me. In an intimate exchange, the grandmother tells the grandson about five qualities of an inanimate object which if one manages to hang on, peace and greatness in life can be achieved together. The messages of the pencil are:

'First, you are capable of great things, but you must never forget that there is a hand guiding your steps. We call that hand God, and He always guides us according to His will.'

'Second: now and then, I have to stop writing and use a sharpener. That makes the pencil suffer a little, but only to be sharper. So you too must learn to bear certain pains and sorrows, because they will make you a better person.'

'Third: the pencil always allows us to use an eraser to rub out any mistakes. This means that correcting something we did is not necessarily a bad thing; it helps to keep us on the right path.'

'Fourth: what really matters in a pencil is not its wooden exterior, but the graphite inside. So always pay attention to what is happening inside you.'

'Finally, the pencil's fifth quality: it always leaves a mark; in just the same way, you should know that everything you do in life will leave a mark, so try to be conscious of that in your every action!'

As a teacher, leave your mark, be a role model teacher. As a student, leave your mark; be a role model pupil. Take the things as they are. Having seen the difficult phase of Corona, we all know that we may not be able to control the Corona but we can certainly change ourselves and learn to live the best way as we can with Corona too. A virtual world is something we are living in. Those who have strength of character, live a disciplined life and are full of ambitions have not been scarred much less defeated by Corona.

Hope you remain safe and healthy in these extraordinarily demanding and stressful times.

Best wishes

(R.C. Lahoti)



# ADVISORY BOARD (LAW)

## ADVISORY BOARD

Manav Rachna School of Law (MRSoL) has an Advisory Board which boasts of Former Chief Justice of India, Former Supreme and High Court Judges, ASG, Former Law Secretary to Ministry of Law and Justice, Senior Advocates, IAS officers and other legal luminaries as its eminent members.

### COMPOSITION OF ADVISORY BOARD

Hon'ble Mr. Justice R.C. Lahoti (Former CJI) Chairman
Hon'ble Mr. Justice Amitava Roy, (Former Judge, Supreme Court of India)
Hon'ble Mr. Justice K.K. Lahoti (Former Acting Chief Justice, Hon'ble High Court of Madhya Pradesh)
Hon'ble Mr. Justice Kailash Gambhir (Former Judge, Hon'ble High Court of Delhi)
Hon'ble Mr. Justice Rajive Bhalla (Former Judge, Hon'ble High Court of Punjab and Haryana)
Mr. Atmaram Nadkarni (Former ASG, Government of India)
Mr. P. K. Malhotra, (Former Law Secy., GOI)
Mr. Parag Tripathi (Senior Counsel)
Mr. Ravindra Srivastav (Senior Counsel)
Mr. Gourab Banerji (Senior Counsel)
Mr. Arvind P. Datar, (Senior Counsel)
Mr. Gopal Jain (Senior Counsel)
Mr. Sanjeev Sharma (Senior Counsel)
Mr. Vinay Bhasin (Senior Counsel)
Mr. Ashok Gupta (Senior Counsel)
Mr. Jasbir Singh Bajaj, IAS (retd.)
Mr. R. K. Bajaj, Former Chief Commissioner - IT
Mr. Sudhir Sharma (Partner, Luthra & Luthra)
Mr. Anup Trehan (Partner, Access Law)
Mr. Shashank Garg (Partner, Advani & Co.) Convener

### Professor Emeritus

Professor Dr Jose P. Verghese is Professor Emeritus with the Manav Rachna School of Law (MRSoL). He is an acclaimed academician and accomplished arbitrator with over 45 years of experience.

Mr. Gaurav Pachnanda (Senior Advocate) for Commercial Litigation and Arbitration

Mr. Vikas Pawha (Senior Advocate) for Criminal Law

### HONORARY PROFESSORS

Hon'ble Mr. Justice R.V. Easwar for Tax Law
Mr. Arvind P. Datar (Senior Advocate) for Tax law and Constitutional Law
Mr. Parag Tripathi (Senior Advocate) for Constitutional law
Mr. Gaurav Pachnanda (Senior Advocate) for Commercial Litigation and Arbitration
Mr. P. K. Malhotra (Former Law Secretary, GOI) for Administrative Law
Mr. Vikas Pawha (Senior Advocate) for Criminal Law
Mr. Chander Lall (Senior Advocate) for IPR

Manav Rachna School of Law (MRSoL) has Board of Studies and Board of Faculty to advise, supervise and vet the program structure, course content, scheme of evaluation etc. for all the Law Programs.

## PROGRAMMES OFFERED

### PROGRAMME SPECIALIZATION

**B.A. LL.B. (Hons.) (5 Years)** Constitutional Law and Crime & Criminology

**B.B.A. LL.B. (Hons.) (5 Years)** Business Law and Intellectual Property Rights Law

**LL.B.\* (3 Years)**

**LL.M. (1 year and 2 years)** Commercial Arbitration, Corporate Law, Constitutional Law and Criminal Law  
**Ph.D.**

CLAT score is adopted as part of the criteria for merit for admission to UG law programs.

\*Subject to BCI approval



## KEY FUNCTIONARIES (MRIIRS)

Name & Qualification	Designation	Special Interests	Previous Employment
 Prof. (Dr.) Sanjay Srivastava Ph.D. (University of Delhi)	Vice Chancellor - MRIIRS & Managing Director - MREI	Cross Cultural Management, Psychometric Profiling, Leadership, Change Management and Qualitative Research	Dean Examinations and Faculty of Management Studies, Amity University.
 Dr. Naresh Grover B.Sc. Engg., M.Tech., Ph.D.	Pro Vice Chancellor - MRIIRS	Research, Academic Planning, and Coordination, Educational Administration Teaching	Department of Technical Education, Haryana
 Dr. Pardeep Kumar B.Sc. (Hons), M.Sc. (Physics), Ph.D. (Physics)	Pro Vice Chancellor/ Dean FET and Dean FAD, MRIIRS	Expertise in corporate affairs, experience in international faculty exchange programs as well as collaborations with international universities	Galgotias University as Pro Vice Chancellor
 Dr. G.L Khanna B.Sc. (Hons.), M.Sc., Ph.D.	Pro Vice Chancellor - MRIIRS	Research & Consultancy in High Performance Sports, Nutrition & Physiology, Educational Administration	Former Head Faculty of Sports Sciences Sports Authority Of India, University of Science Malaysia technical Expert member (Sports Sciences) Commonwealth Games Govt. of India
 Lt. General R K Anand AVSM, SM, VSM, ADC (Retd) Ph.D. in Cyber Security	Prof & Director General - MRIIRS Dean FMS & FHM	Technology, Medicine, Hospitality and Fashion Design. Development of Academic Institutions, Sports Field, HR Management, Communication Systems and Civil Infrastructure	General officer Commanding Dakshin Bharat Area at Chennai, Army Institute of Hotel Management, Fashion Designing and Dental Medicine
 Mr. R. K Arora BA LLB, M.Phil (Political Science)	Registrar	Administration	Registrar- Deenbandhu Chhotu Ram University of Science & Technology, Murthal.; Controller of Examinations, Guru Jambheshwar University of Science & Technology, Hisar
 Dr. Arundeeep Singh, MDS	Principal - MRDC	Microendodontics & Aesthetic Dentistry	Maulana Azad Institute of Dental Sciences, New Delhi.
 Dr. Sarita Sachdeva M.Sc., M.Phil, Ph.D.	Professor, ED & Dean - Research and HoD Biotechnology, FET, MRIIRS	Bioremediation, Biofuels and Environmental Biotechnology Teaching, Research with Social Outreach	Researcher, MDU Rohtak
 Dr. V.K. Mahna Ph.D. (IIT Delhi) M.Sc. (Mech. Engg.) B.Sc. (Mech. Engg.)	Professor Emeritus and Advisor IQAC	Teaching, Research, Academic Administration, Curricula Development, Examination System and Reforms	Former Director (Examination Reforms, Joint Secretary to the Govt.of India) UPSC, Professor & Dean Mech. Engineering-Delhi College of Engineering
 Dr. Dipankar Saha Ph.D. in Ground Water Management, IIT-ISM Dhanbad M.Sc. Geology, Calcutta University	Chair Professor, Center for Advance Water Technology and Management, MRIIRS	Water Resources monitoring, assessment and exploration, Policy and governance issue of ground water, Contamination and sustainable management of ground water	Board Member of CGWB, GOI, Member Secretary CGWA, Expert (ground water) Govt of Gujarat, Faculty IIT KGP
 Dr. R.K. Malhotra Ph.D. (IIT Delhi)	Adjunct Professor	R & D, Renewable Energy	Former Chairman & Full-time Director at Indian Oil Corporation, R&D Centre

## KEY FUNCTIONARIES (MRIIRS)

Name & Qualification	Designation	Special Interests	Previous Employment
 Dr. Usha Batra Ph.D. in Computer Science Engineering	Professor & Dean- Faculty of Computer Application (FCA) & Director MRCDOE	Distributed Systems, Enterprise Application Integration, Business Analytics, Software Engineering, Cloud Computing, Internet of Things and Cyber Physical Systems.	Professor and Dean, School of Engineering and Sciences at GD Goenka University, Gurugram, India
 Dr. Monika Goel M.Com (E.A.FM), Ph.D.	Professor & Dean- Faculty of Commerce (FOC), Consultant MRIIC	Finance, Goods & Services Tax, Income Tax, Transfer Pricing, Financial Accounting, Internal Controls, Entrepreneurship, Risk Management, Family Business, Strategic Financial Planning, Internal Audit & Legal Advisory	<ul style="list-style-type: none"> <li>Practicing Company Secretary &amp; Corporate Trainer (Finance &amp; Taxation)</li> <li>Professor (Finance) at Lal Bahadur Shastri Institute of Management, New Delhi</li> <li>Education Officer with The Institute of Company Secretaries of India (Statutory Body)</li> <li>Company Secretary with Shivdeep Industries Limited</li> </ul>
 Dr. Moattar Raza Rizvi Ph.D. in Medical Physiology, Delhi University	Professor (Medical Physiology) and Dean Faculty of Allied Health Sciences (FAHS)	Conventional and Un-conventional Machining, Cutting Tools	Manager (Prod and Vendor Development), GP International Ltd., Faridabad.
 Dr. Maithili Ganjoo Ph.D. in Sociology, Jawaharlal Nehru University, New Delhi	Professor and Dean - Faculty of Media Studies and Humanities (FMeH)	Media Studies, Consumer Behaviour, Knowledge Management, Qualitative Research, Gender Studies and Film Studies.	Adjunct Faculty, School of Media Studies, Manipal University, Karnataka; Vice President & Strategic Planner at Thompson Social, JWT Wunderman, Gurgaon
 Dr. Gurjeet Chawla Ph.D., M.Sc., MBA	Professor- Nutrition & Dietetics- FAHS, Dean Students Welfare and Director , Radio Manav Rachna 107.8 FM	Nutrition & Health Promotion, Community Resource Management	Faridabad Institute of Technology, Faridabad.
 Dr. Ashim Aggarwal BDS, FDSRCS (London)	Vice-Principal, Professor & HOD Dept of Oral Surgery	Maxillofacial Trauma, dental implants and management of Temporomandibular joint disorders	Harsarn Dass Dental College, Ghaziabad
 Dr. Geeta Nijhawan Ph.D., M.Tech., B.Tech.	Professor, ECE & Associate Dean- FET	Signal Processing, Wireless Communication and Free space optical communication	Career Institute of Technology & Management (CITM), Faridabad
 Prof. (Dr.) Brijesh Kumar Ph.D. (CSE), M.Tech. CSE, M.Tech. Applied Geophysics	Professor & Associate Dean Academics, MRIIRS	Free and Open Source Software, Web Technologies, Computer Networks and Simulations	Prof. & Dean, School of Engineering & Technology at Ansal University, Gurgaon
 Dr. Rashima Mahajan. Ph.D. M.Tech	Professor & Director-IQAC	Signal Processing (Brain mapping via EEG/ MRI), Image Processing, Machine learning, Assessment and Accreditations	G D Goenka University, Gurugram
 Dr. Amit Seth Ph.D. (Business Administration), Advance Diploma in Marketing Research, Professional Certification in Digital Marketing	Professor & Head- Manav Rachna Center for Socio Economic Research, Consultancy & training	Strategic Management, Entrepreneurship, Conducting MDPs, Developing real life case studies, Establishing Industry linkages	Vice President (Marketing Operations) Metro Tyres Limited, J.K. Tyres, Uptron India Ltd, Ralson India Ltd, Siya Ram Poddar Group, Delhi Business School, New Delhi
 Dr. Umesh Dutta B.Tech., M.Tech., Ph.D.	Director-MRIIC & Associate Professor	VLSI & Embedded System Product Designing and Innovation	Manav Rachna International University Deputy Director-MRIIRC



## KEY FUNCTIONARIES (MRIIRS)

Name & Qualification	Designation	Special Interests	Previous Employment
 Dr. Arunangshu Mukherjee M.Sc. Ph.D. in Geology	Professor and Director, Center for Advance Water Technology & Mgmt.	Hydrogeology, Geochemistry and applied geology	Central Ground Water Board, Ministry of Jal Shakti, Government of India (1993-2017)
 Dr. Ashish Kakar BDS, M.Sc.	Director, MRCDE	Dental Implants Surgical and Prosthetic, Dental Lasers, Cosmetic Dentistry	Private Practice
 Dr. Puneet Batra, BDS, MDS, MOrth RCS (Edinburgh), FFD Orth RCS (Ireland), FDS RCPS (Glasgow), FDS RCS (Eng) & (Edinburgh), DNB, DIBO, PGDHM, PGDMLS, PGC O I, MNAMS	Professor and Director PG Board of Studies	Cleft Lip and Palate, Accelerated Orthodontics and Artificial Intelligence. Previous Employment	Vice Principal, Professor and HO D Dept. of Orthodontics, Past President Indian society of Cleft Lip and Palate & Craniofacial Anomalies
 Dr. Nandini Srivastava Ph.D.	Professor and Director Council for Doctoral Program	HR and OB	New Delhi Institute of Management, Tuglakabad Institutional Area, New Delhi.
 Dr. Deepti Dabas Hazarika Ph.D. (Management), M. Phil. (Management), MBA, BA (Hons.) Economics, B.Ed.	Professor, Director cum HOD- Department of PG Management Studies, FMS	Service operations management, Service design, Technical and creative writing, Marketing Communications, Tourism studies	Tiger Systems India Pvt. Ltd. (New Delhi), Gulf Alliance Centre for E-learning (Muscat, Sultanate of Oman), ICFAI Academy (Faridabad)
 Prof. (Dr.) Bhavesh Prakash Joshi FDP (IIMA), Ph.D. (Finance), M.B.A (Finance and Marketing) M.Phil. (Management)	Director cum HOD-FMS, UG Program, MRIIRS	Behavioral Finance, Security Analysis and Portfolio Management, Corporate Finance, and Strategic Management	Army Institute of Management and Technology, G.L. Bajaj, Speaker at Haryana Institute of Public Administration (HIPA), Gurgaon Resource Person for DST and EDI Sponsored ED
 Ms. Ritika Singh PG Diploma in PR & MA (Travel and Tourism), B.ED, PG diploma in PR and Marketing, BA (Hons) Public Administration	Assistant Professor & Director- FHM	Front Office Operations, Academic Administration, Business Development, Public Relations.	Inter Continental Hotels, Hilton Hotels
 Dr. Abhiruchi Passi Ph.D. M.Tech. (ECE), MDBA (Marketing), B.E	Professor & HOD- Electronics & Communication Engg. & Dy. Director-MRIIC	RF Solution, Microstrip Filters, Wireless and Data Communication and Internet of Things.	Career Institute of Technology & Management (CITM), Faridabad
 Air Commodore Devender Sharma (Retd) B.E (Mech) Hons., M.E.- Aero (IISc Bangalore), MBA-HRM, M.Sc. (Defence Studies).	Professor & HoD, Aeronautical Engg.	Flight Testing & Evaluation, Aerodynamics, Aircraft Design, Propulsion Engg.	36 Years in Indian Air Force, DPSU (HAL) & DRDO. Qualified Flight Test Engineer with Flight testing Experience on 12 different types of fighters, transport Aircraft & Helicopters.
 Dr. Devendra Vashisht, B.Tech., M.Tech., Ph.D., MBA	Professor & HoD, Automobile Engg.	Internal Combustion Engines, Alternative fuels	YMCA Institute of Engineering Faridabad
 Dr. Sunita Bansal Ph.D. with specialization in Structural Engineering	Professor & HoD, Civil Engineering.	Concrete Technology, Composite Materials, Structural Assessment, Green Buildings	Women Institute of Technology, Uttarakhand Technical University, Dehradun.

## KEY FUNCTIONARIES (MRIIRS)

Name & Qualification	Designation	Special Interests	Previous Employment
 <p>Dr. Supriya P. Panda, M.Sc. (Maths), M.S, Ph.D.</p>	Professor & HoD Computer Science & Engineering (CSE)	Soft Computing, Software Engineering, Algorithms	Associate Professor-NCU (Formerly ITMU Gurgaon)
 <p>Dr. Tapas Kumar Ph.D.</p>	Professor and HoD Computer Science & Engineering (CSE) (specializations)	My special interest: Medical Image processing, AI, Machine Learning and pattern recognition. Especially Machine learning and NIP based algorithm.	Prof. & Dean, School of Engineering & Technology at Ansal University, Gurgaon
 <p>Dr. Leena G B.Tech., M.Tech., Ph.D.</p>	Prof. & HoD- Electrical & Electronics Engg.	Decentralized, nonlinear control, sliding mode control, intelligent control.	Vellore Engineering College (presently Vellore Institute of Technology) and Government College of Engineering, Thiruvananthapuram.
 <p>Dr. Manoj Nayak B.E (Mech.), M.Tech., Ph.D. (NIT)</p>	Professor & HoD, Mechanical Engg.	Metal Cutting, Tool Materials, Tool Engg. & Design.	G P International Ltd
 <p>Dr. Jyoti Chawla Ph.D. (Chemistry)</p>	Professor & HoD- Applied Sciences	Water Purification, Risk Assessment of Nanomaterials, Surface Chemistry	Lecturer in D.A.V College, Batala and Guru Nanak Dev University, Amritsar, Research Fellow in Bhabha Atomic Research Centre, Mumbai in a collaborative project (IUC- DAE) with Guru Nanak Dev University, Amritsar.
 <p>Dr. Shivani Vashist Ph.D. (I.I.T Roorkee), M.A. (Gold Medalist), M.Ed, PGDCA</p>	Professor & HoD- English	Indian Writings in English, Diaspora studies, Women's Writing	Shri Mata Vaishno Devi University Katra (J&K)
 <p>Dr. Aman Vats B.Com (Osmania University); MA JMC &amp; MPhil JMC (Madurai Kamraj University); Ph.D. in Communication Studies (University of Pune)</p>	Professor & HoD - Journalism & Mass Communication	Communication and Media Research, Media Assessment, Asiatic Studies, Film & Media Studies, Communication Theories, Development Communication, Gender & Culture Studies	Professor, Amity University UP; Associate Professor, Lovely Professional University; Executive Producer, Crown Communications, New Delhi; Producer (Assignment Wise), EMMRC, IIT Roorkee; Assistant Editor, NFDC, New Delhi
 <p>Dr. Rashmi Agarwal Ph.D., UGC-NET(CS)</p>	Professor & HoD- Computer Applications	Artificial intelligence and Machine Learning	<ul style="list-style-type: none"> <li>• Associate professor MRIIRS</li> <li>• Assistant professor Faridabad Institute of technology</li> </ul>
 <p>Dr. Divya Sanghi M.Sc. Ph.D.</p>	Professor & HoD, Nutrition & Dietetics	Clinical Nutrition, Nutrigenomics	Worked as JRF, SRF and Young scientist at King George Medical University, Lucknow
 <p>Dr. Nitesh Malhotra Ph.D. (Physiotherapy), MPT BPT</p>	Associate Professor & HoD, Department of Physiotherapy	Assistive technologies and Rehabilitation Devices	Assistant Professor, Amity University, Noida

## KEY FUNCTIONARIES (MRIIRS)

Name & Qualification	Designation	Special Interests	Previous Employment
 Dr. Jayender Verma M.Com, Ph.D. (Finance)	Professor & HoD- Commerce	Accounts & Economics	Faridabad Institute of Technology, Faridabad.
 Dr. Anandjit Goswami Ph.D.	Professor & Director FBSS	Economic, Policy Modelling, Energy Economics, Energy Policy, Economics of Sustainability, Art and Sustainability Communication & Micro, Macro Economics, Development Economics & Policy, Econometrics & Mathematical Methods of Economics, Climate and Development Policy Making	TERI (The Energy & Resources Institute) TERI School of Advanced Studies (TERI SAS) United Nations Economic Commission for Africa, World Wildlife Fund, India, Copenhagen Consensus Centre (Denmark, New Delhi, Rajasthan) NITI Aayog, India National Institute of Labour Economics, Research & Development Delhi Policy Group (New Delhi, India)
 Dr. Durairaj Kumarasamy MS, M.Phil., Ph.D.	Associate Professor and HoD- Economics, FBSS	International Trade, Regional Integration, Foreign Investment, Financial Development, Applied Econometrics	Research & Information system for developing countries
 Dr. Priyanka Tiwari Ph.D. in Psychology, Gold Medalist in Masters- Psychology	Associate Professor & HoD Department of Applied Psychology, FBSS	Organizational Psychology, Social & General Psychology	Amity University, Noida
 Dr. Shruti Jain Masters in Interior Design Specialist in Architectural Animation	Head of the Department - FAD, MRIIRS	A keen observer of details and styles, she loves to travel to different places. Cuisines from across the globe intrigue her and experimenting in these are a relaxation for her. She strongly believes in her own personal statement and doesn't shy away from experimenting with bold single colour tones too.	Chief Designer - SGA Design Worxx HoD-FPA, MRIIRS, HoD, INIFD - Academy of Interiors, Chandigarh for 10 years Visiting Faculty - Raffles Millennium International-Chandigarh Visiting faculty - INIFD Gurugram Sr. Lecturer - ICSAT, MREI Interior Designer- Kranz Graphics Part time designer & Animator - Gautam & Gautam Associates Interior Designer - NUWUD
 Dr. Narender Suhag Ph.D., M.Sc. HMCT, MBA (HR), BSCHHA.	Associate Professor & Head of Department, Hotel Management	Hospitality Educator, Food and Beverage Operations, Research and Development	GD Goenka University, Gurugram, Oberoi group of hotels and resorts, Gurugram, Delhi Institute of Hotel Management, New Delhi, State Institute of Hotel Management, Kurukshetra.
 Dr. Nitin Arora MDS Degree in Orthodontics Qualified and Practicing Implantologist	Professor & HoD Orthodontics & Dentofacial Orthopedics	Mini Implants, Self ligating Braces, Functional Appliances, CAD-CAM based appliances and Clear aligners	Practicing Dentist for more than 19 years and about 16 years in Orthodontics and Dentofacial Orthopedics.
 Prof. (Dr.) Pankaj Dhawan, MDS	Professor & HoD Prosthodontics	Implants & Aesthetic Dentistry	AIIMS, New Delhi
 Dr. Dax Abraham MDS	Professor & HoD- Endodontics and Conservative Dentistry	Microendodontics & Retreatment in Endodontics	IDST, Modinagar
 Dr. Shveta Sood BDS & MDS Pedodontics	Professor & HoD, Department of Pedodontics	Caries Prevention Agents, Dental Care for Special Children.	I.T.S Centre For Dental Studies & Research, Ghaziabad (2001-2005). Krishna Dental College (2005-2010). MRDC, Faridabad (2010 till date).

## KEY FUNCTIONARIES (MRIIRS)

Name & Qualification	Designation	Special Interests	Previous Employment
 Dr. Shivani Aggarwal MDS	Professor & HoD Oral Pathology	Diagnostic Histopathology and Early Diagnosis of Oral Cancer	Harsarn Dass Dental College, Ghaziabad
 Dr. Pooja Palwankar MDS, PGDHHM	Professor and HoD, Periodontology	Surgical Periodontics	Pad. Dr D.Y. Patil dental college & hospital, Navi Mumbai M.M College of Dental Sciences & Research Mullana, Ambala. Shree Bankey Bihari dental college and research centre, Ghaziabad.
 Dr. Sumit Bhateja MDS	Professor & HoD Oral Medicine & Radiology	Research & publications in Oral precancerous lesions & conditions, Diagnostic Radiology, Forensic odontology, Alternative Medicine	ITS Dental College, Gr. Noida
 Dr. Meena Jain MDS	Professor & HoD Public Health Dentistry	Research in Health risk behaviors, Innovation, Entrepreneurship, Institutional social responsibility	Manav Rachna Dental College
 Mr. N.K. Sharma MA (Economics), L.L.B., MBA (HR & Mktg), Ph.D.	Controller of Examination	Administration, Academics & Legal. Signal Processing, Wireless Communication and Free space optical communication	Rural Development & Education as Dy. Registrar, Registrar & Dy. CO E
 Dr. Rajesh Kumar M.A., M.L.Isc., M B A, Ph.D., L L B	University Librarian	Library Automation & Open-source Software	INMANTEC (Integrated Academy of Management and Technology)
 Dr. Indu Kashyap Ph.D., M.Tech.	Professor, Department of Computer Science & Engineering and Ph.D.Coordinator- CDP (Engg.)	Analytical and pedagogical applications of Text Mining, Machine Learning, Evolving Intelligent Systems and Computational Intelligence	Industrial Experience of 1 Year in Brickred Technologies, Noida, 12 Years of Teaching experience in CITM and MRIIRS
 Dr. Parul Gandhi Ph.D. (CSE), MCA, M.Sc. Gold Medalist	Professor, Computer Applications and Ph.D. Coordinator- CDP (Non-Engg.)	Soft Computing, Software Quality and Data Mining	<ul style="list-style-type: none"> <li>• Associate Professor, MRIIRS, Faridabad</li> <li>• Lecturer, Saraswati Mahila Mahavidyalaya, Palwal</li> </ul>
 Dr. Shobha Shrivastava M.Sc. Ph.D. (Microbiology), MBA	Associate Professor, Deputy Director CDP	Administration, Teaching, Yoga & Meditation, Indic Wisdom, Soft Skills, Education Management	Director Administration & Corporate Affairs, Shivalik College Of Engineering, Dehradun, UK
 Mr. Deepak Sharma B.Com. D. REd., M. REd.	Deputy Registrar- Registration & Scholarships/ Academics	Administrative and Academic matters of the University	Assistant Registrar - Career Institute of Technology and Management (CITM), Faridabad from September, 2000 to May, 2006. 17 years of rich administrative experience in educational institutions.

## ESSENTIAL FUNCTIONARIES (MREI)

Name & Qualification	Designation	Special Interests	Previous Employment
 <p>Dr. N.C. Wadhwa IAS Retd., M.A. (Public Administration), Ph.D.</p>	DG-MREI	Educational Planning & Admission	Labour Commissioner cum Special Secretary to Government of Haryana, Dean/ Director Pt. B.D. Sharma, PGIMS, Rohtak, Vice Chancellor, MDU Rohtak. Vice Chancellor, MRIIRS
 <p>Brig. Vijay Kumar Anand M.Sc. in Strategy &amp; Defense Studies</p>	Registrar MREI	Human Recourse Management, International Relations & Strategic Planning	Cavalry Officer in the Rank of Brig. in Indian Army.
 <p>Dr. Gauri Bhasin Ph.D., MBA in HR &amp; Customer Relationship, MCom, TESOL</p>	Executive Director- Marketing & Admissions	Business Planning and Development, Corporate Communication and Public Relations, Career Guidance	Director of Operations, Adapteve and Assistant Professor, Prague University of Business and Economics
 <p>Col. Girish Kumar Sharma B.A, M.Sc. in Strategy &amp; Defense Studies, Business Administration MDI, Gurgaon</p>	Executive Director- International Affairs	Business Development	Formerly at Indian Army, United Nations, Health Care, Education & Global Alliances
 <p>Lifetime Dronacharya Awardee Mr. Sarkar Talwar</p>	Director - Sports	Sports Management	Haryana Govt., Chief Coach of the Indian Jr. Cricket Team (1995-2003)
 <p>Mr. Atul Kalra PG in Advt. &amp; PR</p>	Director- Administration	Administration, Operations, Branding, Events.	Director Operations - Techplast India Pvt. Ltd.
 <p>Dr. B.S. Gill B.Sc. (Engg.), Ph.D.</p>	Advisor MRIIC	Heat Transfer, Pinch Technology/ Process Integartion, Combustio, Fired Heaters, Fluidized Bed boilers, Advanced Controls, Computational Fluid Dynamics and Project Management	Formerly at Central Mechanical Engineering Research Institute, Durgapur, Bharat Heavy Electrical Ltd., Engineers India Ltd., New Delhi
 <p>Ms. Kanupriya Shekhar Pursuing Ph.D. PGDBM (Human &amp; Industrial Relations), Business English Certificate (Cambridge University)</p>	Dy. Director- Admissions, SFC & MRCFL	Human Resources, Organization Behavior, Cross Cultural Communication	Job Acumen
 <p>Mr. Naveen Jha</p>	Dy. Director - Marketing and Outreach	Education, Marketing	DGM Marketing MREI
 <p>Ms. Rakhi Arora Pruthi MBA (HR)</p>	Head CRC	Placement	Profile Advertising

## KEY FUNCTIONARIES (MRU)

Name & Qualification	Designation	Special Interests	Previous Employment
 <p>Prof. (Dr.) I.K. Bhat B.E. (Hons) in Mechanical Engineering (NIT Srinagar), M.Tech., Ph.D. (IIT Kanpur)</p>	Vice Chancellor, MRU	Material Science, Theory of Machines, Robotics, Accreditation	Former Director of National Institute of Technology Hamirpur (H.P), Malaviya National Institute of Technology Jaipur (Rajasthan), NIT Delhi, NIT Jalandhar (Punjab) and IIIT Kota(Rajasthan).
 <p>Dr. Dharmendra S. Sengar LL.M., LL.D. (Lucknow University) Post- Doc. University of Calgary, Canada Post- Doc. George Washington University, USA. Executive Education, Harvard University Law School</p>	Pro- Vice- Chancellor Director & Dean Faculty of Law	Environmental Law, Business Law & Contract Management & Negotiation	Superannuated as Professor & Founder Chairman, Legal Management Area, IIM Lucknow; Former Director/ Vice Chancellor, Indian Law Institute (Deemed University), New Delhi; Vice Chancellor, Mohanlal Sukhadia University, Udaipur, Rajasthan & Joint Director, Academy of Administration, Nainital, Uttaranchal.
 <p>Prof. (Dr.) Sangita Banga M.Tech. (IIT Delhi), PGDBA (HR), Ph.D. (MRIU)- Professor-Chemistry</p>	Dean Academics	Polymers, Alternative Fuels- Biodiesel Purification	Professor-Chemistry and Dean Academics. Formerly Lecturer at Lingaya's Institute of Technology & Management and Executive High Polymer Labs Faridabad.
 <p>Dr. Kameshwar Singh B.Sc. M.Sc., D.Phil. (Allahabad University)</p>	Registrar	Superintendence of general administration, service matters of faculty/ staff, Budgetary control, statutory bodies' related work etc.	Registrar. Former Admn Officer/ Jt. Registrar (Admin) at Delhi College of Engineering, Delhi Technological University
 <p>Prof. (Dr.) Pradeep K. Varshney, M.Sc., Ph.D. (Delhi College of Engineering, University of Delhi), Post-Doctoral Fellow at National Taiwan University and LG Elite Company, South Korea.</p>	Dean Research, Development, Consultancy & Entrepreneursip and Dean Manav Rachna School of Applied Sciences	Materials Synthesis, Electrochemical Batteries, Polymer Electrolytes, Recovery of Metals from Wastes.	Former-Director-MRIIC, Associate Director-FET, HOD Applied Sciences & Humanities at MRIIRS (formerly MRIU and CITM)
 <p>Prof. (Dr.) Shruti Vashist B.Tech. (Nagpur University) M.Tech. (Rajasthan University) Ph.D. (MRIU) Formerly Professor Electronics and Communication dept.</p>	Dean Examinations Dean Manav Rachna School of Engineering	Wireless Communication, Mobile Communication, Lens antenna, Semiconductor Devices, Microelectronics	Lingaya's Institute of Technology and Management
 <p>Dr. Parul Jhahharia Ph.D. (University of Rajasthan)</p>	Dean, Manav Rachna School of Management & Commerce	HR& Organizational Behaviour	Former Director-HR, Consultant and a Corporate Trainer, Navneet Industries, Jaipur, Professor and Additional Director at Amity College of Commerce and Finance, Amity University, Noida.
 <p>Dr. Babita Parashar M.Sc. (BioSciences), M.Ed. (Gold Medalist), Ph.D. (Jamia Millia Islamia)</p>	Dean, Manav Rachna School of Education & Humanities	Special Educator & Instructional Design	Former Associate Professor, Dept. of Teacher Education, NO UN, Lagos.
 <p>Prof. (Dr.) Geeta Thakur Ph.D., M.Ed., MCom</p>	Dean Student Welfare	Administration, Operations, Branding, Events.	Former Director of National Institute of Technology Hamirpur (H.P), Malaviya National Institute of Technology Jaipur (Rajasthan), NIT Delhi, NIT Jalandhar (Punjab) and IIIT Kota (Rajasthan).

## KEY FUNCTIONARIES (MRU)

Name & Qualification	Designation	Special Interests	Previous Employment
 <p>P. K. Malhotra M.A., LL.M</p>	Executive Chair Person, CLSR	Legal issues pertaining to Constitutional Law, Administrative law, Commercial laws, Cyber laws, Alternate Dispute Resolution including Arbitration and issues relating telecom sector	Formerly Union Law Secretary, Secretary in the Ministry of Law & Justice, GoI; Member, Law Commission of India; Presiding Officer (Offg.) & Member, Securities Appellate Tribunal; Chairman, Adjudicating Authority, Income-tax Appellate Tribunal
 <p>Prof. (Dr). Haider Abbas Ph.D. (Jamia Millia Islamia)</p>	Associate Dean Manav Rachna School of Applied Sciences	Electronic Structure Calculation by Computer Simulation, and Star Formation	Formerly at Echelon Institute of Technology, Faridabad.
 <p>Dr. Manpreet Kaur B.Tech., M.Tech. (Punjabi University), Ph.D. - Computer Engineering (Delhi University)</p>	Associate Professor & Head, Department of Computer Science & Engineering	Natural Language Processing, Information Retrieval, Machine Learning & Deep Learning	Formerly, Teaching Cum Research fellow, Netaji Subhas Institute of Technology, New Delhi.
 <p>Dr. Joginder Singh Ph.D.</p>	Professor and Head of Department Mechanical Engineering	Product Design, Virtual Analysis, Manufacturing and Carbon Fiber Composites	Noida International University, Greater Noida, UP.
 <p>Prof. (Dr.) Charu Pathak M.Tech., Ph.D.</p>	Head, Department of Electronics and Communication Engineering & IQAC coordinator	Digital Signal Processing	Amity University, Noida, UP
 <p>Dr. Versha Vahini B.A. LL.B., LL.M., Ph.D. (Competition Law- Indian Law Institute, New Delhi)</p>	Associate Dean Manav Rachna School of Law	Corporate Law & Competition Law	Former Assistant Professor, National Law School of Indian University, Bangalore & Asst. Professor, Indian Law Institute, New Delhi.
 <p>Dr Som Dutt Bhardwaj LL.M. (International Commercial Laws) Ph.D. (Environmental Laws)</p>	Associate Professor & Head, Faculty of Law	Corporate & Commercial Laws	Former Dean (acting), School of Law, KR Mangalam University, Gurugram Raffles University, Neemrana BB Associates, Tis Hazari Courts, New Delhi
 <p>Prof. (Dr.) D. K. Sharma M.Sc. (Physics) Department of Physics, Ph.D. (IIT Roorkee)</p>	Head, Dept. of Physics	Atmospheric Physics	Former Visiting Scientist at Tata Institute of Fundamental Research (TIFR) Mumbai.
 <p>Dr. Megha Mittal M.Sc., Chemistry (Jiwaji University) Ph.D. (Defence R &amp; D Establishment, Gwalior)</p>	Head, Dept. of Chemistry	Green Chemistry & Sustainability, Pharmacokinetics of xenobiotics, Water Detoxification by Nano- Green and Biochemical Approach Development of Portland Limestone Cement in Indian Scenario	Defence R & D Establishment, Gwalior, MP.

## KEY FUNCTIONARIES (MRU)

Name & Qualification	Designation	Special Interests	Previous Employment
 <p>Dr. Y K Sharma M.Sc., Ph.D.</p>	Professor & Head - Dept. of Mathematics	Fluid Dynamics, Mathematical Modeling	AS (PG) College, Sikendrabad, Bulanshahar, UP.
 <p>Dr. Rashee Singh M Ed, MA-Sociology, NET (Education), Ph.D. (Education)</p>	Head & Associate Professor - Dept. of Education	Educational Psychology, Sociological aspects of Education, Inclusive Practices in Education	Formerly worked with CARA, Amity University Noida.
 <p>Dr. Pagati Chauhan Ph.D.</p>	Head & Associate Professor Dept. of Management & Commerce	Entrepreneurship, Institutional Social Responsibility & General Management	Assistant Professor, Advanced Institute of Management
 <p>Dr. Sushmita Ray Ph.D. in Computer Science (Europe)</p>	Professor - Dept. of Computer Science and Technology	Machine Learning, modeling diagrammatic representation systems for information visualization	Professor. Former Senior Training Faculty at Tech Mahindra, responsible for conducting training for Mid & Sr. level IT Professionals.
 <p>Dr. Jyoti Pruthi Ph.D. in of Search Engine Optimization</p>	Chairman Admissions	Search Engine, SEO & VSEO, Spamming & Anti-Spamming Techniques, Hidden Web, Web Crawler, Sentiment Analysis	HCL, Chechi Software Services Limited
 <p>Mr. Ajit Katiyar Ph.D. (Pursuing)</p>	Proctor & Associate Professor, Department of Mechanical Engineering	Ergonomics and Solar Energy Applications for Improving the Quality of Life	Manav Rachna College of Engineering
 <p>Prof. (Dr.) Sachin Lakra Ph.D. NSUT, Koneru Lakshmaiah Deemed to be University, Andhra Pradesh</p>	Professor, Department of Computer Science, MRU Member, Digilocker NAD Cell	Soft Computing, Speech Processing, Green Computing	Manav Rachna College of Engineering
 <p>Prof. (Dr.) Meena Kapahi Ph.D. MRIIRS, Faridabad</p>	Professor, Department of Chemistry, MRU, Chairperson, Office of International Affairs	Bioremediation, Mushroom Cultivation, Solid Waste Management, Menstrual Hygiene, Gardening, Accreditations & Rankings	Manav Rachna College of Engineering
 <p>Prof. (Dr.) Parneeta Dhaliwal Ph.D. NSUT, University of Delh</p>	Professor, Department of Computer Science, MRU  Head, Research and Innovation Cluster, MRU	Machine Learning, Information Retrieval, Blockchain, Digital Forensics, Big Data	Associate Professor, K R Mangalam University, Gurugram
 <p>Prof. (Dr.) Sarla Duhan Ph.D. CSJM University, Kanpur</p>	Professor, School of Education and Humanities, MRU	Modern British Fiction and Poetry	Retd. Principal, Govt. College, Gurugram



# WELCOME TO THE NEXT LEVEL

## You and MREI

YOU'RE GETTING READY TO EMBARK ON YOUR BIGGEST ADVENTURE YET. AND YOU'RE LOOKING FOR THE RIGHT PLACE TO MAKE IT HAPPEN. A PLACE WHERE YOUR CURIOSITY MEETS WORLD-CLASS PROFESSORS. WHERE YOUR THIRST FOR EXPERIENCE MEETS ONE OF NORTH INDIA'S REMARKABLE EDUCATIONAL HUBS. WHERE YOUR BIG IDEAS MEET AN ECOSYSTEM OF CREATORS INSIDE OUR INNOVATION CORRIDOR. AND WHERE YOUR LIMITLESS POTENTIAL MEETS COMMUNITIES THAT ENABLE YOUR BRIGHT FUTURE.



# THE MANAV RACHNA UNIVERSE

MANAV RACHNA EDUCATIONAL INSTITUTIONS (MREI) FOUNDED IN 1997 HAS GROWN TO BECOME ONE OF THE BEST EDUCATIONAL ENTITIES IN THE COUNTRY AND IS RECOGNIZED FOR EXCELLENCE IN PROFESSIONAL EDUCATION AND RESEARCH. A BRAINCHILD OF THE FOUNDER VISIONARY DR. O. P. BHALLA, A RENOWNED EDUCATIONIST AND PHILANTHROPIST, MREI NOW ENCOMPASSES A GROUP OF THE MANY VIBRANT, WORLD CLASS INSTITUTIONS.

THE INSTITUTIONS AND THE PROGRAMS OFFERED BY THEM ARE GIVEN IN SUCCEEDING PARAGRAPHS.

## **MANAV RACHNA INTERNATIONAL INSTITUTE OF RESEARCH AND STUDIES**

Manav Rachna International Institute of Research and Studies (MRIIRS), a NAAC accredited 'A' grade Institution, is a continuum of excellence from the Career Institute of Technology & Management (CITM), & was granted 'Deemed-to-be-University' Status under section 3 of the UGC Act 1956. The institution is among the select few QS 4star (overall) rated universities of india & has been rated QS 5 Star for TEACHING, EMPLOYABILITY, ACADEMIC DEVELOPMENT, FACILITIES, SOCIAL RESPONSIBILITY, & INCLUSIVENESS. The university has also been accorded a QS 4-Star rating for the Program Strength of its Computer Science & Engineering degree courses. MRIIRS is AICTE approved for Engineering, Management, Architecture and MCA programs. B.Tech., CSE, ECE, ME & Biotechnology courses at MRIIRS have been accredited by National Board of Accreditation (NBA). It is a visible symbol of knowledge & experience providing high quality education in the fields of Engineering & Technology, Health & Applied Sciences, Management, Computer Applications, Hotel Management, International Programmes, Commerce, Humanities, Media, Architecture, Design and many more.





## FACULTY OF ENGINEERING AND TECHNOLOGY (FET)

- (#) **B.Tech. (4 year):** Civil Engg. (See Note 1) Under this programme, the students can get B.Tech. Civil Engg. (Hons.) with specializations in Smart Cities/ Green Technology & Sustainability Engg. by earning additional 18-20 credits in the given particular domain as per provision prescribed in the APH of AICTE.

Computer Science and Engg. (See Note 2) Under this programme, the students can get the B.Tech. (Hons.) in Computer Science & Engg. with specializations in Cloud Computing/ Gaming Technology by earning additional 18-20 credits in the given particular domain as per provision prescribed by the AICTE. At MRIIRS, the courses under the said domain of Cloud Computing shall be offered in association with Microsoft.

Computer Science and Engg. (Artificial Intelligence and Machine Learning) Under these programmes of B.Tech.-Computer Science & Engg. (Artificial Intelligence and Machine Learning), the students can get the B.Tech (Hons.) by earning additional 18-20 credits and the courses under this domain shall be offered in association with Microsoft at MRIIRS.

Computer Science and Engg. (Digital Forensics and Cyber Security) Under these programmes of B.Tech.-Computer Science & Engg. (Digital Forensic & Cyber Security) the students can get the B.Tech (Hons.) by earning additional 18-20 credits.

Electrical & Electronics Engg. : Under this programme, the students can get B.Tech. Electrical and Electronics Engg. (Hons.) with Specialization in Microgrid Technologies by earning additional 18-20 credits in the given particular domain as per provision prescribed in the APH of AICTE.

Electronics & Communication Engg. (See Note 3) Under this programme, the students can get B.Tech Electronics & Communication Engg. (Hons.) with specialization in Artificial Intelligence and Internet of Things (IoT) by earning additional 18-20 credits in the given particular domain as per provision prescribed by the AICTE. At MRIIRS, the courses under the said domain of Artificial Intelligence and Internet of Things (IoT) shall be offered in association with Intel Corporation.

Mechanical Engg.: Under this programme, the students can get B.Tech Mechanical Engineering (Hons.) with specialization in Electric Vehicles by earning additional 18-20 credits in the given particular domain as per provision prescribed in the APH of AICTE. Biotechnology

B.Sc (Hons.)- Microbiology (See Note- 4)

- **B.Tech.-Lateral Entry (3 year):** Civil Engg., Under this programme, the students can get B.Tech. Civil Engg. (Hons.) with specializations in Smart Cities/ Green Technology & Sustainability Engg. by earning additional 18-20 credits in the given particular domain as per provision prescribed in the APH of AICTE.

Computer Science and Engg., Under this programme, the students can get the B.Tech in Computer Science & Engg. with specialization in Cloud Computing/ AI & ML by earning additional 18-20 credits in the given particular domain as per provision prescribed by the AICTE. At MRIIRS, the courses under the said domain of Cloud Computing/AI & ML shall be offered in association with Microsoft.

Computer Science and Engg. -Digital Forensics & Cyber Security and Gaming Technology, Under this programme, the students can get the B.Tech. in Computer Science & Engg. (Digital Forensics and Cyber Security) or B.Tech. in Computer Science & Engg. (Gaming Technology) by earning additional 18-20 credits in the given particular domain as per provision prescribed by the AICTE. At MRIIRS, the courses under

the said domain of Digital Forensics & Cyber Security and Gaming Technology shall be offered in association with IBM.

Electronics & Communication Engg., Under this programme, the students can get the B.Tech in Electronics and Communication Engg. with Specialization in Internet of Things (IoT) by earning additional 18-20 credits in the given particular domain as per provision prescribed in the APH of AICTE.

Electrical & Electronics Engg., Under this programme, the students can get the B.Tech in Electrical and Electronics Engg. with Specialization in Micro Grid Technology by earning additional 18-20 credits in the given particular domain as per provision prescribed in the APH of AICTE.

Mechanical Engg., Under this programme, the students admitted through Lateral Entry can get the B.Tech. in Mechanical Engg. with Specialization in Mechatronics by earning additional 18-20 credits in the given particular domain as per provision prescribed in the APH of AICTE.

Biotechnology.

- **M.Tech. Programmes (2 years):** Mechanical Engg., Electronics and Communication Engg. (This programme is offered with specializations in Communication Systems / VLSI Design and Embedded Systems based on the courses opted by the students out of the basket of offered elective courses), Computer Engg. & Networking, Civil Engg. (This programme is offered with specialization in Structural Engg./ Construction Management /Transportation Engg. based on the courses opted by the students out of the basket of offered elective courses. Further, the student shall be given the choice to complete the programme in 2 years or 3 years), Biotechnology, M.Sc.- Biotechnology (2 Year), M.Tech.-Automation and Robotics (See Note: 5), M.Sc.-Microbiology ( See Note: 6).

### NOTES:

**Note 1:** The students articulating into the AUT programme will be required to take the specifically stated courses through MRIIRS over the first 2 years of study of B.Tech. Civil Engg., equivalent to 240 NZ points. Entry into the AUT programme will be dependent on the CGPA attained by the MRIIRS student, at one of three entry points as described below.

Total study points in AUT will be 240, 300 or 360 depending on entry CGPA.

- If CGPA at MRIIRS is > 8, then entry at AUT will at Level 7 - Direct into start of 3rd year. This will be a genuine 2+2 articulation and student will have to earn another 240 points at AUT.

- If CGPA at MRIIRS is between 7 and 7.9, then entry at AUT will at Level 6 - Direct into second semester of second year of AUT This will be a 2+2.5 articulation and student will have to earn another 300 (240-60) points at AUT

- If CGPA at MRIIRS is between 6 and 6.9, then entry at AUT will at Level 5 - Direct into start of second year of AUT This will be a 2+3 articulation and student will have to earn another 360 points at AUT.

**Note-2:** The eligible students under this programme shall have a provision to proceed to Purdue University North West (PUNW) USA in 2nd year or in 3rd year directly with transfer of credits of all courses/ subjects studied at MRIIRS as per mapping of the courses and thereafter can complete rest of their programme of B.Tech at (PUNW) with award of degree of PUNW, USA.

**Note-3:** With Intel, this programme provides an opportunity to the students to learn the insights to the most important technologies driving the modern world namely Artificial Intelligence and Internet of Things. Students will be given 360 degree exposure to various INTEL Hardware and Software platforms that are used in Industry for AI and IoT development. Curriculum designing in consultation with INTEL Experts will provide an opportunity to the students to acquire the latest skills in these cutting edge technologies using Intel Intelligent Systems Lab through INTEL experts. Students will get an opportunity to work on INTEL Xeon Processors, INTEL Parallel Studio Software, Intel System Studio Software, INTEL AI development Tools, INTEL AI Software Libraries, INTEL Frame Work Optimization, Movidius Neural Compute Stick and INTEL FPGA Boards. In the IoT Space, the students will get to learn about INTEL Galileo, INTEL Edison Boards along with other popular boards like Raspberry Pi and Arduino for designing IoT Systems. Students will get certified on successful completion of the course which caters to the need of Industry 4.0, theory and lab Courses related to Artificial Intelligence, Machine Learning, Internet of Things and detailed coverage of Electronics hardware that is driving these technologies.

This programme opens up Job opportunities for the Students in various Electronics and IT Industry and various sectors like Health Care, Core Electronics, driverless cars and various other areas where AI and IoT are playing an important role.

**Note-4:** 65% or above (equivalent to UK 2:2 classification). Overall minimum CGPA: 6.5 out of 10 at the end of their 3-year programme to progress to Aston Program.

**Note-5:** This programme is offered in association with Mitsubishi Electric India Ltd. as a knowledge Partner: Mitsubishi Electric India has set-up an Advanced Factory Automation Lab and its Centre of Excellence. The center has world class infrastructure with latest iQR set up including: Q series Programmable logic Controller (PLC), Servo, Variable Frequency Drive (VFD), Graphical Operational Terminal (GOT) 2000, X-Y Plotter, FX Kits, Robot Simulator setup with with six axis joint & 240 degree in either direction which is the First Robotics Lab set up by MEI in the north India and SCADA Software for monitoring and analysis. M.Tech Automation & Robotics will enable students to serve the Industry requirement for implementation of new and smart technologies covering methods of synthesis, analysis & optimization of newer robots and mechanisms. The initial job functions in the field include- Robotics Engineer, Robotics Welding, Mobile Robotics, 3D Robotics, and Robotics Engineer at E-commerce Giants amongst others. Immediate & long term employment opportunities exist in the fields like industrial automation, manufacturing, agriculture, mining, aerospace, healthcare and defense. This field also finds applications in the regular streams like mechanical systems/design Engg., electronics systems Engg. and control systems Engg.

The programme includes: Hands-on Experience on Robotics and Automation by Theory & Practice, Development of analytical skills, modeling and simulation skills to identify and analyze problems, propose and execute solutions in well equipped labs and Training on latest lab equipments, CNC machining, 3-D printers and CAD design software

**Note- 6:** Students to have achieved first year of MSc average at MR: grade point (CGPA) of 6.5 out of 10 (65% or above) to progress to the Aston programme.

The programmes namely B.Tech - Computer Science and Engg., Electronics & Communication Engg., Mechanical Engg. and Biotechnology are accredited by National Board of Accreditation (NBA) under Tier-I Category.

## FACULTY OF COMPUTER APPLICATIONS (FCA)

- **Bachelor of Computer Applications (BCA)** (See Note 7), Under this programme, the students can get Bachelor of Computer Applications with specializations in Cyber Security / Data Science and Big Data Analytics/ AI & ML by earning additional 15-18 credits in the given particular domain. At MRIIRS, the courses under the said domain of Cyber Security/ Data Science and Big Data Analytics/ AI & ML shall be offered in association with Microsoft.

- **Bachelor of Science - Information Technology**, Under this programme, the students can get B.Sc -IT in association with AIS, New Zealand with additional 4 week internship at AIS, New Zealand

- **Master of Computer Applications (MCA)** (2 Year)

**Note 7:** Specialization under Cyber Security focuses on providing students with industrial exposure and case studies for a practical outlook. The professionals from the company themselves conduct the lecture and teach students what is actually practiced in the global industry. The course will cover the Design of Secure Networked Systems, Develop Secure Programs with Basic Cryptography and Crypto API, Hacking and Patching Web Applications, Perform Penetration Testing, and Secure Networked Systems with Firewall and IDS, which will prepare the students to perform tasks as Cyber Security Engineer, IT Security Analyst, and Cyber Security Analyst Data Science and Big Data Analytics gives exposure to smart automated data tested solutions for Hadoop, Data lakes & No SQL data stores. Work on data products for future Businesses with Cloudera Data science environment. AI & ML is an Industry-aligned programme for learning in-demand skills such as deep learning, NLP, Reinforcement Learning, work on many industry projects & multiple programming tools. Engage in collaborative real-life projects, dedicated mentorship, & access to up Grad's career assistance resources by experts.

## FACULTY OF ALLIED HEALTH SCIENCES (FAHS)

- **Bachelor of Physiotherapy (BPT)** (4½ Year including 6 month compulsory internship

- **Master of Physiotherapy (MPT)** (2 Year) with specialization in Musculoskeletal, Cardiopulmonary, Sports, Neurology.

- **B.Sc. - Nutrition & Dietetics** (3 Year) including 2 month clinical/industrial training

- **M.Sc. - Nutrition & Dietetics** (2 Year)

- **B.Sc. Hons. - Food Science & Technology** (3 Year)

## FACULTY OF ARCHITECTURE AND DESIGN (FAD)

- **Bachelor of Design (B. Design)** (This programme is offered with specializations in Interior design/ Animation and Visual Effects (VFX)/ Communication Design based on the courses opted by the students out of the basket of offered elective courses).

- **B.Sc. Interior Design** (3 Year)

- **M.Sc. Interior Design**





■ **Bachelor of Commerce (Hons.)** (There is a provision for undertaking the courses of Association of Chartered Certified Accountants (ACCA) which is a global professional accounting body) (See Note: B).

■ **M.Com (2 Year)**

**Note-B:** Student undertaking B.Com (Hons.) with ACCA courses will have 13 ACCA papers integrated within the program. Students need to complete 13 papers for an ACCA qualification. 9 papers are exempted in ACCA knowledge and skills modules. The student can write the ACCA 4 Professional Level papers from the second year. B.Com (Hons.) with ACCA will help the students to finish ACCA Professional qualification without much additional training since the curriculum is already integrated or embedded in the B.Com (Hons.) syllabus. ACCA is an internationally recognized certification. Students studying B.Com (Hons.) with ACCA get to study all the aspects essential for commerce and business, ranging from accounting, taxation, marketing, management, reporting, law, government compliances along with regular B.Com subjects. B.Com (Hons.) with ACCA candidates get job in areas of audit and assurance, business development, business restructuring, commercial finance, compliance and risk, consulting and advisory, corporate & business accounting, corporate finance etc.

### FACULTY OF HOTEL MANAGEMENT (FHM)

■ **Bachelor of Science - Hospitality & Hotel Administration (3 Year)**

■ **Bachelor of Science-Culinary Arts (3Years)**

### FACULTY OF MEDIA STUDIES & HUMANITIES (FM&H)

■ **B.A- Media & Communication (3 Year)**  
-A student seeking admission in B.A-Media & Communication can get B.A-Media & Communication with Hons.

with either of the following specializations by earning additional 16 credits in the mentioned specialized emerging area/field:

- 1) Print & New Media
- 2) Digital Media Production
- 3) PR, Advertising & Event Management

The eligible students under this programme shall have a provision to proceed Western Sydney University (WSU), Australia in 2nd year directly with transfer of credits of all courses/subjects studied at MRIIRS (See Note- 8).

■ **M.A- Media & Communication (2 Year)**- A student seeking admission in M.A.- Media & Communication will have the option to go for either of the following specializations based on the basket of elective courses opted by him/her as per notified criteria of the University:

- 1) Print and Digital Journalism
- 2) Broadcast Journalism
- 3) Sports Journalism and PR Management

■ **BA-English (Hons) (3 Year)**

■ **MA-English (2 Years)**

**Note-8:** The eligible students under this programme shall have a provision to proceed Western Sydney University (WSU), Australia in 2nd year directly with transfer of credits of all courses/subjects studied at MRIIRS and completes the programme of Bachelor of Communication of WSU with award of their degree of Bachelors of Communication.

WSU, Australia provides academic support in terms of course details and delivery during the first year of this programme at MRIIRS through the faculty members of WSU Australia. The eligible students who shall be moving to WSU, Australia in their 2nd year of this programme with the transfer of credits (provided they do earn all the offered credits during first year) and completes their 2nd and 3rd year shall be

required to pay the fee and other charges as per WSU Australia during that period & shall be awarded the degree of Bachelor of Communication of the WSU, Australia.

### FACULTY OF BEHAVIOURAL & SOCIAL SCIENCES (FBSS)

■ **BA (Hons)- Applied Psychology (3/4 Year)**

with specializations in Clinical Psychology, Counseling Psychology, Industrial and Organizational Psychology, Educational Psychology, Consumer Psychology, Health, Psychology, Sports Psychology, Testing & Assessment, Personality & Social Psychology, Developmental Psychology (See Note: 11)

■ **BA (Hons)-Economics (3/4 Year)**

■ **B.A. Liberal Arts (3/4 Year)**- The student seeking admission in B.A- Liberal Arts shall have the option to go for Sociology as Major and others as Minor courses based on the chosen basket of courses offered by the University.

■ **B.A. (Hons) Political Science (3/4 Year)**

■ **MA-Applied Psychology** with specializations in following areas Clinical, Counseling, Industrial and Organizational, Educational, Health, Sports, Psychological Assessment and Psychometric Testing, Personality Assessment, Social, Cognitive & Perceptual, Community, Consumer, Developmental, Engg., Environmental, Evolutionary Experimental Forensic & Criminal, Neuropsychology, Rehabilitation & School Psychology (2 Yr.) (See Note: 11a)

■ **M.A - Economics (2 Year)**(See Note: 12)

■ **M.A- Public Policy and Public Administration (2 Year)**

\*The eligible student with 7.5 CGPA in the programmes can go for 4th year of programme in the respective domain and pursue for 4 year Degree programme (Honours/Research) by earning additional 44 credits in 4th year of his/her 4 year programme. Such students shall be at par with level 8 as per NEP 2020 and can further pursue one year of his/her Master's programme.

**Note-11:** 75% or above (equivalent to UK 2:1 classification). Overall minimum CGPA: 7.5 out of 10 at the end of their 3-year programme to progress to the Aston programme

**Note-11a:** students to have achieved 1st year M.Sc. average at MR: grade point (CGPA) of 7.5 out of 10 (75% or above) to progress to the Aston Program

**Note-12:** The students who have successfully completed their bachelors of Economics at MRIIRS may be eligible to do their masters from University of Winnipeg, Canada as per the following:

To enter the first year of the program, students must have achieved a minimum CGPA (Cumulative Grade Point Average) of 3.0 out of a possible 4.0, equivalent to "B" on a letter grade scale in the Economics (Honours) program at MRIIRS. c. To progress to the second year of the program, students must achieve a minimum B-average and a minimum grade of C in their courses for the qualifying years.

## FACULTY OF MANAGEMENT STUDIES (FMS)

### Department of UG Management Studies

- **Bachelor of Business Administration (BBA) General (3Yr.)** (See Note: 9)
- **Bachelor of Business Administration (Banking and Financial Markets)** in association with Bombay Stock Exchange (BSE) (3 Year) (See Note: 9a)
- **Bachelor of Business Administration (Global)- International Business** (in association with AIS, New Zealand) (3 Yr.) (See Note: 9d & 9e)
- **Bachelor of Business Administration (BBA)- Digital Marketing** in association with Talent Edge (See Note: 9b)
- **Bachelor of Business Administration (BBA)- Retail and Sales Management** in association with Retailers Association's Skill Council of India (RASCI)+ Spencers under Apprenticeship programme (See Note: 9c)

**Note 9:** The eligible students of this programme who successfully completes the 1st year of MRIIRS BBA programme the specified stream will receive credit towards Bachelor of Business Programme offered by Waikato Management School of University of Waikato, New Zealand.

**Note 9a:** BBA (Banking & Financial Markets) is conducted in association with Bombay Stock Exchange (BSE). One course in every semester is delivered by BSE experts.

**Note 9b:** Bachelor of Business Administration (BBA)- Digital Marketing in association with Talent Edge, Industry professional from Talent Edge will be imparting teaching of total six courses during entire 3-year program with internship facility and assistance for placement and obtaining professional certifications.

**Note 9c:** Apprenticeship embedded 3-year BBA in Retail & Sales Management program is in collaboration with Retailers Association's Skill Council of India (RASCI) & with Spencer- a retail industry, on job training will be provided by Spencer Retail Pvt. Ltd for which student can expect stipend as well. Opportunity to avail Certification of Retail Team Leader from sector council and Certificate of Apprenticeship from Government

**Note 9d:** Auckland Institute of Studies, New Zealand provide curriculum and accreditation support for BSc IT and BBA-(Global) International Business of MRIIRS. The students admitted in these programmes shall undergo 4-week study abroad programme/ internship at AIS Auckland, New Zealand as a part of their programme.

**Note 9e:** The eligible students under this programme shall have a provision to proceed Nottingham Trent University (NTU), UK in 2nd year directly with transfer of credits of all courses/subjects studied at MRIIRS and complete the rest of their programme of Bachelor of Business at NTU with award of their degree of Bachelors of Business. And we have 3+1 progression route also, upon successful completion of NTU course, applicant may progress to 1 year master program

### Department of PG Management Studies.

- **Master of Business Administration with Dual Specialization-** Finance, Marketing, Human Resource & Organizational Behavior, Management Information Systems, Entrepreneurship & Small Business Management, Business Analytics, International Business, Events & Media, Operation Management, Banking & Insurance Management, Aviation Management, Waste Management and Health Care Management (2 Year) (See Note 10)

#### **Note: 10:**

- MBA Admissions shall be based on All India Entrance Tests (CAT/ MAT/ XAT/any other equivalent test) and GD/ PI.
- Candidates can apply on the prescribed form on the basis of valid score of above tests.

## FACULTY OF DENTAL SCIENCES (FDS) Manav Rachna Dental College (MRDC)

MRDC was established in 2006 & is recognized for BDS Degree and MDS Degree by Ministry of Health & Family Welfare, Govt. of India and Dental Council of India and is affiliated to Manav Rachna International Institute of Research and Studies Faridabad (MRIIRS). The primary aim of this College is to produce competent dentists, specialists, & super specialists.

It has endeavoured to create all facilities conducive to learning and furtherance of knowledge by contributing towards national health care delivery system, providing efficient and expert medical services through the associated hospitals. Besides, the College has incessantly been organizing a large number of conferences/ symposia/ colloquia to foster research & community dental health awareness. The College offers the following programmes:

- **Bachelor of Dental Surgery (4 Year)** (with provision of one month exchange programme with University of Malaya, Malaysia)
- **Master of Dental Surgery (3 Year)** Prosthodontics and crown & Bridge, Pedodontics and Preventive Dentistry, Orthodontics & Dentofacial Orthopedics, Periodontology, Conservative Dentistry & Endodontic
  - Certificate Course in Oral Implantology ITI affiliated (1 Year)
  - Certificate Course in Laser Dentistry certified by WCLI & MRCDE (1Year)
  - Certificate Programme in Dental Aligners (1 Year)

**NOTE:** 1. Candidates belonging to SC/ST category shall be eligible for relaxation of 5% in the eligibility criteria for Admission to all UG, PG and Ph.D. programmes.

2. Candidates belonging to OBC category shall be eligible for relaxation of 3% in the eligibility criteria for Admission to all UG & PG programmes.

3. Candidates belonging to category of Single Girl Child, Sports, Wards of Defense Personnel and Paramilitary forces shall be considered for relaxation up to 5% in the eligibility criteria for Admission to all UG & PG programmes on case to case basis.

Ph.D. in Civil Engg., Electronics & Communication Engg., Electrical & Electronics Engg., Mechanical Engg., Computer Engg., Biotechnology, Management, Applied Physics, Applied Chemistry, Applied Mathematical Modeling (in Bio sciences, Decision Making, Real And topological analysis and fixed point theory), Computer Applications, Physiotherapy, Nutrition & Dietetics, Applied Psychology, Economics, English, Media Studies & Biochemistry.

**Note:** The eligibility criteria for the candidates qualified from IB Board or Cambridge International Examinations (IGCSE) shall be considered as specified below:

- **For IB Board:** Student should have secured a minimum of 24 points/credits with minimum of three subjects passed at Higher Level (HL) and three at Standard Level (SL).
- **For Cambridge International Examinations (IGCSE):** Minimum % shall be same as that for CBSE candidates. Candidate must be passed in minimum 5 subjects at 'O' level and minimum 2 subjects at 'A'level. These are mandatory to obtain equivalence certificate from AIU.





## MANAV RACHNA UNIVERSITY

Manav Rachna University is a State Private University (established by Haryana State Legislature Act No 26 of 2014 & under section 2(f) of UGC Act 1956). The University has evolved from Manav Rachna College of Engineering (MRCE, established in 2004, a NAAC Accredited 'A' Grade Institution). (MRU has been ranked among the top 3 Emerging Engineering Institutes of the country as per The Times Engineering Survey 2021.)

Manav Rachna University is a QS I- Gauge Gold Rated Institution. The accreditations of erstwhile MRCE are testimonial to the trust of accrediting bodies in the quality of education being offered, a well-established teaching and learning process guided by the global best practices, a culture of academic excellence promoting research, innovation and entrepreneurship.

NAAC ('A' Grade) is testimonial to the institutional strengths in the area of teaching & learning process, R&D, infrastructure, student quality and progressive path to excellence. It provides parents, students and potential recruiters reliable information on quality of education being offered by the Institute and acts as key differentiators of the Institute's standard of excellence.

With MRCE transforming into MRU, all the best practices get strengthened along with academic freedom to follow globally recognized and professionally relevant systems and processes.

## SCHOOL OF ENGINEERING

- **B.Tech. (4 year):** Computer Science and Engineering (See Note- 1), B.Tech in Computer Science & Engineering (specialization in Artificial Intelligence & Machine Learning) in association with Xebia, B.Tech in Computer Science & Engineering (specialization in Cloud, DevOp's & Full Stack Development) in association with Xebia
- **B.Tech.** in Computer Science & Engineering (specialization in Cyber Security & Threat Intelligence) in association with Quick Heal.  
Electronics & Communication Engg.,  
Electronics & Communication Engg. (specialization in VLSI Design & Verification) in association with True Chip,  
Mechanical Engg. & Mechanical Engg. with specialization in Smart Manufacturing and Automation.
- **B.Tech. Robotics & Artificial Engineering\***  
\*subject to AICTE Approval

- **B.Tech. Lateral Entry (3 year):** Computer Science and Engineering, Mechanical Engg., Mechanical Engg. with specialization in Smart Manufacturing & Automation., Computer Science & Engineering with Specialization in Artificial Intelligence & Machine Learning in association with Xebia & Computer Science & Engineering with specialization in Cloud, DevOp's & Automation in association with Xebia Electronics and Communication Engg., Electronics and Communication Engg. (specialization in VLSI Design & Verification) in association with True Chip, Computer Science & Engineering (specialization in Cyber Security & Threat Intelligence) in association with Quick Heal.
- **M.Tech. (2 year):** Computer Engineering, Mechanical Engineering, Electronics & Communication Engg. with specialization in Embedded System

**Note:** 1. The Department of CST 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 the 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.

Students get hands -on in manual/ automated testing by working on live projects.

\*B.Tech in Electronics & Communication may change subject to collaboration with True Chip

Electronics & Communication Engineering (In association with Truechip):

Department of Electronics & Communication is in process of associating with Truechip for B.Tech ECE specialized program\* in VLSI technology, IP testing, and verification. True chip, the Verification IP specialist, is a leading provider of Design and Verification solutions. Training Areas include verification and description languages along with, Perl, C, C++ , Unix shell scripting and automation. It includes both Front and back End EDA Tools like Cadence, Synopsys, Mentor - Questa, Modelsim, FPGA Synthesis.

Take-aways by students

i. Hands-on training from industry experts on industry-leading tools from Mentor Graphics/ Cadence/ Synopsys Tools with Verilog, System Verilog and UVM based Training

ii. Confirmed Employment Program for VLSI Design, with average Package: 4 Lakhs per annum.

## SCHOOL OF APPLIED SCIENCES

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

**Note:** The University of Winnipeg and Manav Rachna University (MRU) have signed an articulation agreement for the B.Sc. (H) Mathematics program. MRU-UW students admitted to the Mathematics program shall complete their first year of studies at MRU and the latter two years at the University of Winnipeg. This International exposure shall provide a platform to the students for a global connect.

## SCHOOL OF LAW

- B.A. LLB (Hons.) (5 year)
- BBA LLB (Hons.) (5 year)
- LLB\* (3 year)
- LL.M (1 Year)
- LL.M (2 Year)

- (i) Commercial Arbitration
- (ii) Constitutional Law
- (iii) Corporate Law
- (iv) Criminal Law

**Ph.D. Engineering, Management, Education, Applied Sciences & Law.**

\*Subject to BCI approval.

## SCHOOL OF MANAGEMENT & COMMERCE

- BBA (Health Care Management) (3 year) (See Note-2)
- BBA (Finance & Accounts) (3 year)
- BBA (Entrepreneurship & Family Business) (3 year) (See Note -3)
- BBA (Global Operations Management with specialization in Supply Chain Management, Logistics & Projects Management)
- BBA (Business Analytics) (3 year)
- MBA- Business Analytics in association with ISDC (International Skill Development Corporation, UK Based Organization)\* (2 year)

\* Subject to approval of AICTE.

**Note: 2.** BBA Health Care Management Supported by leading hospitals of Delhi NCR

**Note: 3.** In Association with NIESBUD, NEN, MSME

## SCHOOL OF EDUCATION & HUMANITIES

- B.Ed. (2 year) (See Note-4)
- B.Ed Special Education in Learning Disability (2 Year)
- B.Sc. B.Ed. Integrated (4 year) (See Note-4)
- B.A. B.Ed. Integrated (4 year) (See Note-4)

**Note: 4.** WWith opportunities for teaching practice, internship and preferred placements in various Manav Rachna International & Kunsapsskolan schools.





## MANAV RACHNA INTERNATIONAL SCHOOLS

MANAV RACHNA INTERNATIONAL SCHOOLS - Schools for the future with Indian mind and soul

“Excellence does not happen; it is the result of our sincere, consistent and mindful efforts.”

This is the underlying belief that is clearly reflected in all Manav Rachna International Schools, be it the state-of-the-art infrastructure or a rigorous blend of curriculum. We help the child to identify his own potential, nurture his innate abilities and thus create a happy individual by providing a safe and conducive environment which optimizes both, the 'development' and 'delight' quotients. Being a futuristic and progressive school, Manav Rachna has adopted many innovative practices that help the child in addressing the current and future challenges.

We create self-directed, independent learners who are equipped with global values, beliefs and life skills to grow into responsible and responsive human beings.

### INSPIRING FUTURE@ MRIS - A COMMITMENT

Dedicated to create high quality, accessible and relevant learning opportunities, Manav Rachna International Schools (MRIS) enable students to connect theory with practice and apply fresh perspectives to solve day to day problems. Guided by innovative spirit and ahead-of-the-curve thinking, MRIS stands tall in its relentless quest for academic excellence & holistic development. Located in the lap of nature, the MR school campuses are picturesque and serene, with avant-garde architecture, and are equipped with the finest technologies to catapult the experiential learning process. Aided by scientifically designed pedagogies and advanced curricula, the graduating students continue to push the boundaries of conventional learning, while honing their skill-set and emerge as sincere, diligent leaders team workers.

### MANAV RACHNA SCHOOLS - AN INTEGRATED EDUCATIONAL PARADIGM

Manav Rachna International Schools (MRIS) set the standard for school learning. Our unwavering commitment to innovation, quality and safety has earned us the trust of the most respected organisations, bodies, students and parents. We foster a nurturing, embracing learning environment that helps every student to flourish through academic collaboration with CREST and Future Skills & Sustainability. MRIS has expanded to a network of eight schools across Faridabad, Gurgaon, Noida, Ludhiana and Mohali.

### EDUCATION 2.0 AT MRIS

*Ease of Virtual Learning*

The Pandemic took us off-guard and brought about unprecedented changes in all spheres of our lives. April 2020 catapulted us into virtual space big time.

While schools were shut down, learning had to continue. The transition from offline to online schooling in Manav Rachna International Schools, though sudden, was smooth because technology and its usage had always been an integral part of our teaching learning process. Overnight shift was demanding- it called for greater planning, online infrastructure (platform to run classes) was required to be put in place and teachers trained. Manav Rachna International Schools rose to the occasion and could master the obstacles in no time. From the brick and mortar school we shifted to Microsoft Teams school with support from all our stakeholders- students, parents and faculty. Teething problems, wherever and whenever they cropped were handled together. Role reversal was also seen at times when students taught their teachers troubleshooting technical glitches.

Today we have come a long way and are an year older and wiser in technical usage. Learning apps and digital tools are an important feature of our pedagogy and intricately blended with concepts across subjects. Navigating the Google Earth, or the Math Geoboard, collecting student responses through apps like quizzes, Kahoot, Answergarden or Mentimeter or

polls or videos on Flipgrid or monitoring classroom behavior through apps, or exploring book publishing apps, learning at MRIS (online or offline) is always active, reflective and engaging.

MRIS schools are affiliated to CBSE and accredited with AdvancEd, a US-based non-profit and non-partisan global organisation. Following are the AdvancED Performance Standards followed at our schools that lay the foundation for improvement in planning and implementation at the Leadership Capacity Domain, Learning Capacity Domain, and Resource Capacity Domain.

### FUTURISTIC, INTEGRATED, CHALLENGING, FLEXIBLE, & COMPREHENSIVE CURRICULUM

Manav Rachna International Schools have a challenging, comprehensive curriculum with global dimensions that accommodates diverse learning needs of students and makes teaching learning a joyful experience for students and teachers. Age appropriate learning opportunities supported with co-curricular activities and the most modern infrastructure lays the foundation of quality teaching learning in all the schools.



- SOCIAL INITIATIVES
- ACTIVE PARENT INVOLVEMENT
- CAREER COUNSELLING
- APTITUDE ASSESSMENT
- SECURED ONLINE CLASSES ENSURED
- SECURED OFFLINE PREMISES ENSURED
- MEDICAL SAFETY ENSURED BY SCHOOL INFIRMARY
- PSYCHOLOGICAL SAFETY (CYBER & OFFLINE) ENSURED BY SCHOOL COUNSELLORS
- STEM INTEGRATION
- DEVELOPMENT OF COMPUTATIONAL THINKING SKILLS
- ADVOCACY OF SUSTAINABLE DEVELOPEMENT GOALS
- GLOBAL APPROACH WHILE STILL VALUING INDIAN ROOTS
- CONTINUOUS ASSESSMENT & FEEDBACK
- ACADEMIC WORKSHOPS, ACTIVE USE OF LEARNING APPS & FLIPPED CLASS ROOMS
- PEER LEARNING, PROJECT BASED EXPERIENTIAL LEARNING
- INTEGRATED CURRICULUM
- DIFFERENTIATED LEARNING



Manav Rachna has always been visionary and forward moving when it comes to education in its schools. Be it introducing tinkering or robotics to its students or coming up with its own GEF publications that focus on conceptual learning or the CREST curriculum or pioneering life skills and the UN sustainability based projects, MRI Schools have always had an edge over others.

Taking its learning approach to the next level, MRIS has integrated its unique features into a more holistic program named Future Skills & Sustainability (FS & S) for the Academic Session 2021-22. The basis of this futuristic program is founded in E2030 Position Paper on the Future of Education and Skills, OECD, The Future of Jobs Report 2020, World Economic Forum, UNESCO - Future of Education Initiative and NEP 2020. The program will be implemented through different verticals of Tinkering, Coding & Technology, Media & Design and AgriTech. The verticals are experiential and inquiry based and will be introduced gradually.

### Conceptual Learning through Reasoning, Exploration, Skill & Technology (CREST)- Inter Disciplinary Curriculum (Science & Social Science)

It aims at instilling 21st Century Learner Skills in children, motivating them to inquire as a means to seeking answers. The effective instructional strategies and pedagogical practices aim to create unique and engaging learning experiences for children. It gives children the opportunity to explore the world they live in with a sense of sustained awe and wonderment that motivates them to inquire. The child-centered strategies provide opportunities to learn through experimentation, investigation, demonstration and application.

### INCLUSIVE EDUCATION

We believe in addressing the specific learning needs of every student. The Special Educators work closely with educators and offer to bridge this gap between classroom learning and the student's challenges by offering I.E.P.(Individualized Education Programmes) for each individual student to be monitored by the special educators. The specially-trained educators & counselors work towards students' abilities and needs. Hence, at MRIS we take each student by the hand to further his skills and soar into the horizon of seamless possibilities.

### SPORTS AND WELL BEING

Sports are an inherent part of the curriculum at MRIS and meet the psychological, and sports training needs of students. The Manav Rachna Sports Academy and Manav Rachna Shooting Range nurture students' sporting talents. There are facilities for indoor (Shooting, Chess, Carrom, Gymnastics, Badminton, Table Tennis) and outdoor (Swimming, Taekwondo, Skating, Archery, Tennis, Basketball, Soccer) games facilities. Specialised coaching via International/ National coaches is also provided.

### RANKINGS

- Manav Rachna International School, Sector 14 Faridabad Ranked No. 1 CBSE School In Faridabad In The Leaders Category by The Prestigious Times School Survey 2021.
- Manav Rachna International School, Charmwood Ranked No. 1 CBSE School In Faridabad In The Challengers Category by The Prestigious Times School Survey 2021.

- Manav Rachna International School, Sector-46, Gurugram Ranked No. 2 CBSE School In Gurugram In The Leaders Category by The Prestigious Times School Survey 2021.
- Manav Rachna International School, Noida ranked as No.1 CBSE School in Noida In The Innovators Category by The Prestigious Times School Survey 2021.
- MRIS-14 Faridabad is now affiliated to the prestigious 'International Council of Dance' (CID), an official partner of UNESCO, headquarters at Paris.
- Manav Rachna International School, Sector 21C, Faridabad bestowed with two Executive awards for 'Innovation in School Curriculum' and 'Co-Scholastic Activities' by the prestigious EduExcellence group.
- Manav Rachna International School Sector-21C, Faridabad has been adjudged as Top School of India in the most comprehensive ranking of top Indian Schools in 11th School Leadership Summit 2019 conducted by digital Learning India.
- MRIS Charmwood ranked among the Top schools of India in the category of Best CBSE School, Best in Sports Education, Best in Co-curricular activities, and Best techno smart school of the year, by Brainfeed School Excellence Awards 2018-19.
- MRIS Noida received the award in the category of Best CBSE School, Innovative Practice, Sports Education, STEM Education Schools, Techno Schools for enriching the standards in imparting excellence in education to the GenNext learners by Brainfeed (2020).

# DOMAIN OF DOERS

## Faridabad

LOVE A CHALLENGE? WE TOO DO. SINCE THE BEGINNING, MREI HAS BEEN A PLACE WHERE YOU CAN BRING YOUR PASSION, GRIT, AND DETERMINATION TO EXPLORE AND INNOVATE - AND HAVE FUN DOING IT. WITH OUR LONGSTANDING INDUSTRY PARTNERSHIPS, FOCUS ON REAL-WORLD SOLUTIONS, AND RELENTLESS SPIRIT OF ENTREPRENEURSHIP, THERE'S A REASON WE'RE KNOWN AS AN INNOVATION NUCLEUS. IF YOU LOVE THE ENERGY OF A BIG URBAN CENTRE - TRANSPORTATION, CULTURE, AND MORE - WITH THE CHARM AND FAMILIARITY OF A SMALL TOWN, YOU'LL FIND YOUR HAPPY PLACE IN THE CITY OF FARIDABAD.



**Smt. Satya Bhatta**  
Chief Patron

**Shri Anurag Thakur**  
Minister of State for Finance and Corporate Affairs, Govt. of India

# INTERNATIONAL COLLABORATIONS



The Laurentian University campus is situated near the Lake Laurentian

Conservation area in Sudbury, Ontario, the campus spread across 765 acres. With spacious classrooms, hi-tech labs, a bookstore, a speech and language clinic and a huge library, the campus offers an environment suitable for fast and efficient learning. Laurentian University offers various graduate and undergraduate programs in diverse fields such as anthropology, communication, ancient studies, economics, arts, sociology, economics, history, social science, law, music, philosophy, psychology, and theatre.



Livingstone International University of Tourism Excellence and Business

Management (LIUTEBM) is a unique and excellent university of its kind in Zambia offering university education at both undergraduate and postgraduate levels including the British Ph.D. in International Business Management.



Yuan Ze University, Taiwan is a private university located in Taoyuan City, Taiwan, established in 1989, its campus is in Zhongli District, Taoyuan; Taipei and

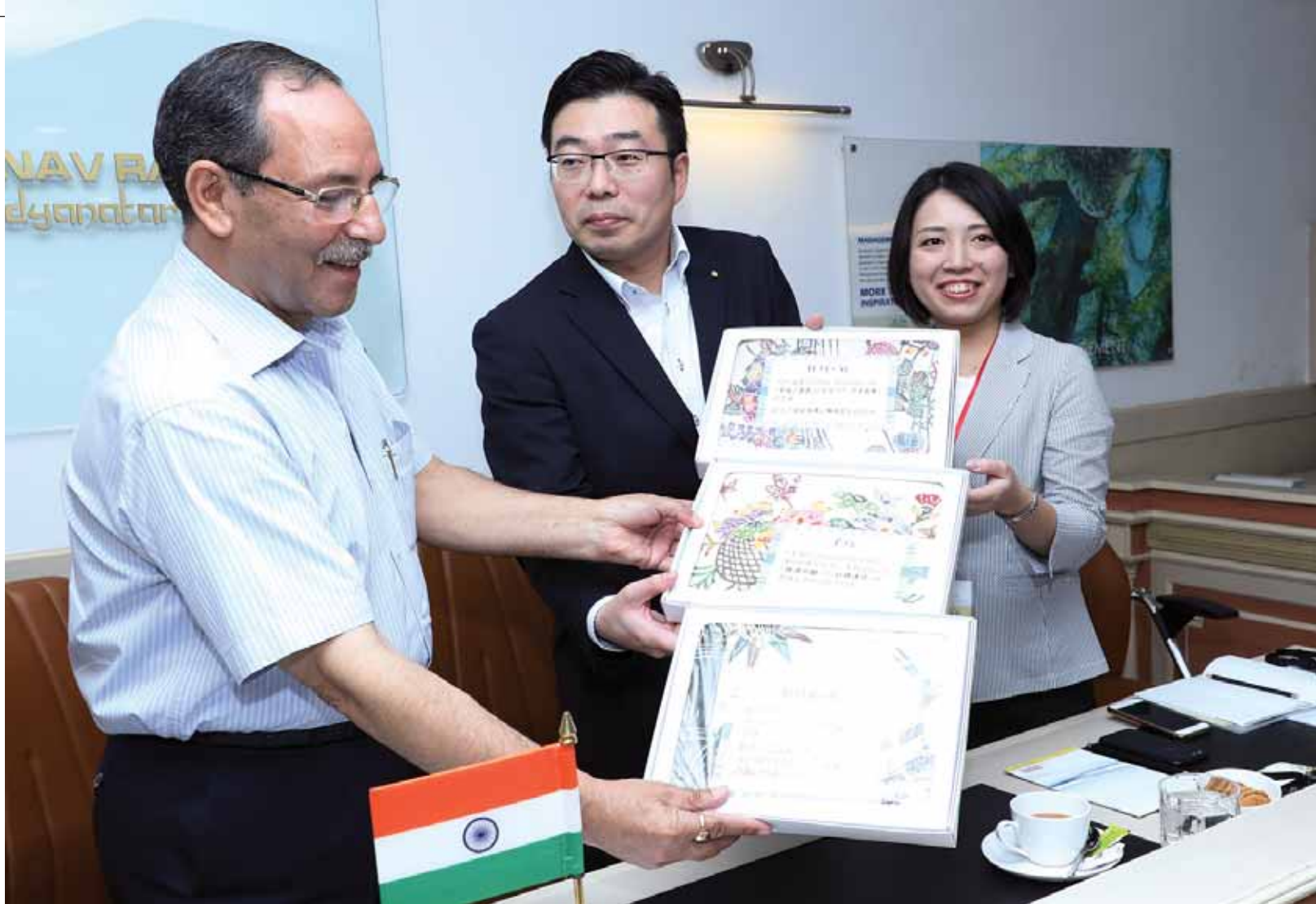
Bade District, Taoyuan. Yuan Ze University has five colleges, for Engineering, Informatics, Management (accredited by AACSB and AAPBS), Humanities and Social Sciences, and Electrical and Communication Engineering. YZU offers several international programs such as the English Program of Bachelor of Business Administration, Master's program in Industrial Engineering and Management. Additionally, the Master's Programs in the Communication Engineering are all taught in English. With the highest ratio of English-instructed courses in Taiwan, YZU has over 250 international students pursuing degrees and joining exchange programs.



Wentworth Institute of Higher Education, Australia, Wentworth Institute of Higher Education (WIN) is located in New South Wales,

Australia. WIN provides high quality tertiary education at undergraduate and postgraduate levels in business and interactive media programs of study. Wentworth's higher education degrees are accredited through the Tertiary Education Quality and standards Agency (TEQ SA) and by the relevant professional bodies.





**The University of Newcastle** is an Australian public university established in 1965. It has a primary campus in Callaghan, a suburb of Newcastle, New South Wales. The university also operates campuses in Ourimbah, Port Macquarie, Singapore, Newcastle CBD and Sydney CBD. It is a member of Universities Australia and the Association to Advance Collegiate Schools of Business. In 2015 Times Higher Education ranked the university of Newcastle number 2 in Australia and number 30 in the world for universities under 50 years of age.



**Auckland Institute of Studies (AIS), Auckland, New Zealand** is a unique tertiary institution providing NZQA Accredited Diploma, UG and PG level Programmes. It also has the largest MBA programme in New Zealand. AIS has collaborated with MRIIRS to provide curriculum and accreditation support for BBA (G)-IB and B.Sc.-IT Programmes. Students pursuing these two programs will get the unique opportunity to undergo complimentary four-week study abroad program at the Auckland Institute of Studies in New Zealand during their third year.



**The University of Nottingham** is a public research university in Nottingham, Nottinghamshire, United Kingdom. Outside the United Kingdom, the university has campuses in Semenyih, Malaysia, Ningbo and China. The University of Nottingham has more than 50 schools, departments, institutes and research centres. The University of Nottingham was ranked 74th in the 2011 QS World University Rankings. In the 2014 Research Excellence Framework (REF), which assesses the quality of research in UK higher education institutions, Nottingham is ranked 26th by Grade Point Average (GPA) and 8th for research power. The 2016 CWUR University Ranking placed Nottingham University 139th globally and 10th in United Kingdom.



**Nottingham Trent University, UK** Nottingham Trent University is a public research university in Nottingham, England, UK. It was founded as a university in 1992 and is the 14th largest university in the UK (out of 166) with 27,920 students split over three different campuses. The university has "one of the best employability records of any university in England and Wales". The university is composed of three colleges and nine schools:



**Purdue University Northwest** - is a prestigious American university in northwest Indiana, USA With nearly 7,000 students, it is one of the largest university systems in the United States and includes four campuses, a statewide technology program, extension centers & continuing education programs.



**The University of North America (UoNA)**-is accredited by the Accrediting Council of Independent Colleges and Schools (ACICS), USA, and is listed by the Department of Education and the Council of Higher Education Accreditation (CHEA). UoNA has adopted the latest academic innovations, including quality curriculum, comprehensive student and career services, as well as advanced library technology. The following programs are offered at UoNA: UG Programs- Bachelor of Science in Information Technology (BSIT), Bachelor of Science in Business Administration (BSBA) PG Programs- Master of Business Administration, Master of Science in Computer Sciences & Master of Science in Information Technology.



**Haaga Helia University of Applied Sciences:** Haaga Helia is part of the Finnish public educational system. It is privately run but steered & co-funded by the Finnish Ministry of Education & Culture.



**The University of North Texas (UNT)** is a public research university based in Denton, Texas. UNT is the flagship institution of the University of North Texas System, which includes additional universities in Dallas and Fort Worth. UNT also has a satellite campus in Frisco. University of North Texas.



**Algonquin College,** Ottawa, Canada, 2nd largest public institution in Canada, has partnered with MRIIRS to offer Diploma in Interior Design, & also establish Skill Development Centre of Excellence in India to impart training and up-skilling tradesmen in the Automotive and Plumbing sectors. To ensure this, MREI has signed separate MoUs with the respective sector skill councils i.e. Automotive Skills Development Council (ASDC) and Indian Plumbing Skills Council (IPSC) to pursue activities related to the Centre of Excellence.

Ranked # 1 in Student Satisfaction in province of Ontario, Canada



**Tsukuba University,** Japan established in the year 1973 as Tokyo University of Education in Tsukuba has partnered with MRIIRS (formerly MRIU) for student and faculty exchange as well as research and development programs.

Manav Rachna raised the bar of sporting excellence and glory, as it showcased its commitment towards promoting Olympic education in the country by organizing the

Indo-Japanese Conclave-III in association with University of Tsukuba, Japan. The theme of the Conclave was 'Olympism for Humanity Restoration Enterprise: Academic Legacy Goals, Scope, and Foundations - Towards Tokyo 2020'. Over the years, Manav Rachna students have been recipients of scholarships and Gold Medals (for research work) from the Tsukuba University.



Lahti University ranked in Top 22 Univ. in Finland

**Lahti University of Applied Sciences (LAMK), Lahti, Finland:** An MOU has been signed with Lahti University of Applied Sciences, Finland to collaborate on academic and research related activities. The scope of the collaboration encompasses the exchange of faculty and students, launch of activities like extension programmes, trainings, courses and exchange of publications and research reports. The objective is to bridge the gap between industry and academia with focus on the skill centric courses with the aim of producing industry-ready professionals through improving employability and life skills.

Prof. (Dr.) Sanjay Srivastava, MD MREI & VC MRU has been awarded International Honorary Research Fellowship of LUAS, Finland. Manav Rachna University (MRU) partnered with LUAS (Finland) in 2016 to organize 'Smart Cities in Smart Regions 2016' conference in Finland.

**Metropolia University of Applied Sciences** is the largest University of Applied Sciences in Finland situated in Helsinki metropolitan area. The university has four fields of study: culture, business, health care & social services, and technology.



**Laurea University of Applied Sciences** is a university of applied sciences that operates in the region of Uusimaa, Finland. It offers programmes in Finnish and English. The university has six campuses that are located in the Greater Helsinki region.



**The Universidad Nacional Villa María** is an Argentine national university located in the city of Villa María in Córdoba Province. In 1993, Villa María had twenty-one establishments of initial level, twenty-two of primary level, fourteen of secondary level and six of non-university tertiary level. In addition, there was a Regional School of the National Technological University and an extension of the Faculty of Economic Sciences of the National University of Córdoba. The university is officially accredited and recognized by the National Commission for University Evaluation and Accreditation, Argentina.



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**GEDIK** Üniversitesi  
Istanbul Gedik University is a non-profit private higher education institution located in Istanbul. Officially accredited and recognized by the YÖK - Yükseköğretim Kurulu (YÖK-Council of Higher Education), Istanbul Gedik University is a coeducational higher education institution.



**AUT** Auckland University of Technology (AUT)-AUT is the second largest university in New Zealand by total student headcount. It has five faculties and 16 schools that sit within these faculties eg. Business, Economics, Law, Hospitality and Tourism, education etc. AUT has three campuses in Auckland CBD, North & South.



**The National University of Physical Education and Sport of Ukraine** is a well- renowned educational research and sports center in the world. NUPESU was established in 1930 in Kharkiv.



**St. George's University is a private St. George's University is a private medical school and international university in Grenada, West Indies** and was established by an act Grenada's parliament on July 23, 1976. It is offering degrees in medicine, veterinary medicine, public health, health sciences, nursing, arts and sciences, and business.



**Universitas Indonesia**, Indonesia is a state university in Depok, Sest Java & Salemba, Jakarta, Indonesia. It is the oldest tertiary-level educational institution in Indonesia and is generally considered as the most prestigious university in Indonesia. In 2018 QS World Universities Ranking, UI is ranked 1st in Indonesia, 58th in Asia and 277th in the world. The university consists of 14 following faculties providing courses at the undergraduate, graduate & postgraduate levels.



**University of the West of England, Bristol, UK.** Manav Rachna Educational Institutions (MREI) and the University of the West of England (UWE), Bristol, UK signed a Memorandum of Understanding on August 21, 2017 in Bristol to work collaboratively in the areas of Environment & Technology. Under the MoU, MREI and UWE will explore collaborative projects in credit recognition, staff exchange and student exchange in the fields of environment, Product Development & Innovation, Technology. The two universities shall offer Masters' and Doctoral programs in environment and technology, including Robotics & Water Technology and shall also work closely in the area of Psychometric profiling of students in this academic year.



**Osh State University is a Government-sector university in Kyrgyzstan** that has been training foreign students since 1992. More than 40,000 students study at the faculties and institutes of the university including approximately 3,000 students from other nations. It is the largest university of the Kyrgyz Republic and is a member of European University Association, the International Association of Universities and TEMPUS (Trans-European Mobility Programme for University Studies)



**The University of Winnipeg** was established in 1967 and is located on Treaty One land, in the heart of the Métis homeland, offers a compact, diverse, multicultural academic community committed to access and excellence. It's a public research university in Winnipeg, Manitoba, Canada, that offers undergraduate faculties of Art, Business and Economics, Education, Science and Kinesiology and Applied Health as well as graduate programs.



**University of Sinaloa, Mexico-** The Autonomous University of Sinaloa is a Mexican Public University based in the city of Culiacan, Sinaloa, with several campuses across the state. The University was established on 5th May 1873.

**Universidade Lusófona de Humanidades e Tecnologias, Portugal:** Universidade Lusófona de Humanidades e Tecnologias is the largest non-public University in Portugal. The University campus is situated in the center of Lisbon city, capital of Portugal. Universidade Lusófona is currently having more than 11.000 students & 1500 teachers. All the University courses fulfill the European Higher Education requirements & comply with the European Credit Transfer systems (ECTS).

**The University of Regina is a public research university** located in Regina, Saskatchewan, Canada. The University was founded in 1911 and became an autonomous university in 1974. The University of Regina has an enrollment of over 12,000 full & part-time students. In 2016, the University of Regina was ranked as one of the top 150 universities under "50 years old world-wide universities" in the Times Higher Education world university rankings.

**The University of Malaya is a public research university** located in Kuala Lumpur, Malaysia. It is the oldest and most esteemed university in Malaysia. It is the first University of Malaysia situated on a 750-acre (309-hectare) campus in the southwest of Kuala Lumpur. In 2015,

the QS World University Rankings has ranked University of Malaya at the 146th place in the world. Also in the same year, the university was ranked 29th in the QS Asian University Rankings, 3rd in Southeast Asia & is the highest ranked learning institution in Malaysia.



**Beykent University** was founded by AdemÇelik-Beykent Educational Foundation in 1997. It is a private university with 5 different campuses, 8 Faculties, 4 Vocational Schools, a Distance Learning System, 2 Institutes, 3 Research Centers and a education and Research Center. Beykent University has 49 Bachelor's Degree Programs, 45 Associate's Degree Programs and 2 Programs in Distance Learning. The medium of instructions in the university in English as well as Turkish.



**Aston University** is a top-class public research University of England. The Times Higher Education ranked it as the second-best teaching quality University of England. Aston University campus is located in the centre of Birmingham, 'Britain's Second City'. The university has options to choose from a wide range of courses in different areas of studies like engineering and applied sciences, computer science, business, medicine & health sciences, life science etc.



**Syrian Private University** was established in 2005 and is a private higher education institution located in the urban setting of the medium-sized city of Daraa, Syria. Syrian Private University is officially accredited/ recognized by the Ministry of Higher Education, Syria. Syrian Private University (SPU) is a coeducational higher education institution and offers courses and programs leading to officially recognized higher education degrees such as bachelor degrees in several areas of study.



**Asia University** is a private university which was founded in 2001 and is located in the Wufeng District, Taichung, Taiwan. Asia University was ranked 83rd in the 2014 THE (Times Higher Education) ranking of the 100 best universities in Asia. Asia University was one of the top universities in Taiwan with outstanding teaching achievements according to the Ministry of Education, Taiwan evaluation, having been granted consecutively for 11 years Projects of Teaching Excellency Promotion by the Ministry of Education.



**Carleton University, Canada MRU** is exploring an academic and cultural partnership with the Carleton University, Canada. MRU (Faculty of Law) for student and faculty exchange.







**Akamai University** was established on 30 May 2002, & has operated as a non-profit degree-granting institution under the laws & regulations of the United States of America & the State of Hawaii. Akamai operates as a federal and state tax-exempt institution of higher learning for the purpose of providing advanced studies, research and community service worldwide. Akamai University is an international university with academic, corporate, and community service affiliations in many nations. Akamai University is accredited by the Accreditation Service for International Schools, Colleges & Universities (ASIC).



**Karabuk University** is a public higher education institution, established in 2007, located in the large town of Karabuk. The academic structure of Karabuk University contains fourteen faculties, four graduate schools, four schools and seven vocational schools. The university is a member of the Caucasus University Association. This institution has also branch campuses in Safranbolu.



**Hasan Kalyoncu University-** The Hasan Kalyoncu University, Turkey is a co-educational Private University based in the city of Gaziantep, Turkey. The University was established in 2008 and has approximately 10,000 students. Their Campus includes three institutes & three vocational centers as well.



**Al Mustaqbal University** College is an Iraqi private college established in 2010, recognized by Ministry of Higher Education and Scientific Research.. The college is an Iraq higher education provider, with more than 2000 students studying. The college started its first academic year 2010-2011 with two academic study departments, which were department of Technical Computer Engineering and department of Technical Air Condition Engineering, subsequently four more departments were included.



**Auburn University at Montgomery** is a coeducational public university located in Montgomery, Alabama, United States. Established in 1967, Auburn University at Montgomery offers programs of study leading to bachelor's, master's, and specialist degrees in business, education, liberal arts, nursing, and sciences. Auburn University at Montgomery has been accredited by the Southern Association of Colleges and Schools, Commission on Colleges as an operationally separate institution since 1978.



**OLLU- Our Lady of the Lake University** an independent University located in San Abtonio, Texas, USA. It was founded in 1895. OurLady of the Lake University was the first San

Antonio institution of higher education to receive regional accreditation, and its Worden School of Social Service. OLLU, USA currently offers Bachelor's degree in 33 areas of study, Masters Degrees in 14 areas of study, and two doctoral degree programs.



**Istanbul Commerce University, Turkey** - is a private university established in 2001 by the Istanbul Chamber of Commerce. The university offers undergraduate and graduate programs as well as doctorate programs in Istanbul. The university has 6000+ students and has campuses located in Uskudar, Kucukyah, Eminonu & Sutluce. Üsküdar campus is home to the English Preparatory Department & 11 undergraduate degree programs.



**The University of Waikato's** main campus is in located in Hamilton, New Zealand and was established in 1964. An additional campus is located in Tauranga. The university provides a strong, research-led global contribution in the disciplines of education, social sciences, and management and is an innovator in environmental science, marine and freshwater ecology engineering and computer science. It offers degrees in Health, Engineering, Computer Science, Management, Social Sciences & Education.



**Polesky State University, Pinsk, Belarus** General Academic Collaboration Agreement has been signed with the Polesky State

University, Pinsk, Belarus. It covers all aspects of academic collaboration between our two universities. Polesky State University is a public university located in Pinsk, Belarus. The university was established in 2006. The university offers both undergraduate and postgraduate degree courses. University structure includes Scientific and Technological Park Polesye and a number of laboratories such as Longitudinal Scientific and Research Laboratory, Laboratory of Industrial Fish Breeding, Laboratory of Regional Development and Tourism.



**Binawan Institute of Health Sciences (BIHS)** is at the forefront of nursing and healthcare education in Southeast Asia. BIHS is the only Indonesian educational institute to provide healthcare students with internationally recognized qualifications which enable them to work anywhere in the world. Binawan Institute offers graduate programme in Physiotherapy. MRIIRS has tied up with Binawan Institute of Health Sciences is looking forward for the development of academic programs and clinical practices for students of Physiotherapy (BPT& MPT) & to develop joint research projects.



**College Board, USA** Manav

Rachna Educational Institutions have entered into an agreement with College Board, USA. This will benefit the MREI students as well as the organization in various fields including recruitments, admissions, entrance assessments (eg. SAT) and enrollments. The program also includes tailored training sessions focused on using various College Board Programs and tools.



**The EIA University is an American University,** located at Antioquia, Columbia USA and was

founded on "February, 1978" by a group of 27 leaders from the private, academic and public sectors in Columbia. EIA offers research and service projects in cooperation with outstanding organizations and industries in Columbia. It shares an Innovation Centre with Conconcreto, a large design and building company, located at Las Palmas campus. It runs programs in Engineering (UG & PG).



**The University of Pitesti (Romanian: Universitatea din Pitesti)** is a public university in Pitesti, Romania, founded in 1991. The University of Pitesti has over 700 people as teaching staff and administrative personnel, and around 12000 students.



**Istanbul Kultur University, Turkey-**

is one of the private universities located in Istanbul, Turkey. It has three campuses near each other in the western part of Istanbul, the Atakoy and Incirli campuses in Bakurkoy, and the Sirinevler Campus in Bachcelievler. The University was founded in 1997 and has five schools and two vocational schools. The University is a member of the prestigious "Caucasus University Association".



**College Sevigne, Paris, France-** College Sevigne is a "not for profit" private University in Paris, France which offer mostly graduate studies (Masters): The University also has undergraduate students who pursue their studies in Schools of Art (like the Ecole du Louvre) The main fields of studies are -Humanities, Art and History of Art, In masters level-Latin and Greek, French Literature, English Literature, Spanish Literature, History and Geography.



**Vinh University, Vietnam:**

Manav Rachna has entered into a General Academic Collaboration with Vinh University, Vietnam. The University is considered as one of the most prestigious Vietnamese universities with a combined enrollment of 46,000 students. The agreement covers all aspects of academic collaboration with MRIIRS (formerly MRIU).





**University College of Northern Denmark (UCN)** is one of seven new regional

organizations of different study sites in Denmark offering courses of professional relevance. UCN presently has four schools-Health, Education, Technology & Business & lifelong education. UCN has branches in Aalborg, Hjørring and Thisted in Denmark. UCN is also active in applied research, innovation, development and continuing education. UCN has more than 100 partner universities worldwide. UCN is an institution of the UAS type with applied sciences and close contact with the public and private business sector.



**Cyprus Health and Social Sciences University (CHSSU)** was established in 2016, in the regions in Cyprus, Güzelyurt. The University

officially has started its academic programs and training opportunities with two faculties- Higher Educational School and vocational school, in addition to the language school for (English & Turkish).



**ISDE** is an academic institution born out of the heart of the legal profession, it is a

center affiliated with the Complutense University of Madrid. ISDE selects talented students from leading national and

international universities, offers excellence-based training and therefore, introduces them in professional structures. Its students are trained in some of the most prestigious international universities, such as Georgetown University, NYU, Miami University and Jindal Global University, leaders in international rankings.



**Istanbul Aydin University (IAU)**- is a private university founded in 2007 in Istanbul, Turkey. It has 7 campuses

located on both sides of Istanbul. The university conducts Bachelor's & vocational programs, as well as distance learning programs in Florya Campus. IAU offers more than 65 programs under the following faculties: Faculty of Art and Sciences, Communications, Dentistry, Economics & Administrative Sciences, Education, Faculty of Engineering-Architecture, Fine Arts & Law.



**Korean Culture Centre** Manav

Rachna Educational Institutions and Korean Culture Centre, India have arrived at an understanding for all Manav Rachna International Schools. to explore following avenues of cooperation between all our schools and Korean Culture Centre, India, Korean Cultural Centre Tour, Korean Cultural Experience Workshops, Korean Cultural Class at School, Koran Storytelling Tour, Korean Performing Arts Tour & Korean Language Classes.



**Curtin University** is an Australian public research university

based in Bentley, Perth, Western Australia & is globally recognized for its strong connections with industry, high-impact research and wide range of innovative courses. As Western Australia's most innovative university, Curtin's strong credentials, it has been awarded a five-star overall excellence rating (out of five) in the International QS Stars rating 2014. It's one of the world's most international universities, with the third largest international student



**The Association of International Accountants (AIA)** is

a global body for professional accountants and was founded in 1928. They aim to create world class accountants; through offering high-standard, relevant and innovative qualifications, and providing first-class, tailored and pertinent services for their members around the world. AIA has promoted the concept of 'international accounting' to create a global network of accountants



**President University** is a higher education institution in Indonesia which was established to become a research and development center in the region and to set a new benchmark in Indonesian higher education. Specifically, the university is prepared to create an institution of learning which would prepare future leaders of industry and society by giving them the skills & experience necessary to excel upon graduation.



**Abdullah Gül University** is a state university, located in Kayseri Turkey. The university was inaugurated in 2010, has 5 Schools offering 14 graduate and undergraduate programs. All courses at AGU are taught in English. Currently the university's main location is Sümer Campus the second campus is under construction, at Mimar Sinan Campus.



**Universiti Teknologi Malaysia (UTM)** is a Malaysian public research-intensive university in Engineering, Science and Technology located in Skudai, Johor and it has a branch campus in Kuala Lumpur.

UTM is a graduate-focused university with 56% of its student population consisting of postgraduate students, the highest in Malaysia.



**Western Sydney University**, is an Australian multi-campus university in the Greater Western region of Sydney. It is a provider of undergraduate, postgraduate and higher research degrees with campuses in Bankstown, Blacktown, Hawkesbury, Campbeltown, Parramatta and Penrith. It is currently ranked in the top 400 in the world in 2019 THE World University Rankings and 19th in Australia in 2019.



**Illinois Institute of Technology** is a private research university in Chicago, Illinois. It was established in 1940 of Armour Institute and Lewis Institute. The university has programs in Engineering, Science, Psychology, Architecture, Business, Communications, Industrial Technology, Information Technology, Design and Law. The Institute of Design, Chicago-Kent College of Law, and Midwest College of Engineering were also merged into it.



**NorQuest College** is a public funded community college in

Edmonton, Alberta, Canada. NorQuest College is a member of the Alberta Rural Development Network. The college has two Edmonton campuses, main campus in downtown and Westmount, and three regional campuses, one in each of Drayton Valley, Wetaskiwin and Whitecourt.



**Ohio University** is the oldest university in

Ohio, the eighth oldest public university in the United States Ohio University offers more than 250 areas of undergraduate study in its five regional campuses. On the Graduate level, the university grants Master's degrees in many of its major academic divisions, and Doctoral degrees in selected departments. Ohio University is accredited by the Higher Learning Commission.



# INVITING ALL GAME CHANGERS

## Why MREI?

INDIAS PATH BREAKING EDUCATIONAL ENTITY

FROM ARTIFICIAL INTELLIGENCE TO SUSTAINABILITY TO SOCIAL PROGRESS, THE FUTURE IS FULL OF POSSIBILITIES - AND UNCERTAINTY. AS A GRADUATE HERE, YOU'RE UNIQUELY POSITIONED TO RISE TO THE CHALLENGE: DEEPLY CURIOUS, ALWAYS ENGAGED, AND BOLDLY DRIVEN TO MAKE THE WORLD BETTER. JOIN THE THOUGHT LEADERS AND EDUCATIONAL INNOVATORS, INVESTED IN THE FUTURE OF SOCIETY. THE PROGRAMME AND CLASS DESIGNS BRIDGE THEORY TO PRACTICE, PROVIDING A POWERFUL EDUCATIONAL EXPERIENCE. REALISE IT HERE AT MREI.



MANAV RACHNA UNIVERSITY  
International School of Management & Business  
INDIAN INSTITUTE OF MANAGEMENT  
AGILE

Xebia Academy

valuable software working software  
work together interactions individuals  
effective responding to change  
AGILE  
technical e

# ACADEMIC PARTNERS



**Microsoft Corporation (MS)** is an American multinational technology company. It is involved in development, manufacturing, licenses, supports and sells computer software, consumer electronics, personal computers, and related services. Its best-known software products are the Microsoft Windows line of operating systems, the Microsoft Office suite, and the Internet Explorer & Edge web browsers.

MRIRS and Microsoft have joined hands to introduce a new course(s) B.Tech. in CSE (Hons) with specialization in Artificial Intelligence and Machine Learning, Cloud Computing which are specialization program designed to better equip students with the next generation of technologies like building intelligent machines, domain knowledge in cloud architecture and IoT environments, software and applications with a cutting-edge combination of machine learning, cloud computing, analytics & visualization technologies.

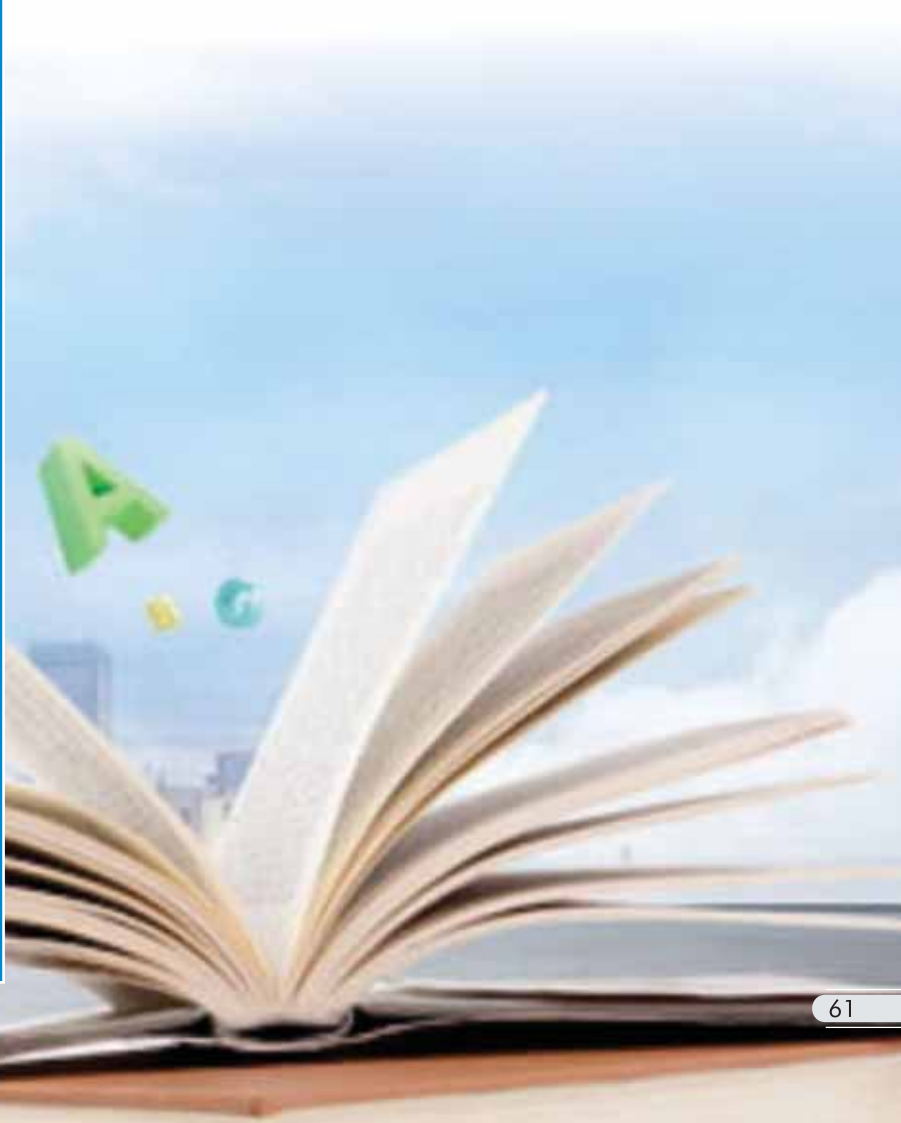
As per the partnership Microsoft will provide the university with knowledge expertise and training resources on cutting edge technologies leveraging on its decades of expertise in the field of computing. MRIRS students will be provided learning opportunities in real world work situations that will keep them abreast of the latest skills and knowledge of using Microsoft tools and resources. To adequately prepare themselves for the Industry qualifying students will be given the chance to participate in the technical activities, competition, internship and placements. The company's long-standing commitment towards a better-informed generation of talented workforce will be the basis of this collaboration.



**Computer Science & Technology Department, MRU** collaborated with Sofocle Labs. in the areas of enablement of Blockchain Learning and Ecosystem Development. A Blockchain Center of Excellence (CoE) will be set up at MRU campus with a vision to create Blockchain HUB in North India, acting as a center for deep & industry-focused learning, an incubator for new ideas. Sofocle will offer Blockchain courses for students and certification. Students will have access to remote Blockchain Lab and code repositories. Sofocle Labs will host Blockchain events, conferences, and Hackathons.



**ATMEL India University program** for sponsoring labs & organizing FDPs, events, workshops on ATMEGA 168PB and SAM D21 Microcontrollers.





IBM, a well-known multinational conglomerate having a turnover of more than US \$ 100 billion with Headquarters at New York, US, has tied up with MRIIRS to jointly offer B.Tech.-Computer Science & Engg. (Hons) with specialization in Digital Forensics & Cyber Security. IBM primarily having worldwide business in Computer Hardware/ Software, IT Services and IT Consulting shall provide LMS, Train the Teacher Programme, Student Projects, Expert Lectures, Industry connectivity for students and teachers to enable them to experience the live IT Environment. The arrangement shall help students to acquire domain skills in the most advanced areas of IT and preferential placements by IT companies. Students enrolled in this programme shall have access to an online Eco-system Platform namely Innovation Center for Open Standards enabling them to access course material, discussion forums, student projects, industry mentors and news-clips. IBM shall also issue certificates for various modules after their successful completion.



Xebia Computer Science & Technology Department offers B.Tech. Computer Science & Engineering with two specializations in Artificial Intelligence & Machine Learning and Cloud, DevOps & Automation, in collaboration with Xebia.

Xebia is a specialized global IT Consultancy and Services company focusing on Enterprise development, Agile development, DevOps, and Outsourcing services. The passion for in-depth technology in combination with Lean, Agile and Scrum practices are Xebia's driving factors and competitive edge. The curriculum and courseware for specific course modules of the specialized programs has been developed by Xebia. Xebia organizes tech talks, seminars and technical webinars by Industry experts to connect students' learning with industry trends. Xebia also provides Internship support and Placement opportunities for students within Xebia and Client-Partner network.



Truechip, the Verification IP specialist, is a leading provider of Design and Verification solutions- which help you, accelerate your design, lowering the cost and the risks associated with the development of your ASIC, FPGA and SOC. Truechip is a privately held company, with a global footprint and sales coverage across North America, Europe & Asia. Truechip has been serving customers since the last 10 years in VLSI with a strong and experienced leadership. Truechip provides industry's first 24x5 support model with specialization in VIP integration, customization & SOC Verification.

True Chip has tied up with the Department of Electronics and Communication Manav

Rachna University to jointly offer B.Tech. Electronics & Communication Engineering with specialization in VLSI Design & Verification. The company is also providing the Letter of Intent at the time of admission, Confirmed Employment Program for VLSI Design.



Sahai Research Labs is involved in promoting research and development of low cost and affordable healthcare devices and technologies. SAHAI RESEARCH LABS is a research focused organization committed to develop low cost healthcare products and technologies & aimed at transforming lives of poor & needy people across the globe. They work across the industry verticals in areas like IOT, FPGAs, Embedded Systems, High Level Synthesis etc.

Sahai Research Labs has collaborated with the Department of Electronics and Communication, Manav Rachna University to jointly offer Tech Electronics and Communication Engineering Hons. with Specialization in Healthcare Technology (developing medical electronic devices for healthcare support using AI/ ML etc)

The company will offer Entrepreneurship support through Patent and Startups, Stipend during prototype development, Certified industry internship, industry driven projects and and many more



Computer Science & Technology Department, MRU collaborated with Coding Ninjas to establish the Coding Ninjas' Center of Excellence for achieving organizational excellence in the field of Placement Preparation for Product-Based Companies. Center of Excellence is to increase awareness about the importance of Coding and Technical skills amongst the students. Students will get access to Videos, Notes, MCQ based and coding questions on LMS. Regular assessment will test the students' learning and 1-1 mentor support to clear their doubts and will also receive industry recognized certificates of completion and excellence after the completion of their course.



**Infineon:** A Memorandum of Understanding (MoU)

was signed between Manav Rachna International Institute of Research and Studies (MRIIRS) and Infineon Technologies Asia Pacific Pte. Ltd. to establish an 'Infineon Centre of Excellence' at the MRIIRS campus. The purpose of this collaboration is to work on multiple joint projects to nurture India's future generation of power electronics engineers and to enhance academic and industry co-operation.

This Centre will ensure hands-on practical exposure for the students and help them acquire the new technologies being practiced

in the semiconductor industry. Infineon is a world leader in semiconductor solutions that make life easier, safer and greener. This initiative shall provide a platform to students to enhance their skills and get access to world-class training. Selected students will be offered internships by Infineon Technologies. Students will be empowered through regular workshops and expert lectures on the semiconductor industry.



**Altair Centre of Excellence** is a joint venture of

Manav Rachna University, Design Tech and Altair. The centre aims to carry out R & D work by providing a software and cloud solutions in the areas of product development, high performance computing (HPC) and data intelligence. Altair Engineering Inc. global technology company that provides product design and engineering solutions, enterprise services and cloud computing. The centre provides exposure to both faculty members and students of MRU campus on latest developments in the field of simulation and optimisation of product design and structural analysis. The centre provides a lot of opportunities for students to carry out various projects and to flourish that, product design courses have been incorporated in the Undergraduate and Post Graduate curriculum of students.



**INTEL Internet of Things (IOT)** Manav Rachna

International Institute of Research and Studies is collaborating with Intel® Corporation for launching a B.Tech Program in Electronics and Communication Engg. (Hons) with specialization in Artificial Intelligence and Internet of Things. This Course provides an opportunity to the students to learn the insights to the most important technologies driving the modern world namely Artificial Intelligence and Internet of Things. Students will be given 360 degree exposure to various Intel Hardware and Software platforms that are used in Industry for AI and IoT development. In the IoT Space the students will get to learn about Intel Galileo, Intel Edison Boards along with other popular boards like Raspberry Pi and Arduino for designing IoT Systems.



**DAIKIN-** MREI

has recently collaborated with Daikin Air Conditioning India Pvt. Ltd. to set up a Centre of Excellence in Refrigeration & Air Conditioning. COE aims to provide requisite and skilled manpower to the Air Conditioning Sector. It will ensure hands on practical exposure for students & help them acquire the new technologies.







**Bombay Stock Exchange (BSE):** In pursuit of bringing the best education to its students, MREI have initiated a tie-up with BSE Institute, the education & training wing of Bombay Stock Exchange which is the oldest and the largest (in terms of companies listed & fastest stock exchange in the world) to offer both short term and medium term courses in the Finance space which are both skill as well as employment oriented. This will give the students of Manav Rachna an opportunity to gain from their invaluable wealth of knowledge and experience. BSE Institute also plans to invest not only in class room education but also in creating a lab with semi live data which will help students gain practical knowledge of the markets & online trading.



**Infosys:** Manav Rachna has been associated with Infosys since 2009 for training the students & faculty members under the purview of the Infosys Campus Connect Programme. Under this programme, Infosys certified faculty members conduct special modules for grooming and soft skills of graduates, as per the industry demand. Manav Rachna International University is offering a number of elective courses under the same flagship. Infosys has also sponsored faculty members for participation in international conferences.



**DELL DMC** has partnered for imparting Faculty Development Programmes/ workshops on latest trends of computer science especially in the field of storage area networks & related areas.



**HMSI-** The department of Automobile Engineering of Manav Rachna International Institute of Research and Studies in association with Honda Motorcycle and Scooter India Private Limited (HMSI) has opened centre for Automotive Training & Research. In this association HMSI will provide technology support to MRIIRS for setting up training and research infrastructure for MRIIRS students. This association provides a platform to students of Mechanical/ Automobile/ Electronics & Electrical branches to take up research projects in emerging areas in association with HMSI. This Automotive Training & Research will offer short-term courses for two-wheeler technicians and high-end courses for executives of HMSI. The offered courses will provide hands on training on servicing of two wheelers with their fault diagnosis and rectification. This will also update the frequently changing technological advancement in the auto sector of senior executives of HMSI and their associates. Research areas will be focused on improving efficiency of engines, alternative sources of energy with improved design features of vehicle and its components.



**Inter Continental Hotels Group (Crowne Plaza Hotels)** Manav Rachna International Institute of Research and Studies and Inter Continental Hotels Group (Crowne Plaza Hotels) have entered into an Academic Partnership to provide opportunities to the Hotel & Hospitality Administration students to build their hospitality skills and improve their employability. The MoU will open up exciting avenues for the students of B.Sc HHA for acquiring rare skills and finesse from senior professionals in a truly International Chain, IHG. Also the hotel brand is sure to benefit from creation of a talent pool possessing skills of exacting standards of this thriving industry.



**R-Systems-** MREI have signed a MoU with R Systems International Ltd. Noida. for enriching the technical education process by providing industrial training to the students and jointly work on research based industrial projects. R Systems, is a specialized IT Services & Solutions and IT-enabled Services provider catering to a wide range of global customers. The company provides software development and maintenance support to many of its prestigious clients & medium sized businesses.



**Ed Gate Technologies Pvt. Ltd., University**

Programme Partner of Texas Instruments (TI), India has signed an MOU with MRIIRS for setting up a joint Lab entitled "Texas Instruments Embedded System/ Microcontrollers" at MRIIRS premises. EdGate Technologies Pvt. Ltd. provide equipment and training material to set up the lab based on TI platform and to provide initial training and learning material to begin the instructions. EdGate Technologies Pvt. Ltd., will help the university to organize training programmes/tutorials, workshops & faculty development programmes in its premises for faculty members of MRIIRS (formerly MRIU) & other Engineering Institutions to teach topics related to TI platform.



**Trans Neuron Technologies: The Mechanical Engineering Department,**

Manav Rachna University has signed MoU with Trans Neuron Technologies for the Industrial Automation certification program for B. Tech Smart Manufacturing & automation students.

Trans Neuron is a Learn to Launch (L2L) Company, which aims to transform students & jobseekers into industry-ready professionals by providing them with adequate backing

to take that journey. It helps the youth to obtain industry-relevant certifications, by giving them an opportunity to try a hand at industry projects and internships. It provides 120 hrs modules of classroom session, lab sessions, webinar/seminar to smart manufacturing and automation students.



**Mitsubishi Electric India (MEI)- MEI set up an Advanced Automation (Factory Automation) Lab in the campus.** Through this lab, the students will get the opportunity to work on advanced IQR setup which is used for Automation in the Industries. Consequently, they will have better employability prospects & hence better careers.

Several workshops and FDPs on "Advanced Modular PLC", Servomotors & VFD", Process Control & SCADA systems have been organized in collaboration with Mitsubishi Electric India. So far, more than 500 students & faculty members have been benefitted from these activities. Industrial training in Factory Automation Lab (Centre of Excellence established by Mitsubhishi) is also being conducted for final year students to enhance their employability prospects. Our students actively participate in "Mitsubishi Electric Cup", a National level project competition held by Mitsubishi every year. The students and faculty members of MRIIRS have access to webinars conducted by Mitsubishi Electric India.



**Small Industries Development Bank of India**

(SIDBI) is an independent financial institution which aims to aid the growth and development of micro, small and medium-scale enterprises in India. In order to promote entrepreneurship among the post graduate students of management Manav Rachna University, SIDBI organized various events such as essay writing competition, debate & elocution competition.



**National Institute for Entrepreneurship and Small Business Development (NIESBUD)**

is a premier organization of the Ministry of Skill Development and Entrepreneurship, engaged in training, consultancy, research, etc. in order to promote entrepreneurship. The Department of Management & Commerce, Manav Rachna University has undergone various events for its faculty members and students, under the major activities of the NISBUD which are Training of Trainers, Management Development Programmes, Entrepreneurship-cum-Skill Development Programmes & Entrepreneurship Development Programmes.





**Motherson Sumi Infotech,** Manav Rachna University has linkages with Motherson Sumi Infotech Ltd. to work in the area of Business Process Management and Business intelligence.



**NSDC: Manav Rachna Educational Institutions (MREI)** has played a crucial linking role between NSDC, Swedish Industries and other Indian Private Universities. To make vocational education more effective, Kunskapsskolan Education Sweden (KED) and MREI are jointly implementing the unique KED program after necessary adaptation in State Government run schools in India. A pilot project to be run in the State of Haryana has been formalized. NSDC will facilitate and manage the implementation of this pilot through Haryana Schools Education Department.



**All India Management Association (AIMA)** MR Institutions are closely linked with AIMA and its Faridabad chapter (FMA). Faculty members attend various seminars, symposiums, conclaves and development programmes organized under the aegis of AIMA.



**National Entrepreneurship Network (NEN)** has collaboration for mentoring and guiding students for establishing startup companies. They conduct webinars, workshops and guest lecturers for sensitizing and developing entrepreneurial attitude among students and select e-leaders. NEN conducts faculty development programs for enhancing the capacity of faculty members in this area and trains them to become NEN certified mentors.



**ASDC: An MoU** has been signed between Manav Rachna Skill Development Centre & Automotive Skills Development Council (ASDC) to offer skill development training program for employment in Automotive Sector.



**NHRDN.** MBA students participate in various inter-college competitions and faculty members attend various workshops conducted by NHRDN. Executive committee members of NHRDN visit the campus and interact with MBA students.



**IPSC: MREI** has signed an MoU with the Indian Plumbing Skills Council (IPSC) to develop skilled manpower in the plumbing sector.



**SPEFL-SC, Sports, Physical Education, Fitness Leisure Skills Council (SPEFL-SC),** a skill development council for the Sports, Physical Education, Fitness & Leisure Sector, promoted by the Federation of Indian Chambers of Commerce & Industry (FICCI) and funded by the Government of India through National Skill Development Corporation (NSDC), enter into the agreement with FAS (MRIIRS) to offer skill development training programs for employment in Sports, Physical Education, Fitness & Leisure Industry Sector, for which both SPEFL-SC and MRIIRS shall deploy their core competencies. MRIIRS shall be Training Partner for conducting training programs, organizing the assessment & certification of Trainers and trainees from SPEFL-SC. Sports Skill Council has declared MRIIRS as its stand-alone centre in view of the facilities available for training.



**AWS: Computer Science & Technology Department,** MRU has adopted Cloud Computing curricula from the Amazon Web Services (AWS) Educate global initiative into its mainstream university syllabus to help develop the next generation of cloud professionals. The cloud computing content from AWS Educate has been offered as part of Bachelor of Technology (B.Tech.) in Computer Science and Engineering program, since 2020.



**Green Chemistry Network Centre MRU** has launched the Green Chemistry Network Centre (GCNC).

The programmes of GCNC emphasize the role of engineering professionals in the progression of Green Chemistry thereby offering reduction of waste materials and energy, which in turn will lead to cost reduction and improvement in profit margins. CSIO Chandigarh - Aspherical Optics Lab. Manav Rachna has research based collaboration for Design and development of Aspherical lenses for studying of interference phenomenon.



**CYPE MEP:** The Mechanical Engineering Department, Manav Rachna University has signed MoU with CYPE MEP (Mechanical, Electrical and Plumbing).

CYPE CAD MEP is a program for the design of the envelope, distribution and services of the building using an integrated 3D model with the various elements of the building. They are offering free license of Software for students and faculties and organize webinars in the areas of HVAC, green building etc.



**LSAC-Global Law School Alliance:** Faculty of Law has collaborated with the Law School Admission Council through LSAC-Global Law School Alliance, as a founding member.

The objectives of this alliance is to enhance academic quality right at the level of admissions & to forge academic partnership with renowned international law schools and affiliates. The academic partnership is directed to building capacity and enhance the learning experience of the students.



**Asian Institute of Medical Sciences:** Manav Rachna

University has collaborated with Asian Institute of Medical Sciences to provide internship and job opportunities to students of BBA Healthcare Management. The arrangement shall help students to acquire hands on learning and skills in quality control, patient service, marketing, Materials & Inventory control, Human Resource, IT, Finance, Front Office, pharmacy management etc of Hospitals. Students enrolled in this programme get practical exposure & real life learning in the hospital environment. Industry faculty experts provide support in review and upgradation of course curriculum and support in course delivery of specialization subjects. Students have access to course material, discussion forums, student projects, internship certification and support from industry mentors during internship. This collaboration results in students being industry ready which is the need of the hour, thereby adding value to students & the healthcare industry.



**Srijan Sanchar:** Department of Electronics and Communication, Manav Rachna University &

Srijan Sanchar have collaborated for research and industrial live projects in several domains of Electronics and communication. A Memorandum of Understanding was signed to offer the projects and Center of excellence at Manav Rachna University.

Srijan Sanchar provide support MANAV RACHNA UNIVERSITY to connect with Industries, entrepreneurs, Industry associations, and other institutions of learning's to collaborate on research projects and in setting up of Centers of Excellence and incubator. The objective of this association is to leverage the potential of research and design inputs to enable industry to move up the value chain through industry academia collaboration. A framework for facilitating industry academia interface for the department has been outlined with various research projects by Central Electronics Limited. Central Electronics Limited is a Govt. of India Enterprise under the Department of Scientific and Industrial Research (DSIR), Ministry of Science & Technology. CEL has developed several products for the first time in the country through its own R&D efforts and in close association with the premier National & International Laboratories including Defense Laboratories.





**National Council for Cement and Building Materials (NCCBM):**

MRU signed a MoU with National Council for Cement and Building Materials (NCCBM), Ballabgarh,. NCCBM is the premier body under the administrative control of the Ministry of Commerce and Industry, Govt. of India, for technology development, transfer, continuing education & industrial services for cement & construction industries. Collaboration covers submission of collaborative research projects, students training, FDPs, availability of Instrumentation facilities, Laboratory and Library facilities and other aspects of capacity building in order to bridge Industry-Academia gap.

NCB's areas of work span over the entire spectrum of cement manufacturing and usage - starting with geological exploration of raw materials through the processes, the machinery, the manufacturing aspects, energy and environmental considerations to the final utilization of materials in actual construction, condition monitoring & rehabilitation of buildings and structures



**Quick Heal:** Computer Science & Technology Department, MRU

offers B.Tech. Computer Science & Engineering with specialization in Cyber Security & Threat Intelligence, in collaboration with Quick Heal. Quick Heal is a leading provider of Security Software Products and

Solutions, under the widely-recognized brand names 'Quick Heal' and 'SEQRITE' across various operating systems and devices. With the growing use of computer and information technology in various aspects of daily life and at a point when there are growing concerns about cyber security, it is paramount that we wake up and take steps to protect cyber infrastructure and this is only possible through training in various domains of Cyber Security. The curriculum for specialization courses has been designed by Quick Heal. Cyber security experts from Quick Heal train the students on these courses, giving the exposure to real case studies in this domain. Quick Heal also supports students in Internship and Placement.



**IPRA:** Manav Rachna Centre for Peace and Sustainability has collaborated with Institute of Peace Research and Action

(IPRA), IPRA is the organization that is engaged in peace activities since last five decades. IPRA contributes in dissemination of knowledge in the area of peace, and has completed many successful projects and published books in the area of Sensitizing society on Peace. The have conducted seminars and organized peace lecture series involving faculty and staff of reputed organizations. The collaboration of MRU and IPRA will be for collaborative research and developmental projects National/ International Conferences/ Seminars jointly.



**ICT Academy:** Manav Rachna University has entered into Partnerships with ICT academy to enhance value and learning

experiences for students and enrichment of faculty. ICT Academy is an initiative of the Government of India in collaboration with the state Governments and Industries. ICT Academy is a not-for-profit society, the first of its kind pioneer venture under the Public-Private-Partnership (PPP) model that endeavours to train the higher education teachers and students thereby exercises on developing the next generation teachers and industry ready students. ICT Academy has been working through a seven pillar program in the areas of Faculty Development, Student Skill Development, Entrepreneurship Development, Youth Empowerment, Industry-Institute Interaction, Digital Empowerment and Research & Publications.

**Industry Bodies & Major Companies:**

Besides the above Corporates/ Institutions, MREI has strong linkages with various Industry Bodies like the Federation of Indian Chambers of Commerce (FICCI) and Software Giant TCS & many other renowned names. Various departments of MREI conduct a variety of Seminars, Conferences in association with these Organizations. This association results in huge value addition to our academic programmes.

# BEGIN YOUR CAREER

**Be future ready and prepared to step into your dream job when you graduate.**

INDUSTRY - ACADEMIA GAP REMAINS TO BE ONE OF THE MOST TALKED ABOUT FACTORS IN THE EMPLOYABILITY SCENARIO IN THE COUNTRY. MANAVRACHNA EDUCATIONAL INSTITUTIONS (MREI) NOT ONLY PROVIDES A WORLD OF OPPORTUNITIES TO STUDENTS, BUT ALSO AIMS AT EQUIPPING THEM WITH THE RIGHT BLEND OF SKILLS, TO ENCASH EVERY OPPORTUNITY THAT COMES THEIR WAY. CAREER DEVELOPMENT CENTRE AT MREI, ENGAGES WITH THE INDUSTRY AND CONSTANTLY STRIVES FOR EXPANDING THE INDUSTRY - ACADEMIA INTERFACE.



# OFFICE OF INTERNATIONAL AFFAIRS



**Col. Girish Kumar Sharma**

Executive Director - International Affairs  
B.A, M.Sc. in Strategy & Defense Studies, Business Administration  
MDI, Gurgaon  
Experience : 40 years

OIA is a constituent facilitation unit of Manav Rachna Educational Institutions (MREI) which primarily looks after all matters relating to initiation, development, establishment and sustenance of relationships and tie-ups with Foreign Education providers and their representatives in India and abroad. OIA provides a single window service facility to all its international students through the Office of International Affairs, OIE. With its global outlook and reach, MREI have much to offer in the way of learning opportunities both inside and outside the classroom at Doctoral, Post Graduate and Under Graduate level in a truly international environment. It aims to develop and sustain viable, strong and long term International relations in the field of education that will benefit the students. The major role of OIE is to enhance MREI's International image on a local and International Platform, explore new relationships, establish communications with International Educational organizations and providers and also explore avenues to attract students from abroad so as to truly live up to the Institution's international image.

## AT MREI, THE AREAS OF INTERNATIONAL COOPERATION INCLUDE:

- Student and Faculty Exchange,
- Online Classes, webinars, FDP's and online training by Eminent Professors of International universities
- Joint Research activities and consultancy Projects,
- Cooperation in Curriculum Development
- Twinning Programmes,
- International Training for students and faculty of MREI,
- Recruitment of International students,
- International Accreditations of MREI,
- Promotion and Branding of MREI at international level & other academic related activities.

The Office of International Affairs also endeavors to explore and develop potential Partners for joint ventures in India and Abroad. Besides, it arranges Foreign Faculty for Guest Lectures at MREI and tie ups for International Accreditations and Recognition. MREI has entered into partnerships and tie ups with various foreign universities and institutes across globe including USA, UK, Australia, Canada, Finland, New Zealand, Mexico, Turkey and many more.

We at MREI, realize it as our additional responsibility towards our International students as large numbers of foreign students join our University every year.

Keeping in view our responsibility and commitment towards International students, the International Students Welfare Committee has been set up. It is run by experienced professionals with a well-rounded global exposure to attend to foreign student's personal, administrative and academic matters/issues/problems in the University Campuses be it at the time of their induction, joining or thereafter during their stay at MREI.

The MREI authorities leave no stone unturned in developing and coordinating activities to create and enhance a globally aware & culturally diverse educational environment especially for the foreign students.

For further details, please log on to **website:**  
[www.manavrachna.edu.in](http://www.manavrachna.edu.in)



# DOCTOR OF PHILOSOPHY (MRIIRS)

Manav Rachna International Institute of Research & Studies invites On-Line Applications from eligible candidates for admission to Doctoral (Ph.D.) Programmes in Manav Rachna International Institute of Research & Studies, Faridabad 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

Applications are invited for Ph.D. programmes for session 2022-23 in following faculties:

- **Faculty of Engineering and Technology (FET):** Department of Physics, Department of Chemistry, Department of Mathematics, Department of Computer Sciences & Engineering, Department of Biotechnology Engineering, Department of Civil Engineering, Department of Mechanical Engineering, Department of Automobile Engineering, Department of Electronics & Communication Engineering, Department of Electronics & Electrical Engineering
- **Faculty of Computer Applications (FCA):** Department of Computer Applications
- **Faculty of Allied Health Sciences (FAHS):** Department of Physiotherapy, Department of Nutrition & Dietetics, Department of Biochemistry.

- **Faculty of Commerce & Business Studies (FCBS):** Department of Business Studies, Department of Commerce
- **Faculty of Dental Sciences (FDS):**, Department of Conservative Dentistry and Endodontics, Department of Oral & Maxillofacial Surgery, Department of Oral Pathology & Microbiology, Department of Prosthodontics, Department of Pediatric and Preventive Dentistry, Department of Periodontology, Department of Oral Medicine & Radiology, Department of Public Health Dentistry
- **Faculty of Media Studies & Humanities (FMeH):** Department of Journalism & Mass Communication, Department of English
- **Faculty of Management Studies (FMS):** Department of Management
- **Faculty of Behavioural & Social Sciences (FBSS):** Department of Applied Psychology, Department of Economics, Department of Social & Political Studies

## CRITERIA FOR ADMISSION

The admission to Ph.D. programmes would strictly be done on the basis of regulations contained in the Ph.D. Ordinance 8(C) of the Institute available on its website, which is in total conformity with the UGC new Regulations, 2016 for Awards of M. Phil/ Ph.D. Degree. An applicant possessing any of the following qualifications shall be eligible to apply for admission to a Ph.D. programme of the Institution:

- A Master's degree with not less than 55% marks in aggregate in Engineering including Biotech and Core Sciences/ Psychology/ Economics/ Media/ English/ Physiotherapy/ Commerce/ Management of a recognized Indian University, or a degree approved by Association of Indian Universities, or any other equivalent qualification to the satisfaction of Academic Council of the Institution.





## REGISTRATION PROCEDURE

- Online applications for joining the Ph.D. programme shall be submitted. All eligible candidates shall have to appear for Entrance Test (of 70 Marks) to be conducted by MRIIRS as per UGC new Regulations, 2016 for Awards of M.Phil/ Ph.D Degree. The syllabus for the entrance test shall consist of 50% of Research Methodology as Part-A and 50% shall be subject specific as Part-B. The entrance test shall be followed by an interview/ presentation carrying a weightage of 30 marks. Those applicants who are short listed based on the latest UGC notification of 50% pass marks in written and are found to be suitable shall appear before the DRC of the concerned department for judging the suitability of the research plan and availability of the supervisor.

The candidates who qualify UGC / CSIR (JRF) and UGC NET examination/foreign national will be exempted for the PhD Entrance Test. Candidates who have cleared coursework of M.Phil from any UGC approved University with at least 55% marks in aggregate may directly appear for interview to Ph.D. A person who's M.Phil. Dissertation has been evaluated and the viva voce is pending may be admitted to the Ph.D. programme of the same Institution.

A relaxation of 5% marks (from 50% to 45%) shall be allowed for the candidates belonging to SC/ST/OBC (Non Creamy Layers)/ Differently-abled Category in the entrance examination conducted by the Universities for Admission to Ph.D. programmes. The research plan shall be written in English in the specified format in accordance with the instructions contained in the Ph.D. Ordinance 8(B). In case of a suitable candidate, the DRC shall assign some specific topic as area of research found suitable. A candidate will ordinarily be allowed twice for such presentation before the DRC. A third attempt may be allowed only with the approval of the Vice Chancellor in special circumstances.

- The recommendations of the DRC regarding the research plan of the candidate and proposed supervisor(s) shall be put up in the meeting of the BOS for approval and for further submission to the Board of Faculty.
- While recommending approval of the Research Plan, the BOS/BOF will also recommend the research supervisor(s).



- After the recommendations of BOS/BOF of the research plan and the name(s) of the supervisor(s) of a candidate, the case shall be submitted to the concerned Academic Council for its approval through Council for Doctoral Program.
- After the approval of the Academic Council and the payment of fees prescribed by the Institution, a candidate shall be formally registered as a research scholar / student The Ph.D. tenure to be counted from the day of paying the fee provided his candidature gets subsequently gets approved by the Academic Council.
- A Research Scholar shall be required to renew his registration every semester / year and pay the fees in the manner prescribed by the Institution.
- Ph.D. Programme shall be for a minimum duration of three years, including course work and a maximum of six years.
- The women Candidate and persons with disability (more than 40%), in addition the women candidate may be provided maternity leave/ child care once in the entire duration of Ph.D. for up to 240 days."

For more rules and regulations concerning admission to Ph.D. programmes, the Ph.D. Ordinance No 8(C) of the MRIIRS may be referred to for additional information about research programmes and various faculties offering Ph.D. programmes at MRIIRS, please log on to <http://www.manavrachna.edu.in>

### Fees for Ph.D. Programme for Academic Session 2022-23 Indian National: (At the time of admission) Full Time Research Scholar

DESCRIPTION	AMOUNT IN Rs.	REMARKS
Registration Fee	25,000/-	One time, to be paid at the time of registration
Course Work Fee	45,000/-	One time, to be paid at the time registration.
Research Fee	70,000/-	Per annum, Rs. 35000/- to be paid at the time of registration and balance Rs. 35000/- with in 6 months from the date of registration.
Thesis Evaluation Fee	35,000/-	One time, to be paid at the time of submission of Thesis.

### Fee structure for Ph.D. admissions 2022-23 for NRIS/PIOs/Foreign students

Ph.D. Programs: Course Fee (One time) US \$790, Research Fee (Annual) US \$ 1800, Thesis Evaluation Fee (One time) US \$ 650. In year 4 and onwards, Research Fee payable on Semester basis @US \$ 900 till the date of final submission of Thesis.

For details on number of seats, eligibility, admission and registration process please visit our website <https://manavrachna.edu.in/international-institute-of-research-and-studies/admission-phd/>

# DOCTOR OF PHILOSOPHY (MRU)

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.

Applications are invited for Ph.D. programmes for session 2022 -23 in following schools:

- **School of Applied Sciences (SoA):** Department of Physics, Department of Chemistry, and Department of Mathematics
- **School of Engineering (SoE):** Department of Computer Science & Technology, Department of Electronics & Communication Engineering and Department of Mechanical Engineering.
- **School of Management & Commerce (SoM&C):** Department of Management & Commerce
- **School of Education & Humanities (SoE&H):** Department of Education & Humanities
- **School of Law (SoL):** Department of Law

## NUMBER OF SEATS AVAILABLE

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

Faculty Name	Department Name
School of Engineering	Computer Science and Technology
	Electronics & Communication Engineering
	Mechanical Engineering
School of Management & Commerce	Management and Commerce
School of Applied Sciences	Chemistry
	Physics
	Mathematics
School of Education & Humanities	Education & Humanities
School of Law	Law

## Duration of Ph.D. Programme

1. Minimum duration for submission of Ph.D. thesis is three years, including coursework and a maximum of six years.
2. Extension beyond the above limits will be governed by the competent authority of University.
3. 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 once in the entire duration of M. Phil/ Ph.D. as per the University Norms.



## CLASSIFICATION OF APPLICANTS

**1. Regular candidate:** Research Scholars other than sponsored/self financed and those in receipt of scholarship from other sources i.e. outside universities.

**2. Academic staff of the university/ constituent units:** Regular teachers and academic staff of Departments/Constituent Units who are allowed to register for Ph.D.

**3. 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 and are allowed to be registered for Ph.D. programme.

**4. Sponsored candidates:** The candidates sponsored by an organization/ institution/ university, which fulfils eligibility qualifications and are allowed to register for Ph.D. programme.

**5. 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 (70 Marks) of 90 minutes duration (MCQs) followed by Interview (30 Marks).

**The written test shall comprise two sections of equal weightages:**

- Section A - Research Methodology and Aptitude (Logical Reasoning, Analytical Reasoning, Numerical Ability, Statistics).
- Section B - 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.

### Eligibility for Ph.D. Programmes

The admission to the Ph.D. programme would strictly be done on the basis of UGC M.Phil/Ph.D. Regulations 2016 and subsequent amendments dated 27th August and 16th October 2018. 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 Regulation, 2016.
- Candidates possessing a Degree considered equivalent to M.Phil. Degree of an Indian Institution, from a Foreign Educational Institution accredited by an Assessment & 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 for pre-determined intake under each School.
- 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).
- 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.
- Research assistantship of INR 18000-24000/- P.M. shall be awarded to meritorious scholars.

### Fees for Ph.D. Programme for Academic Session 2022-23 Indian National: (At the time of admission) Full Time Research Scholar

DESCRIPTION	AMOUNT IN Rs.	REMARKS
Registration Fee	25,000/-	One time, to be paid at the time of registration
Course Work Fee	35,000/-	One time, to be paid at the time registration.
Semester Fee	35,000/-	To be paid while registering in the beginning of every semester
Thesis Evaluation Fee	35,000/-	One time, to be paid at the time of submission of Thesis.

### Fee structure for Ph.D. admissions 2022-23 for NRIS/PIOs/Foreign students

Ph.D. Programs: Course Fee (One time) US \$650, Research Fee (Annual) US \$ 1800, Thesis Evaluation Fee (One time) US \$ 650. In year 3 and onwards, Research Fee payable on Semester basis @US \$ 900 till the date of final submission of Thesis.

For details on number of seats, eligibility, admission and registration process please visit our website <https://manavrachna.edu.in/course/ph-d-mru/>

# RADIO MANAV RACHNA 107.8 FM

**Community Radio Station:** Radio Manav Rachna 107.8 FM - "Feel good Feel live", is a 24X7 Community Radio Station powered by 'Manav Rachna Vidyanatariksha'. Radio Manav Rachna (RMR) is dedicated to community service and is the voice of the community that serves with thoughtful and insightful programming. The programming of the radio station is sensitive to the needs and problems of the Community.

Being the first and only Radio Station in Faridabad covering approximately 25 kms aerial (Faridabad and Ballabgarh) Radio Manav Rachna 107.8 has a reach of mix population of Faridabad comprising of Urban, Semi urban and Rural population. Radio engages with the community on a daily basis, creating an emotional and imaginative bond with listeners. Now after completing more than a decade (established in 2009) Radio Manav Rachna 107.8 FM, has made a prominent place in the heart of listeners with choicest content rich programs which are socially relevant and believes in bringing a positive change in the lives of the listeners.

Health awareness is one of the prime focus areas. Doctors, Gynecologists and various para medical experts are invited for health related programmes. Being a Community Radio a lot of emphasis is also given on social issues like Drug addiction, Anti-tobacco, Road safety, Environment, Sanitation, Women Empowerment, judiciary, Mental health, Counseling, Water Conservation, Blood donation, Education, Skill development, Smart city and many more. Presently during the time of pandemic- Covid 19 various awareness programmes to fight against corona, Plasma



**Dr. Gurjeet Kaur Chawla**  
Professor- Nutrition & Dietetics-  
FAHS, Dean Students Welfare and  
Director, Radio Manav Rachna  
107.8 FM  
Ph.D., M.Sc., MBA





donation, Corona Warriors have been taken up to sensitize the community. RMR is also a media partner for plasma donation with district administration. Various community development programs and projects have been taken up to spread awareness in Association with local administration Government and International organizations like Ministry of Central Health, Ministry of Ayush, Commonwealth Educational Media Centre for Asia and UNICEF to address community at large.

Radio Manav Rachna also strikes a unique chord with the youth and senior citizens as RMR understand their aspirations, dilemmas, challenges; they are often part of the bustling radio station and are interviewed on topics which are relevant and important to them. Many spiritually awakened community members are invited to discuss elements of divine awareness and better life. Working on a format of Infotainment different programs on career counseling, parenting, culture and heritage, research and innovation, spirituality, sports, fitness, relationships etc are regular features of RMR broadcast. Every year a campaign is taken up by RMR on its foundation day which is carried the whole year to spread awareness. Many concerns have been addressed by such campaigns like Cancer Awareness, Tobacco Eradication, Women's health & Sanitation,

Save Energy, Pollution, Swachhta Abhiyaan, Literacy for all, celebrating the work of unsung heroes of society and many more. Radio Manav Rachna 107.8 FM is also working very closely with various Government organizations in disseminating information to the local masses through their promos/ jingles. Radio receives the information to be disseminated and as per the protocol information is broadcast in its various verticals of programmes like Education, Industry, Technology, Innovation, Administration, Life Skills, Culture and Heritage, Travel, Women Empowerment Counseling and many more during the day for public welfare. For Example programmes with

1. Vikaspedia and Centre for Development of Advanced Computing, a premier R&D Organization under Ministry of Electronics and Information Technology (MeitY), Govt of India on Atam Nirbhar Bharat.
2. Community Radio Association, Ministry of Information and Broadcasting on Girl Education, a Room to Read Programme
3. National Small Industries Corporation (NSIC) on Business Hour,
4. Corporation Bank on Finance Mantra,
5. NGO - REACH on T.B. Jaanlewa nahi, Jaankaari hai bachaav & Sahi Poshan, Desh Roshan,

6. NSCTC, Department of Science and Technology, Govt. of India on Nayi Zindagi Nayi Dishayein (Women Health).

7. DAVP advertisements regarding Government Programme and Policies

8. Niti Aayog for awareness programme on Corona, Dengue, Malaria

9. FIT India movement for promoting Healthy Life

10. Regional Weather Forecasting Centre, Meteorological Department, India for Weather Forecasting

11. Faridabad Education Council for Teachers on Call Programme

12. Faridabad Administration regarding Plasma donation during COVID 19

13. BBC for various community programmes

14. Petroleum Conservation Research Association, Ministry of Petroleum & Natural Gas, Government of India for Energy Conservation Awareness

15. Cancer Awareness programmes with Indian Cancer Society

16. SMe schemes for Small, medium and micro enterprise

With a state of the art, energy enthusing colorful interiors and studios, RMR has spread its wings on the digital platform also by its YouTube channel "MR Infoline". This Channel further provides an added advantage to reach all seamlessly 24/7 on the web.

# CORPORATE RESOURCE & CAREER DEVELOPMENT CENTRE



Ms. Rakhi Pruthi  
Head - Corporate Resource Centre

## CAREER DEVELOPMENT CENTRE

Industry - Academia gap remains to be one of the most talked about factors in the employability scenario in the country. Manav Rachna Educational Institutions (MREI) not only provides a world of opportunities to students, but also aims at equipping them with the right blend of skills, to encash every opportunity that comes their way. Career Development Centre at MREI, engages with the industry and constantly strives for expanding the industry-academia interface. MREI is accorded with the profound responsibility of enhancing employability skills of the students - an aspect that in today's world has taken as much prominence as the technical knowhow. Through a robust mechanism we impart training in Personality Development, Communication & Soft Skills, Verbal Ability, Quantitative & Reasoning Aptitude, spread across semesters, as an embedded part of every course available at MREI.

At MREI, living by the philosophy of "Nurturing Young Minds", we firmly believe that it is both our duty and privilege to harness the unleashed potential of our youth capital to enable them to discover and foster their talent.

## INTERNSHIP AND PLACEMENTS AUTOMATION PLATFORM-SUPERSET

Superset platform is designed specifically to cater to sophisticated placement needs. It helps:

- Streamline Internship and Placements end-to-end: collect error-free/verified student data, automate SMS-email-mobile communication, automate eligibility criteria, easy student applications, manage shortlists, track attendance, policy enforcement, offer management, surveys, calendar, Android + iOS app

## ASSESSMENTS & PREPARATION FOR PLACEMENT

CDC has also tied up with leading skills assessment platforms to foster detailed Training Need Analysis of the students. These assessments evaluate students on various

## EMPLOYABILITY TRAINING

employability skills. Crash courses and industry specific trainings are conducted before the start of the placement season so that the students are better equipped to handle placement opportunities.



## CORPORATE RESOURCE CENTRE

CRC facilitates all the campus placement activities through its robust placement automation platform Superset.

Superset platform is designed specifically to cater to sophisticated placement needs. It helps:

Streamline Placements end-to-end: collect error-free/verified student data, automate SMS-email-mobile communication, automate eligibility criteria, easy student applications, manage shortlists, track attendance, policy enforcement, offer management, surveys, calendar, Android + iOS app

With the help of the superset portal, CRC maintains the students' records of Higher Studies, Internship, Value addition certification and Entrepreneurship".

Trade, migration, technology & urbanization have completely changed the global employment scenario. The macro - economic environment continues to be challenged due to technological disruption. Today's skills are becoming history in no time. Hence the issue of employability in this country has become a national epidemic and gained gigantic proportions. While 250 million youth shall join the job market in the next decade demanding very different skill sets.

Corporate Resource Centre at MREI engages with Corporates and enables students in fulfilling their dream to get a job offer through campus placements. The centre offers excellent infrastructure supports at every stage of the placement processes in arranging pre-placement talks, written test, group discussion, interviews etc.





CRC manages ongoing relationships with leading Corporates to provide guidance on latest trends, and employment & training opportunities through Industrial visits, Industrial training & corporate lectures etc.

- 600+ patrons from reputed MNC's and Indian corporate
- 900+ offers have been made to Manav Rachna students of 2017-21 batch So far

## OUR PROMINENT RECRUITERS



## SECURING FUTURE. ENSURING GROWTH.

Student Name	Branch	Company name	Package	College	Batch	
HARSHIT AGARWAL	CSE		Rs 32.00 LPA	MRU	2021	
SHREYA	CSE		Rs 32.00 LPA	MRU	2022	
VAIBHAV DAGAR	CSE		Rs 22.00 LPA	FET	2022	
VINAYAK KUMAR	CSE		Rs 23.00 LPA	MRU	2019	
SOHAIL MADAN	B.Sc. IT		Rs16.50 LPA	FCA	2020	
INDERPREET SINGH	CSE		Rs 16.00 LPA	FET	2017	
T AMARENTERAN	CSE		Rs 15.15 LPA	FET	2016	
VIVEK KUMAR	CSE		Rs 15.00 LPA	FET	2019	
SOMYA DWIVEDI	CSE		Rs 15.00 LPA	FET	2020	
PRASHANT TANWAR	ECE		Rs 13.67 LPA	FET	2017	
NAVEEN KUMAR GUPTA	ECE		Rs 12.73 LPA	MRCE	2017	

# MRIIRS STUDENT TESTIMONIALS (2021 BATCH)



**Dikshank Malhotra**  
B.Tech. ME - MRIIRS  
Placed In: Cognizant

I am grateful to both the faculty and the Training & Placement Department. They've made efforts ensuring maximum number of placed students. The university started grooming us for placements in the first few months including courses such as Professional Excellence Program and Professional Skills Enhancement. I was completely confident & cracked the aptitude and technical tests and interview rounds due to the mock tests & interviews conducted by the Training & Placement Department and our faculty members. Manav Rachna International University provides a great platform for skills enhancement and to get a great learning experience.



**Umesh Kaushik**  
B.Tech. CSE-MRIIRS  
Placed in: Cognizant AND TCS

Testimony and Experience with MREI: Manav Rachna International University is a place where you can find an amalgamation of learning. I feel great studying at Manav Rachna International University as it gives great opportunity as well as support from faculties and placement officers. The entire faculty and department leave no stone unturned to shape one's future. My four years at Manav Rachna have been a wonderful experience of learning with prolific exposure to outside. Huge respect, love and devotion for entire faculty members and department. Overall it was a great experience and lifetime memory at Manav Rachna.



**Lakshay Gupta**  
B.Tech. ME-MRIIRS  
Placed In: Sonalika International Tractors Limited

[It was my immense luck and fortune to be the part of Manav Rachna International Institute of Research and Studies where I can grow. The entire faculty and department leaves no stone unturned to shape one's future. My four years of B-Tech. at MRIIRS have been a wonderful experience of Holding lot of Unforgettable Memories of my life. Huge respect, love and devotion for entire faculty members and department. It's their efforts that make me to count myself into better professionals.

"Hardwork never Vain"



**Harsh Verma**  
B.Tech. CSE- MRIIRS  
Placed In - Coforge

The faculty is very cooperative making the campus environment is very positive. The CRC and the placement coordinators continuously provide assistance regarding the placement. The CRC has made the best efforts to provide all the facilities for their students that could help them in achieving their dreams. I thank CRC for bringing me such a wonderful opportunity.



**Dheeraj Kashyap**  
B.Tech. Automobile-MRIIRS  
Placed In - TCS

I feel blessed to have such a good offer even in this pandemic situation. Thanks to faculty of the university who always motivated me and CRC team for preparing us with aptitude and mock interviews.



**Sankalp**  
B.Tech. CSE -MRIIRS  
Placed In: Coforge

My experience with CRC as a whole has been great. With regard to helpful mentorship that assisted me at every point. Its amazing to apply for jobs in many industry leading firms just from one place. And we can't even fathom the amount of leg work goes into it behind the scenes that was made possible by our CRC department. So thank you for guiding me through this.



**Sachin Kumar**  
B.Tech. ECE- MRIIRS  
Placed in : Cognizant

Testimony: I am very much happy with my offer. The Placement Cell has really helped me throughout the placement process. They were very much supportive of the students and even provided us with very effective study materials to prepare us for the placements. It is because of my Parents, amazing support from my Department and the Placement Cell that I am successfully placed today.



**Jitesh Chawla**  
B.Tech. ECE-MRIIRS  
Placed In: Coforge

4 years at Manav Rachna have given me memories to cherish for lifetime. It gives me great pleasure to have experienced one of the finest sources of learning & opportunities. I am thankful to all my faculty members, my mentors and entire team of CRC to have backed me while I face the world.



**Rishabh Monga (FET, CSE MRIIRS (BCSF) B.Tech. CSE-MRIIRS Placed in : (Coforge (NIIT Technologies))**

Good evening mam! It's been an honour to be a part of manav rachna institute. Each faculty is very supportive and placement cell is remarkable, we are provided with different opportunities during this lockdown process and i am very proud to be a part of this institution.

Thank you to each and every faculty for their support and guidance.



**Subham**  
B.Tech. CSE- MRIIRS  
Placed In: Coforge Limited

With respect, I want to say that the experience with the CRC department is nice. They always provide valuable information to the students. So, personally, I'm satisfied with the CRC department's functionality.



**Aadarsh Kumar**  
B.Tech. CSE-MRIIRS  
Placed in- Capgemini

It was a great time with Manav Rachna with some unforgettable memories.

I would like to thank Manav Rachna Placement Cell which has helped me to achieve the job I deserve and for their continuous support.

My sincere thanks to all the Faculty members of FET for their guidance without them it wouldn't be possible for me to achieve this job. They have endured me with a lifelong career excellence. Thanks once again for placing me well in Capgemini.



**Prince**  
B.Tech. CSE- MRIIRS  
Placed in: Lido Learning

My experience with CRC has been great and they provided with multiple opportunities even in these tough times. Finally, I landed a job in Lido Learning with a great package all thanks to CRC.





**Gauri Bhadula**  
B.Tech. ECE - MRIIRS  
Placed In: Lido Learnig

I would like to give the credit of my placement to MRIIRS and CRC department, as it is through their various year-long dedicated efforts that I have been placed at the LIDO with a good package, even during the time of global pandemic where many qualified individuals got fired.



**Varun Danwani**  
B.Tech. CSE-MRIIRS  
Placed In: Coforge

My experience with CRC Manav Rachna proved to be amazing.

Teachers and mentors were helpful and warm which made the tense process of placement so fluid and led me to be placed at Coforge

I would like to thank the CRC department and all its members for such a great well managed placement drive.



**Aniket**  
B.Tech. CSE-MRIIRS  
Placed in: Craterzone Pvt. Ltd. - Noida, Delhi

I am placed at Craterzone, great experience from the placement department

who have helped me to reach at this stage. Please find the attached photograph for your reference.



**Avnish Sharma**  
B.Tech. CSE-MRIIRS  
Placed In: TCS

Testimony: CRC has helped the students during this pandemic by bringing in many renowned companies

to the campus placement and they have helped the students with preparation with regards to how to crack the placement tests and interviews.



**Nilofer Bano**  
B.Tech. (Biotechnology)  
Company Placed: Healthians

I would like to thank Manav Rachna and all faculties of Biotechnology

Department for their constant support and guidance. I am highly thankful to the college for providing me the opportunity to show my talent and boost my confidence. I would like to thank Manav Rachna CRC placement department for giving me this wonderful opportunity. I am very grateful to them for effectively and sincerely helping me to grab first ever opportunity. Finally I have just got a placement in Healthians.



**Drishti**  
B.Tech. (Biotechnology)  
Company Placed: Healthians

Manav Rachna has played very crucial role in developing me as a person. I have grown

professionally and personally here. CRC team has been very helpful in achieving our goals, I got placed in Jaro earlier this year and this is my second placement.



**Anoushka**  
B.Tech. (Biotechnology)  
Company Placed: Healthians

It is an immense pleasure and fortune to be a part of this institution where one

can find amalgamation of learning. I feel great studying in Manav Rachna International Institute of Research and Studies as it gives great opportunities to young minds. I personally want to thank my Biotechnology faculty for inculcating knowledge and skills and making me capable for this opportunity.



**Muskan Kumar**  
B.Tech. (biotechnology)  
Company Placed: Healthians

Manav rachna is the best university in every aspect

I m absolutely satisfied with each resource of university because of faculty members as all the faculty is very supportive and give their 100% in every aspect so that we can learn new things.

Good placements are offered to everyone, Infrastructure and everything of manav rachna is very good and has all types of sports and extracurricular activities.

Our Department of biotechnology has a wide range of laboratories namely Cell Biology Lab, Microbiology Lab, Fermentation Technology Lab, Molecular Biology Lab, Environment Biotechnology Lab, Bioinformatics equipped with world class instrument facilities like HPLC, Atomic Absorption Spectroscopy, IR Spectroscopy, Fermenters, Gel Doc System, PCR, etc. A state-of art research level laboratory has been recently established as 'Molecular Biosciences Research Lab'. major instruments like CO2 incubator, fluorescence microscope, deep freezer, fume hood etc.



**Kanika Mittal**  
B.Tech. (Biotechnology)  
Company Placed: Healthians

It was My immense luck and fortune to be a part of manav rachna. It helped me a lot to grow

in these 4 years. The entire faculty and department is so supportive that they help students a lot to achieve their goals. It has been a wonderful experience of learning With prolific exposure.



**Zimsha**  
B.Tech. (Biotechnology)  
Company Placed: Healthians

Manav Rachna made me a better person academically as well as

culturally. My sincere gratitude towards the placement cell as they gave me numerous opportunities I got placed earlier in Lido and now in Healthians I would like to thank Manav Rachna and CRC for giving me such opportunities and helping in the betterment of my career.



**Devyanshi Agrawal**  
M.Sc. N&D  
Company Placed: Healthians

I am happy to say that I got placed at "Healthians" as a

Health Adviser. It happened by the most valuable support from the placement cell of MRIIRS, and from my faculty member. I am thankful to placement team. My 2 years of masters in Nutrition and Dietetics at MRIIRS is one of the best experiences ever.



**Riya Nandra**  
M.Sc. N&D  
Company Placed: Healthians

It is my immense luck and fortune to be the part of manav rachna

international university where I can grow. The entire faculty and department leaves no stone unturned to shape one's future. My four years at manav rachna international university have been a wonderful experience of learning with prolific exposure. I have established my leadership, time management and team skills and have also been able to advance these skills to the whole new augment level and also a great contributor to the development of my personality.



**Garima Bansal**  
M.Sc. N&D  
Company Placed: Healthians

It was my immense luck and fortune to be part of Manav Rachna

where I can grow. The entire faculty and department leaves no stone unturned to shape One's future. My 5 years at Manav Rachna have been a wonderful experience of learning. The infrastructure of Manav Rachna is one of the finest in the NCR. I am thankful to all the members of Faculty, Mentors for their help to enhance my academic & Interpersonal skills. I am also thankful to placement team for their support and encouragement.

**Rachit Chug**

My four years at Manav Rachna institute of research and studies have been excellent and a memory to cherish for a lifetime. Regular classes held at

our college to help us with our aptitude and technical skills were of great help. I would like to appreciate the placement cell at Manav Rachna for the efforts they made for providing a fair and ample amount of chances to us students. Due to the efforts made by the faculty and placement cell at Manav Rachna institute of research and studies, I was able to bag a job in the second company that I applied for. I have received three offer letters. Our placement officers also guided and encouraged us at each step thereby helping me secure my placement at such a reputed company.

**Nikhil Wadhwa  
Placed In: INFOGAIN & WIPRO**

Starting my degree at MRIIRS was a wise decision I made. My 4 years at the institute were filled with lifelong

memories to cherish and in every aspect to improve me in person. With the support of the professors and faculty members, I built a great knowledge in technical ability and the exposure provided in technical and non-technical events reinforced my skills and helped me grow as a person. So I think I made a good decision on joining the institute. I would be very thankful to the mentors and faculty who helped me get placed in the brand company.

**Mohak Chutani  
Placed In: Big Oh Notation**

Starting my degree at MRIIRS was a wise decision I made. My 4 years at the institute filled with lifelong

memories to cherish and in every aspect to improve myself in person. With the support of the professors and faculty members I built a great knowledge in technical ability and the exposure provided in technical and non-technical events reinforced my skills and helped me grow as a person. So I think I made a good decision on joining the institute. I would be very thankful to the mentors and faculties those who helped me getting placed in the brand company.

**Rohan Virmani  
MRIIRS**

My experience at Manav Rachna International Institute of Research and Studies is great and memorable. The

mentors at University helped me to enhance my academic and interpersonal skills. I am thankful to CRC Department for providing a platform to enhance my skills and an opportunity to showcase them. Your dedication and professionalism for your students is outstanding. The way you provide Facilities to students to enhance their skills is mind blowing.

**Sarvesh Arora, MRIIRS**

My 3.5 years at Manav Rachna institute of research & studies have been excellent and a memory to cherish for a lifetime. Regular classes held at our

college to help us with our aptitude and technical skills were of great help. I would like to appreciate the placement cell at Manav Rachna for the efforts they made for providing a fair & ample amount of chances to us students. Due to the efforts made by the faculty and placement cell at Manav Rachna institute of research and studies, I was able to bag a job. Our placement officers also guided and encouraged us at each step thereby helping me secure my placement at such a reputed company.

**Sonu Kumar  
Placed In: E-Ashwa Pvt. Ltd.**

"It was a great experience studying at MRIIRS, a memory to cherish for a lifetime.

I am thankful to the Training & Placement cell for providing a platform to enhance my skills and an opportunity to showcase them.

My four years at Manav Rachna have been a wonderful experience of learning with prolific exposure to the outside.

Huge respect, love, and devotion for entire faculty members and department. It's their efforts that make me count myself into better professionals."

**Priyanka Singh  
B.Tech. Biotech  
Placed In: Planet Spark**

My four years at Manav rachna international institute of research and studies were great and

a memory to cherish for lifetime. It was full of learning and grooming oneself. It gave me an opportunity to meet different kind of people and learned many skills I am thankful to all the faculties, mentors and entire SET as well as placement cell for providing me this opportunity to grab the placement from college campus, they encouraged and supported me to get a great package .Overall it was a great experience and lifetime memory at Manav rachna university.

**Aditya  
Placed In: Coforge**

My four years at Manav Rachna international institute of research and studies have been excellent and a memory to cherish for a lifetime. Regular classes held at

our college to help us with our aptitude and technical skills were of great help. I would like to appreciate the placement cell at Manav Rachna for the efforts they made for providing a fair and ample amount of chances to us students. Due to the efforts made by the faculty and placement cell at Manav Rachna institute of research and studies, I was able to bag a job in the second company that I applied for. Our placement officers also guided and encouraged us at each step thereby helping me secure my placement at such a reputed company.

**Dhruv Agghi  
Placed In: Caggemini**

It was a great experience studying at Manav Rachna International University, a memory to cherish for lifetime. My

experience at Manav Rachna was full of learning and grooming. I am thankful to all the faculties, mentors and entire department for providing us with quality education. I am also grateful to CRC department for organising placements in this pandemic and helping me to get placed. Overall it was a great experience.

**Sunit Basak, Placed In: Caggemini, Wipro**

My four years at Manav Rachna institute of research and studies have been excellent & a memory to cherish for a lifetime. Regular classes held at our college to

help us with our aptitude and technical skills were of great help. I would like to appreciate the placement cell at Manav Rachna for the efforts they made for providing a fair and ample amount of chances to us students. Due to the efforts made by the faculty and placement cell at Manav Rachna institute of research and studies, I was able to bag a job in the second company that I applied for. Our placement officers also guided & encouraged us at each step thereby helping me secure my placement at such a reputed company.

I have emerged as a new individual. All Thanks to my Mentors Faculty Members and Placement Team.

**Shobhit Jindal  
Placed In: Accenture**

**Testimony:** My 4 years of Engineering at Manav Rachna Institute of Research and Studies have been the unforgettable days of my life. It was a time that

made me learn how to deal with challenges and prepared me for the outside world.

Every student aims to get an opportunity to start their career with a reputed organization and hone up their skills. I am very thankful to the placement cell of Manav Rachna for their continuous support. Their guided content to hone up my technical and soft skills that helped me ace in the placement drive at Accenture, and finally, grab the position. There was never a communication gap as information was communicated systematically. Their constant efforts and staunch support motivated me to push beyond my boundaries and become a better version of myself.

**Nidhi Singh, Placed In: Jaro education**

Thank you CRC team. Your dedication and professionalism for your students are truly remarkable, My 5 years at manav rachna international institute of

Research and studies have been excellent. Due to the effort made by the faculty and placement cell at manav rachna I was able to bag a job in jaro education that i applied for thank you so much for your incredible help in arranging the class. My gratitude to you for all faculty members & CRC team for all you have done which i will never forget.

# MRU STUDENT TESTIMONIALS (2021 BATCH)



**Vikas Verma**  
B.Tech. CSE-MRU  
Company Placed In- TCS

I want to thank rakhi mam, priya mam, hanu mam, gaganjot mam, nikita mam, anup sir, mithun sir and all other crc members who are very much enthusiastic and are dedicated to conduct placement drives in the campus. I want to thank each one of them for giving me this golden opportunity to get a placement in one of the renowned MNC which would help me boost my career.



**Deepak Bhardwaj**  
B.Tech. CSE-MRU  
Placed In: TCS and Nagarro

I would like to thank Manav Rachna Placement Cell which has helped me to achieve the job I deserve and has tie-up with many renowned corporates that offer us to grow. The teachers have helped a lot in preparing us as per the demands of the industry. MR is the place which helps you to develop your own personality. Thanks once again for placing me well in TCS & Nagarro.



**Palak Bansal**  
B.Tech. CS -MRU  
Placed In: Capgemini

Testimony: I am very pleased with my offer. The CRC has really helped me throughout the placement process. They were very much supportive of the students and even provided us with very effective study materials to prepare us for the placements. It is because of the CRC that I am successfully placed today. CRC has made the best efforts to provide all the facilities for their students that could help them achieve their dreams even in such difficult times.



**Abhishek Pandey**  
B.Tech. ME: MRU  
Placed In: Jaro Education

It was a wonderful experience, we got great opportunities. We were given proper guidelines and learning. Time to time reminders were given. Overall it was a smooth and successful journey for me.



**Nandini Chauhan**  
B.Tech. CSE-MRU  
Placed In- Lido Learning

The CRC Department has been of great help as they have provided opportunities that will help build our careers. The faculty has been of great help, guiding us through the process and motivating us to always give our best, preparing us for all the hurdles that we had to face and always showing the right path to us.

I have attached below a passport size photo of me.



**Rajneesh Chaturvedi**  
B.Tech. CSE-MRU  
Placed in - Capgemini

It was an awesome experience with CRC. CRC team stood with us in all the ups and downs during pandemic.

It was the great support provided by the CRC and had major role in our placement. Thank you CRC



**Ridhi Sethi**  
B.Tech. CSE- MRU  
Placed In: Tata Consultancy Service

It was nice being guided by our CRC team. Every teacher was giving proper updates. The CRC team played a very important role in placing me in such a big firm. They guided me on each step and gave counselling too. I got great support from the CRC Team. In short it was a great experience for me.



**Parth Sethi**  
B.Tech CSE, MRU  
Placed In: Navisite

A hearty thanks to all my teachers, HOD ma'am and CDC Department For supporting me throughout this journey, the whole process of placements was a huge roller coaster and there were rejections which taught me a lot and helped me to excel placements.

Thank You Manav Rachna



**Vikas Pandey**  
B.Tech CSE, MRU  
Placed In: Navisite

With an immense pleasure, I would like to thank the whole CRC team for continuous support during the placement season. With their best wishes and guidance, I successfully achieved an offer from Navisite. It would not have been possible, if it weren't for CRC department who got the companies to conduct a virtual placement drive for the students of our college.

The CRC department left no stone unturned in helping the students prepare for placements and interviews. The Online Pre-Placement Training (OPPT) was really helpful and it motivated me prepare even harder. Mock interviews were the best part. Those interviews really helped in improving my soft skills and boosting up my confidence to face real interviews. I know that it was not only for this interview, rather it would help me a lot in Upcoming challenges in my career.



**Shubham Kumar Jha**  
Placed In: Coforge

My B.Tech at Manav Rachna University have been excellent and a memory to cherish for a lifetime. Regular classes held at our college to help us with our aptitude and technical skills were of great help. I would like to appreciate the placement cell at Manav Rachna for the efforts they made for providing a fair and ample amount of chances to us students. Due to the efforts made by the faculty and placement cell at Manav Rachna, I was able to bag a job that I applied for. Our placement officers also guided and encouraged us at each step thereby helping me secure my placement at such a reputed company. I have emerged as a new individual.



**Neeraj Dwivedi**  
Placed In: cloudsufi, Tcs

My last four years in Manav rachna were amazing. I learnt alot in my four years span apart from academics too. The faculty were always very supportive and guided me throughout my journey, they even supported my emotionally.

The CRC staff was very helpful and cooperative it helped whenever I was stuck. Its regular technical, soft skills and aptitude exams, trainings, assessment helped me in cracking my placement exams.



**Shubham Budhiraja**

Please find attached my photograph along with the testimony as requested.

"It was a great learning experience for me at Manav Rachna University. The faculty is so humble and helping. I would like to appreciate the placement cell at Manav Rachna for the efforts they made for providing a fair and ample amount of chances to us students. Due to the efforts made by the faculty and placement cell at Manav Rachna institute of research and studies, I was able to bag a job in the second company that I applied for.

All Thanks to my Mentors, Faculty Members and Faculty of Computer Science & Engineering."

I have emerged as a new individual. All Thanks to my Mentors Faculty Members and Faculty of management studies.



**Sarika Gaind**  
MRU

My four years at Manav Rachna University have been very wonderful. The support from the faculty throughout has

been outstanding. The career development classes included in our curriculum were very helpful as they strengthened my aptitude skills and also helped me enhance my personality. The guidance from the placement cell has been very spontaneous. And because of various placement opportunities I am successfully placed with a renowned company.

Life here has been a breathtaking experience. As a hosteller, I would say it is actually a "Home away from Home". All the Faculty members, mentors and everyone in the MREI family have been a great help and a strong support. This place has immensely added to my persona and I will always cherish the memories of this wonderful campus and place.

My heartiest thanks to all the faculty members of the university as well as the CRC department.



**Deepanshi Bhardwaj**  
Placed In: Capgemini,  
Wipro, Cloudsufi.

My last four years in Manav Rachna were amazing. I learned a

lot in my four years span apart from academics too. The faculty were always very supportive and guided me throughout my Journey, they even supported me emotionally.

I cannot even fathom the complete implications of what MREI has gifted me! What more could a student ask for? This has been the best decision I proclaim to have made. Surprisingly, the campus radiates warmth and liveliness like nowhere else. Here, time breezed with joy and productivity.

The CRC staff was very helpful and cooperative. It helped whenever I was stuck. Its regular technical, soft skills and aptitude exams, training, assessments helped me in cracking my placement exams.

Thank you.



# GO PLACES WITH REAL-WORLD SKILLS

**Real world experience/  
Industry exposure**

WITH ACCESS TO MREI'S INFRASTRUCTURE, YOU CAN TEST DRIVE EXCITING CAREERS AND BUILD A PROFESSIONAL NETWORK. DEVELOP EXPERT SKILLS, EXPLORE CAREER OPTIONS, AND LEARN HOW TO MARKET YOURSELF. LEARN THE SKILLS THAT WILL HELP YOU LAND JOBS - AND QUICKLY CLIMB THE CORPORATE LADDER. EXPAND YOUR WORLD VIEW AND KNOWLEDGE OF GLOBAL ISSUES. SATISFY YOUR WANDERLUST AND YOUR DEGREE REQUIREMENTS THROUGH EXCHANGE AND STUDY-ABROAD OPPORTUNITIES. EXPLORE AND ENHANCE YOUR LEADERSHIP ABILITIES. BALANCE WORK WITH PLAY WITH FESTIVALS, EVENTS OR EXPLORE NATURAL AREAS PLUS, THE NATIONAL CAPITAL, DELHI IS JUST A BUS OR TRAIN RIDE AWAY.



# ADMISSIONS & STUDENT FACILITATION CENTRE



**Dr. Gauri Bhasin**  
Executive Director- Marketing &  
Admissions



**Ms. Kanupriya Shekhar**  
Dy. Director- Admissions, SFC &  
MRCFL

To the students, Academic Institution is their world, life and dreams. It is the place where they learn to live and grow as individuals, ready to take on the challenges of the future. The Admission process is often considered to be bewildering and complicated. High School seniors, fresh out of school, are often caught at the crossroads, faced with the challenges of navigating the admission process which often confounds them, unless systems are in place to help them make a smooth transition to college. At Manav Rachna, every effort is made to make this process smooth and expeditious with the Facilitation Centre help in the selection and admission process.

Our dedicated team of qualified counselors and counseling staff play a pivotal role in guiding students to choose the correct program and are available at the Manav Rachna campus to address any admission related query, since it concerns the 'course' of their life and careers. The Facilitation Centre tries to transform the tedious process of admission into a pleasurable experience. The counselors in the Facilitation Centre are geared towards helping students and their parents in applying for admission in the course that best suits the student's interest, aptitude and goals. The counseling services are in fact tailored to meet the needs and dreams of each student and give them a sense of purpose and clarity. The Admissions Facilitation Centre also organizes campus tours to acquaint the parents & prospective students with the facilities offered at Manav Rachna. Various faculty members are also available to guide and explain the highlights to the visitors.

The support provided by the Centre to the students continues "Post admission Phase". The Centre is available for support throughout the campus life of a student. Come, see for yourself & join Manav Rachna to embark upon your chosen career!

For any issues and concerns you can reach out to us at [sfc@manavrachna.edu.in](mailto:sfc@manavrachna.edu.in)

## SALIENT FEATURES OF MREI ADMISSION POLICY :

The University Admissions is a multi-stage process involving the filling up of the admission form, entrance exam, creation of merit list, displaying of results on website, physical counseling before culminating in the final Admission to the institution of choice.

1. Admissions are made purely on merit basis.
2. The Admission Committee exercises fair discretion based upon the academic performance in qualifying examination available at the time of admission, subject to the condition that the candidate fulfils the eligibility criteria. It is sole responsibility of the candidate to meet the minimum eligibility criteria for admission by the cutoff date mentioned & no relaxation in minimum eligibility criteria is granted.
3. As per guidelines of Regulatory Bodies, original certificates are not retained in MREI and the same are returned to the candidates on the spot after verification.
4. MREI encourages cashless admissions.

## IMPORTANT STEPS FOR TAKING ADMISSION IN MREI

- Submission of Application-Online Application form filling by logging [apply.manavrachna.edu.in](http://apply.manavrachna.edu.in) wherein the candidate is required to fill in all required details including choice of programmes he/ she wishes to opt for.
- Uploading of Merit Criteria Documents (eg. JEE/ SAT/ MRNAT/ GATE/ NATA/ XII/ GRADUATION/ Diploma Scores/ Pearson Scores)
- Selection of Candidates & Offer of Admission Letter
- Acceptance of Admission Offer & Payment of Fee
- Physical Verification of Documents/ Enrollment Process
- Admitted students can then opt for Hostels and transport.
- Admitted students report to Institutions as per dates specified in the Admission Calendar.
- Classes commence with the orientation program.
- Admission Calendars in respect of MRIIRS and MRU are annexed at Page No. 153.
- Candidates are advised to minutely go through the calendar to see applicability of test for the programme opted for.
- For further guidance/queries, prospective applicants may contact Admission Helpline 0129-4259000 (30 Lines) or log onto [apply.manavrachna.edu.in](http://apply.manavrachna.edu.in)





The Manav Rachna Student Facilitation Center or SFC compliments the services available on the campus and is the first point of contact for prospective as well as admitted students and the Manav Rachna alumni for most of their general queries during and subsequent to their academic life. Here, the students can procure facilities from a host of amenities including but not limited to academic and financial concerns, alumni assistance and various skill enhancement programs to optimize their holistic dexterity. The SFC provides advice and support to every concern that the students posit while at the same time making sure that they are groomed to a degree of outshining the expectations of the contemporary professional & social arena.

### Areas of Assistance:

Following are the primary domains for which SFC provides assistance:

1. Academic Queries
1. Financial Requests
2. Examination Aids
3. Housing Facilities
4. General Services
5. Assistance for international students to help them integrate into campus life.

### PROCEDURE FOR REDRESSAL OF GRIEVANCES

In case a student wants to file a grievance, they need to send an application to the Head of the student Facilitation centre for redressal. If the student is not satisfied with the verdict of the SFC, they can submit an appeal before the Upper Management Committee. The Committee would then consider the appeal of the student and make appropriate recommendations that shall be communicated to the student within a reasonable time.

During the entire process, the student is expected to observe the law of natural justice & have faith in the verdict provided by the Centre.

### Academic and Professional Programs Offered by SFC:

In the wide gamut of services provided by SFC, the following are the key skill enhancement programs:

1. Career Counseling
2. Live your Dream Career for a Day
3. Rush Programs
4. Connect With Our Experts
5. Skill Enhancement Workshops
6. Psychometric Testing

### Parallel Programs:

Being a community building platform, SFC organizes several events throughout the year to augment its services to the Manav Rachna Community. In line with that, it conducts various initiatives under three primary wings:

1. **Parent Fraternity:** An event held in collaboration between our organization and exclusively selected parents of our students to support and improve the learning, development, and health of Students and develops stronger student-organization-parent ties.
2. **Manav Rachna Alumni Association:** An enterprise to create a strong global alumni network and professional value addition to the alumni along with Alumni Support and query/grievance handling
3. **Student Connect:** A student care and supervision endeavour that serves as a liaison between the students and administration and closely works with students to provide leadership, social, extracurricular and academic counseling programmes; along with student workshops, industry connections, international outreach & student grievance handling.

With a global outlook, strategic vision, passion for enterprise and institution building; SFC makes inroads with joint collaborative efforts to ensure that the students have a prodigiously pleasant experience during and after their journey at Manav Rachna.

### Reach us at:

Admissions & Student Facilitation Center  
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# MANAV RACHNA CENTRE OF FOREIGN LANGUAGES



## FOREIGN LANGUAGES: A CATALYST TO YOUR CAREER GROWTH

In a rapidly changing world, remaining relevant and marketable is a challenge that every young mind faces. We are dedicated to nurturing the talent of our students and their overall personality development. We aim at bridging the gap between Academics and Corporate world with workshops and interactions organized for students and faculty members. The centre assures learning a language at Manav Rachna would be the wing beneath the wings of students into a World of blurring global boundaries. Foreign Languages are integral part of world class education system of the university. Manav Rachna Centre of foreign Languages ensures the quality of teaching learning process of foreign languages by recruiting competent faculty and honing their pedagogical skills through faculty development programs, training, interaction with the concerned foreign language agencies and providing support through language lab.

“Tailored courses for corporate employees, Multinationals and people with a passion for linguistics is a latest addition in the bouquet of offerings”

## COURSES GALORE: SPOILT FOR CHOICES

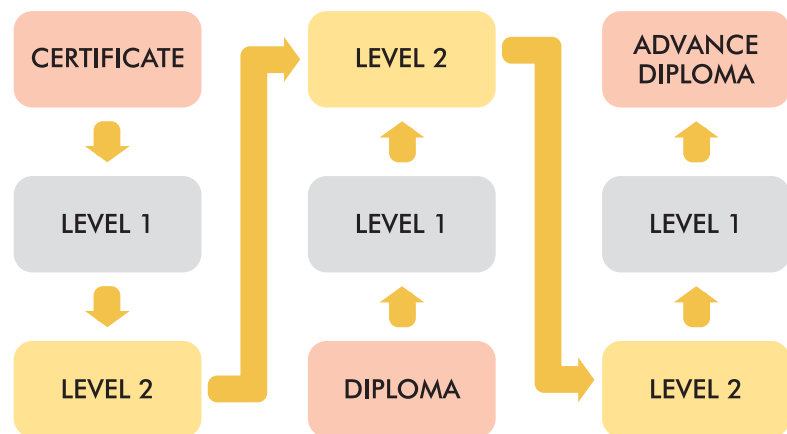
French | German | Spanish |  
Japanese | English



## APPLICATION PROCEDURE

**Direct Admission Process:** Anyone interested in seeking admission in our Centre can do so by filling up an application form online or by visiting the campus. Our language courses are open to candidates of age 16 years & above with no upper limit thereof. Selection will be only on the basis of Centre of Foreign Languages Application Form.

## LANGUAGE LEARNING FLOW



## CONTACT US:

**MANAV RACHNA CENTRE OF FOREIGN LANGUAGES**  
Sector 43, Aravali Hills, Delhi Surajkund Road, Fariadabad, Haryana.  
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# DIRECTORATE OF SPORTS

Cricket Level 4 Coach, Chief Coach of the Winning Indian Jr. World Cup Cricket team in England (1995-2003). Lifetime Dronacharya Awardee, Received Bhim Award (Haryana State Best Player Award) and Awarded Lifetime Performance Achievement Award by BCCI. Country's Best bowler award by BCCI 1985-86

Sports is a parallel medium of instruction at MREI which focuses on a sports-centric philosophy to create healthy minds in healthy bodies. The World-Class infrastructure provides for total sports management which nurtures sports talent of the students at all levels from pre-primary to the college level.

World class sports facilities for outdoor and indoor games (which include basketball, volley ball, cricket, shooting, table tennis, badminton, squash, billiards, soccer, chess, carom to name a few) offers infrastructure which caters for budding sports learners. There is a 25m/50m Shooting Range and 10m air conditioned Indoor Shooting Range operated on SIUS Ascor electronics targets of Olympics standards. Manav Rachna also has an indoor badminton and table tennis stadia with synthetic courts in association with Yonex and Stag respectively. These offer the best facilities in Haryana. A Sports Fitness Centre to meet psychological, physiotherapy and other health related issues is also available. Besides, Manav Rachna boasts of a Soccer Academy and a Semi Olympic sized swimming pool.

High level coaching is provided under the guidance of well known coaches, Mr Russell Mark, Mr. Ralf Schumann, Mr. Peter Karlson and Mr. Jaspal Rana to name a few.

Sports competitions in various Institutions of Manav Rachna are a regular feature. Manav Rachna also has the distinction of hosting the Manav Rachna Cricket Corporate Cup for the last over a decade.

Some of the MR star players and students/ Alumni who have consistently excelled in their respective sports include Gagan Narang and Shweta Chaudhary in shooting, Ms Ankita Das, Soumyajit Ghosh and Abhishek Yadav in Table Tennis.

Notable sports luminaries who have graced the occasions at Manav Rachna include Gagan Narang, Bishen Singh Bedi, Kapil Dev, Kirti Azad, Vijay Kumar, Virendra Sehwaq, Mohd. Azharuddin, Ronjon Sondhi, Mohammad Kaif, Palela Gopichand, P.V. Sindhu, Angad Bajwa, Shreyasi Singh and Ankur Mittal amongst others. Manav Rachna students are frequent participants in various tournaments abroad as well as in India.



Lifetime Dronacharya Awardee  
Sarkar Talwar,  
Director Sports



## MAJOR EVENTS

Manav Rachna International Institute of Research and Studies allotted by Association of Indian University to Organize Selection Trials of Indian University Shooting (M&W) teams for World University games 2021 at Chengdu (China) from 26th to 28th February 2021. 132 Entries from 36 Universities of India participated in the Championship which had 5 events of the shooting Sport. It was for the first time that the Selection Trials of Indian University Shooting (M&W) teams for world university games was organized at an internationally acclaimed Venue.

FICCI announces MRIIRS as the 'Best University promoting Sports' The Federation of Indian Chambers of Commerce and Industry (FICCI) is organizing a two-day 'Virtual FICCI TURF-2020' Global Sports Summit. The event was inaugurated by Union Minister of Sports and Youth Affairs, Sh. Kiran Rijiju. During the conference, Manav Rachna International Institute of Research & Studies (MRIIRS) was announced as the Best University Promoting Sports. While accepting the award, Dr. Amit Bhalla, VP, Manav Rachna Educational Institutions said: "This award is recognition of the passion that we have for sports. I am very confident that very soon we will see an Olympic medal being contributed by a Manav Rachna student". ICCI TURF 2020 are highly prestigious sports awards that applaud the achievements and contributions of Indian athletes and various stakeholders of the ecosystem who have done noteworthy work to promote sports and bring pride to

the nation. State's Sports and Youth Welfare Minister, Smt. Yashodhara Raje Scindia was also present on the occasion. For the first time in this conference, a sports and fitness exhibition was organized through webinars. Directorate Sports Organized Selection Trials for the Manav Rachna International Institute of Research and Studies Students for participating in All India and North Zone Inter University Sports tournaments and All India Technical Sports Tournaments. Trials Schedule of Volleyball (M&W) , Basketball (M&W) on dated 20th October 2021 and Cricket and Football (M) on dated 21st October 2021 and Badminton, Table Tennis (M&W) and Squash (M) on dated 22nd October 2021.

## 25 mtr & 50 mtr Shooting Range Inauguration

25 mtr & 50 mtr Shooting Range Inaugurated by Sh. Kiren Rijiju, Sports Ministry, Govt of India on 19th January 2021 at Manav Rachna International Institute of Research and studies.

The Hon'ble Union Minister for Sports Sh. Kiren Rijiju inaugurated a first-of-its-kind 25 mtr and 50 mtr convertible shooting range at the Manav Rachna campus today. This is among the most advanced shooting facility not available anywhere across Delhi NCR.

The range is both electronic and manual with 10 lanes each. Equipped with SUIS ASCOR electronic targets and 0.22 weapons, the range.

## FIT India Programme

Fit India Cyclothon under the aegis of Fit India Movement was organised by Manav Rachna International Institute of Research and Studies on 16th December 2020. Around 8 students along with staff members participated in the Cyclothon which began from MRIIRS gate no. 1 till the Gymkhana Club at 7.00 am onwards. Fit India Freedom Run under the aegis of Fit India Movement was organised by Manav Rachna International Institute of Research and Studies on 01st October 2020. Around 30 students along with staff members participated in the run which began from MRIIRS gate no. 1 till the Gymkhana Club at 6.30 am onwards.

Directorate of Sports organized the 1st "FIT India Movement" workshop. The theme based fitness work shop for health and fitness issues of all Faculty members & Students was conducted under the guidance of experts.

As per the F.No - 13-173/2020-TC dated 13th November 2020. Regarding activities and campaigns in December 2020. Fit India Cyclothon under the aegis of Fit India Movement was organised by Manav Rachna International Institute of Research and Studies on 23rd December 2020. Around 12 students along with staff members participated in the Cyclothon which began from MRIIRS gate no. 1 to Via sector-21C & Sector-46, Faridabad and back to MRIIRS at 7.00 am onwards.

A mini marathon race was organised by MRIIRS on 20th of March 2021 after December 2020 with all covid protection. Around 25 students along with staff members participated in the race which began from MRIIRS gate no. 1 till the Gymkhana Club. The marathon was organized under the supervision of Directorate of Sports, Mr. Sarkar Talwar.





As per the Secretary Higher Education, Ministry of Education Govt. of India D.O letter no- 11018/6/2021-EBSB dated 05.08.21 and UGC D.O.Letter No-F.1-54/2019 dated 08.08.21. Regarding Celebration of 75 Years of India Independence "Azadi Ka Amrit Mahotsav" Resolves@75- Fit India Freedom Run 2.0 (8 KM.) under the aegis of Fit India Movement was organized by Manav Rachna International Institute of Research and Studies Sector-43, Faridabad on 13th August 2021 With all COVID protections. Around 26 Faculty, Staff and Students participated in the run which began from Manav Rachna International Institute of Research and Studies Gate No. 1 to Ankheer Chowk Faridabad and Back to Central Park, MRIIRS at 7.00 am onwards.

The work shop held at I-Block Auditorium on 22nd January 2020 from 11.15 am to 12.15 pm. was addressed by Mr. Sarkar Talwar, Director Sports, MRIIRS, Mr. Ashok Kumar Saini, Retd. Deputy Director Sports, Faridabad, Haryana & Mr. Raj Kumar Sharma, Cricket Coach, Haryana. The main motive of the workshop was to generate awareness among students regarding FIT India movement launched by Sh. Narendra Modi, Prime Minister, India. 75 students with all sports coaches and staff participated in the workshop. During this workshop students learnt about various fitness tips. A knowledgeable message regarding improvement of Physical ability and skills was presented by Mr. Sarkar Talwar (Director Sports, MRIIRS), Mr. Ashok Kumar Saini (Retd. Deputy Director Sports, Faridabad). Mr. Raj Kumar Sharma (Cricket Coach, Haryana). We recieved a positive feedback from students for this workshop and hope for a good response in the next coming months.

Our esteemed institution is celebrating its 25th Year, the Manav Rachna Silver Jubilee Celebration. To commemorate this grand occasion, Directorate Sports organized a T20 cricket match between MRIIRS V/S MRU Students. The Match was inaugurated by Mr. R.K.Arora, Registrar, MRIIRS, along with Mr. Sarkar Talwar, Director Sports, MRIIRS. MRIIRS won the toss and elected to field first. MRU Scored 256/6 runs in 20 Overs. For MRU team, Vivek Scored 78 runs in 25 balls (2 Fours, 9 Sixes), Zakshay Scored 70 runs in 41 balls (3 Fours, 7 Sixes), Pranshu made 29 runs in 25 balls (3 Fours, 2 Sixes) & Amit made 21 run, not out in 11 balls (1 Four, 2 Sixes) respectively.

For MRIIRS, the Bowling tally stood at Surya (3-0-31-3), Deepak (3-0-31-2), Sidharth (3-0-36-1) for his team In return MRIIRS team made only 120/10 in 17 Overs and Lost by 136 Runs. For MRIIRS team. Rohit made 22 runs in 21 balls (3 Fours), Yashwin made 21 runs in 9 balls (2 Fours, 2 Sixes), Sidharth made 18 runs in 6 balls (1 Four, 2 Sixes) and Adarsh made 17 runs in 11 balls (2 Fours, 1 Six) respectively. The Successful bowlers for MRU team were Vivek (4-1-14-3), Ayush (3-0-25-2) Ankur (2-0-9-2), Ritik(3-0-9-2) for his team. Zakshay of MRU team was declared 'Man of the Match' for his brilliant performance. He Scored 78 runs in just 41 balls for his team. The Prizes were given by Mr. Sarkar Talwar, Director Sports, MRIIRS along with Sports Officer, MRIIRS & MRU.

The sports orientation programme for Non FET, FCBS students as a part of FIT India movement on 21st September 2021. Students played Badminton, Table Tennis, Pool, Billiards,

Our esteemed institution is celebrating its 25th Year, the Manav Rachna Silver Jubilee Celebration. To commemorate this grand occasion, Directorate Sports organized a day night T20 cricket match between President XI V/S Vice Chancellor XI. The Match was inaugurated by Smt. Satya Bhalla, Chief Patron MREI, along with other dignitaries of Manav Rachna & Mr. Sarkar Talwar, Director Sports, MRIIRS. Team of President -XI, led by Dr. Prashant Bhalla, President, MREI and team of Vice Chancellor -XI led by Dr. Sanjay Srivastava, VC, MRIIRS. President XI team won the toss and elected to Bat first. President XI Scored 217/5 runs in 20 Overs. For President XI team, Mr. Anandjit Goswami Scored 65 runs in 30 balls (8 Fours, 4 Sixes), Mr. Agam Talwar Scored 55 runs in just 23 balls (2 Fours, 6 Sixes), Dr. Prashant Bhalla made 12 runs in 16 balls (1 Four) & Dr. Amit Bhalla made 10 run in 25 balls respectively. For Vice Chancellor XI team Bowling Dr. Pardeep Kumar (1-0-5-1), Mr. Kunal (4-0-36-1), Mr. Deepak Sharma (3-0-10-1) Mr. Dinesh (1-0-34-1) for his team In return Vice Chancellor XI team made only 183/9 in 20 Overs and Lost by 34 Runs. For Vice Chancellor XI team Mr. Mithun made 50 runs in 24 balls (5 Fours, 4 Sixes), Mr. A.K. Mishra made 24 runs not out in 14 balls (2 Fours, 2 Sixes), Dr. Sanjay Srivastava made 17 runs not out in 9 balls (2 Four) Dr. Narinder made 16 runs in 13 balls (1 Four, 1 Six) Dr. Moattar Rizvi made 14 runs in 10 balls(1 four, 1 Six) and Mr. Naresh Grover made 13 runs in 21 balls (2 fours) respectively.

The Successful bowlers for President XI team were Dr. Anandjit (3-0-20-3), Dr. Nitin (2-0-5-2) Mr. Siddharth Dhankhar (4-0-25-1), Mr. Pawan (3-0-41-1) for his team.

The Prizes were given by Smt. Satya Bhalla alongwith other dignitaries of Manav Rachna.

**The prizes details are as under:**

**Best Bowler:** Dr. Nitin Arora (President XI team)

**Best Batsman:** Mr. Agam Talwar (President XI team)

**Man of the Match:** Dr. Anandjit Goswami (President XI)

**Runner Up Trophy:** Vice Chancellor Team

**Winner Trophy:** President XI team.

Our esteemed institution is celebrating its 25th Year, the Manav Rachna Silver Jubilee Celebration. To commemorate this grand occasion, Directorate Sports organized a T20 cricket match between MBA Students (Senior V/S Junior). The Match was inaugurated by Mr. Sarkar Talwar, Director Sports, MRIIRS alongwith Faculty of MBA & Sports Staff. Senior Students of MBA won the toss and elected to Bat First. MBA Senior Students Scored 330/6 runs in 20 Overs. For MBA Senior Students team, Abhishek played a brilliant inning he Scored 106 runs in just 41 balls (10 Fours, 9 Sixes), Manjeet Scored 62 runs in 32 balls (6 Fours, 5 Sixes), Mayank made 25 runs in 13 balls (4 Fours, 1 Six), Bakul made 24 runs not out in 12 balls (1 Four, 2 Sixes) & Deekshit made 23 run in 11 balls (4 Fours, 1 Six) respectively. For MBA Junior Students team Bowling, Prince (5-0-76-3), Manoj (6-0-63-3) for his team

In return MBA Junior Students team made only 64/10 in 6.4 Overs and Lost by 266 Runs. For MBA Junior team, Tarun made 16 runs in 12 balls (4 Fours), Bakul made 10 runs in 7 balls (1 Four, 1 Six), Tanoj made 7 runs in 9 balls (1 Four) respectively. The Successful bowlers for MBA Senior team were Abhishek (3-0-28-6), Mayank (0.4-0-1-2) Sunny (3-0-19-1), for his team.

Abhishek of MBA Senior Students team was declared 'Man of the Match' for his brilliant performance. He Scored 106 runs in just 41 balls & took 6 wickets for his team.

### 14th M.R. Corporate Cricket Challenge 2021.

The 14th Edition of Manav Rachna Corporate Cricket Challenge 2021 Inaugurated by Hon'ble Sh. Sanjay, Joon, Commissioner Faridabad Division alongwith Dr. Prashant Bhalla, Chancellor & President of MREI, Dr. Amit Bhalla, Vice President, MREI in the presence of Dr. Sanjay Srivastava, Vice Chancellor, MRIIRS, Dr. M.M. Kathuria, Trustee, Manav Rachna, Dr. N.C. Wadhwa, DG, MREI, Mr. R.K. Arora, Registrar, MRIIRS, Brig. V.K. Anand, Registrar, HR, MREI, Col V.K. Gaur, Dr. V.K. Mahna, MR, Atul Kalra, Director, Admin, MREI, Dr. Kameshwar Singh, Registrar, MRU, Mr. Sarkar Talwar, Director Sports, MREI and Dean & Directors were also present. 25 teams like Maruti Suzuki, Adidas, ACE, NHAI, Press Club of India, JCB, Aaj Tak, Honda Motorcycle, Hindustan Petroleum, Honda Car, Asian Hospital, Metafab, TCS, NHPC, Sarvodaya Hospital, Escorts Construction, IIFLW, Hero Motocorp, IRCON International, Glen India, Architect Sports Trust, D.D. News, Akash Darshan,

Wave Infratech, and MREI, are part of this tournament. The view of the grand Champion Trophy excited every player and filled them with more passion to be the holder of this trophy.

Manav Rachna has a variety of sports facilities spread over the campus as well as sports academy located within Faridabad. Highlights of various facilities are mentioned below.

### SPORTS INFRASTRUCTURE

Sports and fitness activities are an integral component of Manav Rachna.

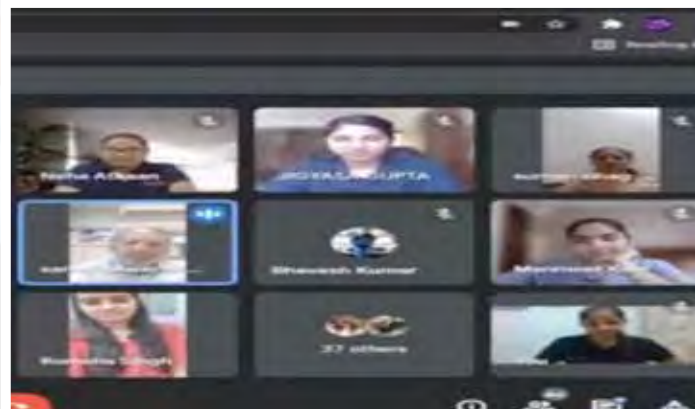
Under the supervision of qualified coaches, the students engage in regular practice sessions in order to fulfil their aspirations of wearing university colours/jerseys. Apart from participating and winning in various tournaments throughout the year, the students also participate in intra Manav Rachna tournaments. Special emphasis is given to improving not only the wellness component and lifestyle of students but also to instill in them the qualities of team cohesion and sportsman spirit.

Highlights of various state-of-the-art indoor and outdoor facilities spread campus wide as well as a sports academy located within Faridabad, as mentioned below:

### INDOOR SPORTS ARENA

Manav Rachna has an Indoor Sports Arena covering an area of 7000 Square feet at Q block basement. It has One Badminton Court, 6 T.T Tables, 4 Chess Stations, 4 Carrom Stations, 2 Billiards Tables and 1 Pool Table. This sports arena is open to all the Manav Rachna Students and Hostellers from 8.00 am to 8.00 pm.





## MANAV RACHNA SILVER JUBILEE CELEBRATION

An 'Interactive session' was held by the sports department of MRIIRS Faridabad. On 9th July 2021 from 4:00 pm onwards. The panel consisted of Mr. Sarkar Talwar, Director Sports, MRIIRS, Mrs. Suman Sihag, (Sports Officer) and Mr. Kuldeep (Basketball Coach). A total of 60 students joined the online meeting through google meet.

**Introduction:** Welcome and Introduction of panel given by jigyasa gupta, captain of basketball women team.

Introduction of Director sports, sports activity details and opportunity of sports deptt given by Suman Sihag, Sports officer, MRIIRS.

**Speech:** Speech by Mr. Sarkar Talwar, Director Sports, MRIIRS

**Key point of his speech:**

- Insisted on the importance of sports after the covid pandemic.
- Importance of regular exercising.
- Any form of exercise can be taken: Cycling, walking and yoga etc..
- Keeping safe during the ongoing Covid Pandemic
- He also asked about the various activities students under took to keep them fit during the lockdown.

Sharing of experiences by students of MRIIRS:

- **Himanshi Bhardwaj:** National Level Table Tennis Player & Captain of T.T Women team, MRIIRS
- **Mona Hooda:** National Level Boxing Player
- **Srishti:** Volleyball women team Captain, MRIIRS
- **Bhavesh:** Football team player, MRIIRS
- **Manmeet:** Basketball team player, MRIIRS
- **Jigyasa Gupta:** Basketball women team Captain, MRIIRS

A total of 15 students shared their experiences, their participation in various sports, their daily activities in lockdown period, their participation in FIT India and discussion of new ideas they various sporting fields like yoga, sports activities and exercises. The event was concluded after presenting the vote of thanks (given by Jigyasa Gupta )

## SHOOTING RANGE

Manav Rachna is home to 4 state of the art shooting ranges - one of 25mtr. & 2 of 10 mtrs each. Shooting Range No. 1-25 meters range with 2 Bays of SIUS ASCOR electronic targets, each Bay consists of 5 Targets with Monitors. This range is located near staff quarters. Shooting Range No-2 & 3 - Newly constructed sports arena in Q Block Basement houses two 10 mtr. fully A.C Shooting Ranges; one is having 13 Manual targets and second range has 8 SIUS electronics targets with Monitors. Both the ranges have all the modern facilities for shooters as well as for spectators, including locker rooms, modern wash rooms, exercise area amongst others.

At Manav Rachna Shooting Range, Pali, we conduct shotgun competition with experience of Night shooting.

## CRICKET GROUND

The Cricket Ground in Campus is located in front of K and L Block. This 40 x 40 meters lush green ground is equipped with flood lights and has 2 well maintained turf pitches.



# CROSS THE BOUNDARIES

## Student success

MREI STUDENTS REACH THERE FASTER. WITH CLASSROOM LEARNING, INDUSTRY EXPERIENCE, AND CAREER SUPPORT WOVEN THROUGHOUT YOUR DEGREE, YOU GRADUATE IMPACT-READY. PLUS, YOU'LL BE IN GOOD COMPANY - WITH ALL-STAR ALUMNI MAKING WAVES IN THEIR INDUSTRY, COMMUNITIES, AND THE WORLD AT LARGE. YOUR FUTURE STARTS RIGHT HERE, RIGHT NOW. DIVE INTO LEADING-EDGE ACADEMIC PROGRAMS, WORK EXPERIENCES, AND EXCITING OPPORTUNITIES. GRADUATE WITH THE SKILLS, KNOWLEDGE, AND MINDSET TO MAKE MEANINGFUL CHANGE IN A COMPLEX WORLD.



## SQUASH COURT

The Squash Court has been recently re-laid by Syncotts International with Maple Wood Flooring and is located at A Block 2nd Floor. This is equipped with lights & A.C facilities. There are other sports facilities are also available as carom & chess boards.

## VOLLEYBALL COURTS

Manav Rachna Campus has a Volleyball Court in front of B Block that is available to all the Manav Rachna Students and Hostellers from morning to evening.

## SOCCER GROUND

This is the newest addition to the existing sports facilities. With work in high speed progress, the ground would be of International Standards and would be available for use in near future.

## BASKETBALL COURTS

There are 2 standard size Basketball Courts in MRIU Campus-one each in front of E/ F Block, B Block and in front of International Boys Hostel. Like all other sports facilities, these are also available for all the Manav Rachna Students and Hostellers from morning to evening.

## OPEN GYM FOR WOMEN HOSTELLERS

A special facility of an open Gym has been made available only for all women hostellers. It is located near the Staff Quarters of the Manav Rachna Campus. The gym is equipped with all necessary training gadgets.

## OTHER SPORTS FACILITIES IN MANAV RACHNA

- SWIMMING POOL OF HALF OLYMPIC SIZE
- LAWN TENNIS COURTS WITH FLOOD LIGHTS
- TABLE TENNIS ACADEMY

## MANAV RACHNA CENTRE OF SPORTS EXCELLENCE FOR BADMINTON

Manav Rachna Sports Academy is a modern faculty catering to Residential Training Programmes. It is equipped with six fully Air Conditioned indoor synthetic badminton courts and a separate boys and girls locker room for resting in between the sessions. We have a number of renowned coaches and we specialize in providing training to various players from outside and within NCR and focus on giving the best expertise and guidance to our trainees, under the guidance of renowned International and National coaches. Manav Rachna has collaboration with Yonex, World no. 1 in Badminton related equipments.

Good players can't be groomed in a day & hence our players have to adhere to a tight schedule and training. This includes a proper regimen of court training, physical, yoga, proper diet to take care of nutritional needs, physiotherapy, swimming, and nutrition. The training is focused as per the current level of player and he/she has to undergo intensive sessions for Physical/ skills/ speed and agility, tactics development and mental toughening. We have designated physiotherapists who observe the players movements and developments round the clock to make sure that no injury is there to hinder their career in badminton.

Manav Rachna Centre of Badminton Excellence conducts well planned programmes in which 15-20 players from different states are undergoing the training to hone their badminton skills and attain international level standards. The players are getting trained under the watchful eyes of extremely good coaches, including Mr. Hendra Setyo Nugroho from Indonesia & Mr. Rasheed Misbah Ansari, amongst others.

## MANAV RACHNA CENTRE OF SPORTS EXCELLENCE FOR SHOOTING

Manav Rachna truly believes in shaping up the sports in the right manner. Shooting is another sport in which Manav Rachna has set up its centre of excellence. Manav Rachna has two shooting ranges in which current and budding players are getting trained. We conduct various shooting camps & clinics to help the shooting players in India to practice and do well at International Level.

A large number of renowned players of International fame are associated with Manav Rachna. These include, Rajiv Gandhi Khel Ratna Awardee, Mr. Ronjan Sodhi, Olympic Medalist, Mr. Abhinav Bindra, Gagan Narang and Vijay Kumar and Legendary Shooter Mr. Jaspal Rana to name a few.

We organize many shooting programmes with coaches of International Level from time to time in which shooters from all around the country come and train themselves with these stars.





Shooting Camp with  
**Mr. Rustam Yambulatov**

Rustam Zaynullovich Yambulatov is a Soviet sport shooter. He has won a silver medal in Trap Shooting in 1980 Summer Olympics.

Shooting Camp with  
**Mr. Russell Mark**

Russell Andrew Mark, OAM is a professional Australian Trap and Double Trap clay target shooter and shooting coach. He is also an Olympic Champion and has an Olympic gold medal in Double Trap at the 1996 Summer Olympics in Atlanta.

Shooting Camp with  
**Mr. Ralf Schumann**

Ralf Schumann is a German 25 m Rapid Fire Pistol shooter. He is a three-time Olympic Champion & twice the World Champion.

**CoE for Pistol Shooting in association with Ronak Pandit & Heena Sidhu**

Manav Rachna Centre of Excellence for Pistol Shooting in association with Ronak Pandit and Heena Sidhu was launched in May 2019. The Centre shall train naive learners to take up Pistol Shooting as a profession. This is a big opportunity for youngsters from North India to take up Shooting as a career and for those who are passionate for shooting.

**MANAV RACHNA SPORTS SCIENCE CENTRE**

To take the Indian Sports to the next higher level, Manav Rachna Educational Institutions have taken a one of its kind singular initiative, by initiating the Manav Rachna Sports Science Centre. The targeted activities at **Sports Science and Rehabilitation Center** are:

- To provide a specialist area for the delivery of Strength & Conditioning & Maintenance of fitness of the sportspersons.
- To devise individual, periodised programmes to maximise performance for major competitions.
- Rehabilitation-directed towards injury prevention & optimizing performance of sports person and also Prevention of Injury strategies
- Biomechanical analysis of sportspersons
- Sports and Rehab centre will also work for performance enhancement in sports at Manav Rachna Sports Academy, Sports Rehab Center & Dr. Karni Singh Shooting Range and will collaborate with Federations, state associations, Sports Authority of India and support them for Olympic preparation.

To achieve the above objectives, Manav Rachna Sports Science Centre was established, where the centre has a variety of expert health professionals and academics with three decades of industry experience. The team consists of academics and applied sports rehabilitators, physiotherapists, sports physiologists, sports nutritionists and allied health professionals

who have worked in top positions in a variety of professional and Olympic sports including shooting, badminton, athletics, wrestling, boxing, rugby, football and a variety of other sports. The centre also provides lifestyle management, fitness training and health and well-being support for all types of individuals. The professionals carry out various activities that would enhance the sports person's performance and reduce the risk of injury. Some of these activities are Biomechanical analysis & sports training, Physiotherapy and Exercise Rehabilitation, Clinical Sports and Remedial massage, Psychological & Mental, Sports Nutrition, and Physiological Testing.

It is fervently hoped that this centre will be able to cater to the needs of sports persons, under one roof so that they can shine bright and make India proud.

**ARSENAL SOCCER ACADEMY**

Manav Rachna has tied up with the renowned Arsenal Soccer Academy to promote Soccer. This is to transform player development and provide authentic opportunities by helping players take their game to the next level. All this through top notch training, professional training, competitive matches, expert methodology, home away from home environment.

Tie-ups exist with the following international brands:





## SPORTS PERSONALITIES IN MREI

Dr B.K. Sinha, IPS (DG Civil/ Defence & Bhondsi Complex) was the chief guest of Closing ceremony of 12th Manav Rachna Corporate Cricket Challenge 2019.

**2. Heena Sidhu - Arjuna Awardee & Legend Air Pistol Shooter**

**3. Mr. Anil Vij - Haryana Cabinet Minister (Sports & Health)**

Mr. Gautam Gambhir, Former Indian test cricketer & Captain of Kolkata Knight Riders. He visited MRIIRS (formerly MRIU) on 11.03.2017.

The legendary cricketer Mr. Kapil Dev visited MRIIRS (formerly MRIU) and addressed the students about Sports Management on 29.03.2009. He also distributed the prizes to teams in the final match of 2nd Manav Rachna Corporate Cricket Challenge 2009.

The Legendry Cricketer, Mr. Virender Sehwag inaugurated Manav Rachna Cricket Academy at Manav Rachna International School Charmwood Village, Faridabad on 06th July, 2012.

Mr. Madan Lal, Former Test Cricketer visited MRIIRS (formerly MRIU) and addressed the students of Manav Rachna on 24.03.2012. He also distributed the prizes to the teams in the final match of 5th Manav Rachna Corporate Cricket Challenge 2012.

Manav Rachna Organized Table Tennis Clinic by Mr. Peter Karlsson, 5 Times World Champion and 6 Times European Champion, from 8 to 10 July, 2012 in collaboration with Stag International.

Mr Sanjiv Sachdeva, 'Chief Indian Coach Junior Badminton' imparted professional coaching to budding badminton players in the winter coaching camp in November 2011

Former Test cricketer Mohd. Azharuddin visited Manav Rachna Campus and addressed the students of Manav Rachna on 30.03.2013. He also distributed prizes to the teams in the final match of 6th Manav Rachna Corporate Cricket Challenge 2013 The Former Test cricketer, Mr. Bishan Singh Bedi visited Manav Rachna Campus on 21st March, 2010 and addressed the students. He also distributed prizes to the teams in the final match of 3rd Manav Rachna Corporate Cricket Challenge 2010

MRSA organized One Day Badminton Clinic by Ms. P. V. Sindhu, then Asian Badminton Champion and now Olympic Silver Medalist and Mr. Sanjiv Sachdeva, Chief Indian Jr. Badminton Coach, on 20th August 2012 in collaboration with Yonex Sunrise.

Mr. Gagan Narang International Shooter with Dr. O.P. Bhalla, Dr. Prashant Bhalla and Dr. Amit Bhalla at MRIIRS (formerly MRIU), Faridabad on 16.08.2012

Manav Rachna started a Golf Academy in MRIS -14, Faridabad in collaboration with Taylor made Adidas a well-known company and biggest brand in golf equipments. The academy was inaugurated by Mr. Nikhil Chopra, Former Test Cricketer and Professional Golfer, on 4th March 2010 in presence of Hon'ble chief patron, Dr. O.P. Bhalla Chairman, Dr. Prashant Bhalla and Dr. Amit Bhalla Vice President MRIIRS.

Mr. Abhinav Bindra, Gold Medalist in Beijing Olympics Games 2008, inaugurated Manav Rachna 25 mtr. and 10 mtr. Indoor A.C shooting range in 15.04.2009.

Mr. Ronjan Sodhi, International Shooter with Dr. O.P. Bhalla, Founder Visionary, MREI.

Former Test Cricketer and Hon'ble MP Mr. Kirti Azad visited MRIIRS and addressed the students of Manav Rachna on 02.04.2016. He also distributed prizes to the teams in the final match of 9th Manav Rachna Corporate Cricket Challenge 2016.

The Former Test cricketer, Mr. Chetan Sharma and Sports Minister of Haryana Mr. Sukhbir Singh Kataria, visited MRIIRS and addressed the students of Manav Rachna on 26.03.2011. He also distributed the prizes to teams in the final match of 4th Manav Rachna Corporate Cricket Challenge 2011 Mr. Pullela Gopichand, Former All England Badminton Champion and National Badminton coach visited Manav Rachna Sports Facilites.

The London Olympian Shooting Silver Medalist, Mr. Vijay Kumar Visited Manav Rachna on 30.11.2012.

Former Test Cricketer, Mr. Yashpal Sharma visited MRIIRS and addressed the students of Manav Rachna on 29.03.2014. He also distributed prizes to the teams in the final match of 7th Manav Rachna Corporate Cricket Challenge 2014.



# SPORTS LAURELS BY SPORTS ACHIEVERS @ MREI



**Gagan Narang,**  
MBA,

Gagan Narang is an Indian shooter, supported by the Olympic Gold Quest. He was the first Indian to qualify for the London Olympics. He won

the Bronze Medal in the Men's 10 m Air Rifle Event at the 2012 Summer Olympics in London with a final score of 701.1 on 30 July 2012.



**Angadvir Singh Bajwa,**

student of BBA (G), MRIIRS brought laurence to the University and Nation by getting another Gold at ISSF World Cup 2021 held in Karni

Singh Shooting Range. Bronze Medal (Skeet) Shooting in World University Games 2019 at Napoli, Italy

Gold Medal in All India Inter University Shooting Championship 2019 at Punjab University, Chandigarh

Gold Medals in Asian Championships - Kuwait - Shot 121 in qualifications shot 60/60 in the finals. He won the Gold Medal, first ever in India in Skeet and set a new World Record

Gold Medal in Nationals 2018 - Jaipur - Shot 119 in the qualifications and then went on to win the Finals and the National Championship title with an Individual Gold medal along with a Team Gold medal

1st Team Trials held at Delhi in December, 2018 - shot a qualification score of 122 in these trials and is on the top of the Skeet shooter list currently

He is also the only Skeet shooter selected by the Sports Authority of India under the TOPS scheme for the probable 2020 Olympics



**Vijay Kumar,**  
student of MRIIRS (BBA 1st Year) and international shooter

Renowned Shooter, Olympic Silver Medalist in 2014 Commonwealth Games Indian

contingent, he was torch bearer.



**Shweta Chaudhary,**  
alumnus of FMS, MRIU

Indian shooter who has won gold, silver and bronze medals in various national & international events



**Ankita Das,**  
alumnus of FMS, MRIU

Famed Indian table tennis player. Represented India at the 2012 Summer Olympics

in the Women's singles event. Has won championships at the 75th senior National table tennis championships (2014). Winner Brazil Grand Prix, also took part in Commonwealth Games 2014, Glasgow



**Shagun Chowdhary,**  
alumnus of FMS, MRIU

First Indian woman to qualify for the Olympic trap shooting event at

the Belgrade World Championships. Impressive lineup of medals to her credit



**Anish Bhanwala-**  
ISSF Shooting World Cup 2022. Silver Medal for India in 25m Rapid Fire Pistol Men's Team and Gold Medal in 25m Rapid Fire Pistol Mixed Team.



**Shreyasi Singh,**  
shooter, student of FMS, MRIU

Indian shooter in the double trap event. Won silver medal in the 2014 Commonwealth Games in Glasgow,

Scotland. Part of the Indian team at the 2013 Trap Shooting World Cup held in Acapulco, Mexico



**Ria Rajeshwari Kumari,** student of Faculty of Commerce & Business Studies, MRIU

Trap shooter at the senior national squad for the ISSF

shotgun World Championship in Italy & World Cup in Azerbaijan



**Somyajit Ghosh,**  
global table tennis ace, student of BBA (G), MRIIRS

International Table Tennis Player, India No. 1 in Table Tennis, represented India in London

Olympics 2012. Winner Brazil Grand Prix, also took part in Commonwealth Games 2014 at Glasgow. Part of the Indian Table Tennis team to represent and participate in Rio Olympic Games, Brazil



**Shahbaz Ahmed-**  
IPL Player, 2020, 2021 and 2022 from Royal Challengers Bangalore Class of 2015 / Civil, MRIIRS





**Lokesh Rawat**, Body Building, student of FAS (Bsc. N and D), MRIIRS

Won Silver Medal in World Championship-IBFF 2016 at Slovenia-Kuper



**Shreyasi Singh & Ankur Mittal**, shooters, students at MRIIRS

Won Gold Medals in All India University Shotgun Shooting Championship 2016-17



**S Rahul**, student of B.Com (H), MRIIRS

Bronze Medal in All India Inter University Kick Boxing Championship 2018-19 at Andhra University, Visakhapatnam

Silver Medal in All India Inter University Kick Boxing Championship 2017-18 at Punjabi University, Patiala



**Abhishek Yadav**, International Table Tennis Player, student of BBA (G), MRIIRS

Junior Indian and Asian Table Tennis Champion



**Kuldeep Kumar**, international Kick Boxing player, student of Aeronautical, FET, MRIIRS

Participated in the World Kick Boxing Championship

2016 at Korea. Won Bronze Medal in Wako Asian Kick Boxing Championship 2015, Pune, India

Bronze medalist at world Championship Kick Boxing 2011 at Moscow and Bronze Medalist at World championship 2012



**Bhavesh Shekhawat**, shooter, student of MRIIRS

Selected as part of the Indian University shooting team to participate in the World University

Shooting Championship 2016, Bydgoszcz Poland.

Won Gold Medal & in individual event he bagged the Bronze Medal



**Jatin Singh Rathore**, Shooter, student of BBA (G), MRIIRS

Selected in 27th Meeting of the shooting hopes 2017 at Czech Republic & won

silver Medal in 50 meters free pistol. Selected in world shooting championship as a part of the Indian team at Suhl Germany. Got 5th Position in 50 Meter pistol shooting event

## MAJOR ACHIEVEMENTS

Participants in Asian Games 2018 at Djakarta, Indonesia:

Bhavesh Shekhawat & Angad Vir Singh Bajwa won 2 Gold Medal & 1 Bronze Medal in 25 Mtr. Rapid & Standard Pistol & Skeet Shooting event in AllU Shooting (M&W) Championship 2017-18, Jaipur, Bhavesh was selected for World University Games 2018 at Malaysia in the month of March 2018

Bhavesh Shekhawat & Angad Vir Singh Bajwa participated in World University Games 2018 at Malaysia in the month of March 2018

Shreyasi Singh won gold medal & Ankur Mittal won Bronze medal in Double trap shooting in commonwealth games held in Australia

Gaurav Solanki, Gold Medalist in Boxing in Commonwealth Games 2018 at Gold Coast, Australia, student in BBA (G) at Manav Rachna. Gold medalist in youth Asian Championship at Bangkok, Thailand

Presented with University Colour by Dr. Amit Balla, Vice President, MREI



# INFRASTRUCTURE & SUPPORT SERVICE

## INFORMATION AND COMMUNICATION TECHNOLOGY

MREI has a dedicated Information and Communication Technology (ICT) Cell which provides IT and Communication support to all the Students, Faculties and Staff. The Cell plans organizes & maintains all ICT equipment and campus wide networks for all Manav Rachna Educational Institutions. An in-house repair facility ensures that downtime is kept to the minimum. Indirectly, it contributes to optimal teaching learning process, besides ensuring a very high satisfaction level for the students. Manav Rachna has subscribed to a comprehensive Cloud based ERP from M/s iCloud EMS, Pune which provides integrated solution to enhance and digitize the processes like Admissions, Transport, Hostel and student's academic life cycle management operations in the Institutions. Students attendance has been integrated with SMS and Email system to inform parents/ guardians about any default in attendance system of the pupil. A blended Learning Management System ensures comprehensive academic support to the students in the form of study material consisting of lesson plans, class notes, assignments, stimulations, animations, assessment exercises etc. In the current year MREI emphasizes on Swayam and Moocs.

The Institution deploys excellent IT Infrastructure in carrying out activities like academic delivery, administration and services. The concept of Green Computing has been piloted with Central Library backed by high speed internet connectivity from multiple sources to avoid single point failures.

MR campus at Sector 43 is covered under an agreement with Microsoft for campus agreement for compliance of the licenses to avoid any Software piracy. Prominent Applications software include IBM Rational Seed, STADD PRO, Digsilent, RTOS, VLSI Design Tanner Tool Pro, Xilinx ISE 13.1, OR-CAD Engg. Suite, MATLAB, Simulink with various tool boxes, Lab View, Catia, Pro-E, Quark Express, Adobe Creative, Corel Draw, Sony Sound Forge, Prolog. MX roads, Microsoft Project & Primavera amongst others.

MR-ICT department is very serious about software piracy & network security from unauthorized access, virus, malware, ransomware etc. The external security threat is controlled by highly sophisticated Unified Threat Management systems. All the traffic is monitored by devices for any malicious content before finally it either leaves the organization or gets delivered to users inside the campus.

All the student, staff & faculty are allotted with free email IDs to communicate electronically as a step ahead for paperless smart university. ERP provides enhanced interaction with Management, Teachers, Parents & other students through web & mobile based application. It permits online Course Registration, Credit Registration and Exam Registration, access to Attendance, Time Table, Examination Schedule, Grade & Marks and Report Card and advance information about various events and holidays. It also provides easy access to Session Plan, Teaching Notes, Digital Content and evaluation methods for the courses they are undergoing; online Payment of fees and other charges including examinations, hostel, mess and transportation & submission of grievances.

It also incorporates online facility to provide feedback & rating of various faculties who are teaching them. The facilities offered to students can also be accessed by the Parents.

## HEALTH CARE FACILITIES.

A wide range of health and welfare services are available at MREI campus. It has a well-equipped dispensary for first aid and minor medical services, with a qualified Doctor and nursing staff to take care of the medical emergencies. MREI also has two well equipped ambulances to cater to any exigencies thus ensuring highest medical safety. Besides having the First-Aid room in the campus and a separate sick bay for boys and girls, there is a state-of-the-art, Dental and Physiotherapy OPD. Medical Consultant also is available during the specified hours on all working days.

MREI has tie-ups with renowned hospitals in Faridabad like Asian Hospital, Metro Hospital and Sarvodaya Hospital. These hospitals provide OPD and other medical service to Manav Rachna staff and their families/dependants, at discounted rates.

## TRANSPORT

- Manav Rachna Education Institutions have a fleet of luxury A/C buses to provide transport to the students for Delhi-NCR covering various locations of Delhi, Noida and Gurgaon. It has also fleet of Non-AC Delux buses for the Faridabad, Ballabhgarh and Palwal students. MREI buses are equipped with all safety devices like Fire Extinguisher, First-aid Kit etc. These are also equipped with GPS to track the bus location, route, speed etc. and speed governor to restrict the speed of the buses (as per the guidelines of the Supreme Court). Buses of MREI board & de-board the students inside the campus premises only at the scheduled time at arrival & departure.
- As a facility to M.R. campus students, MREI provides free Shuttle Service to & from Manav Rachna Badkhal Metro Station in the morning and afternoon.
- During end semester exam days, apart from regular routes, MREI provides shuttle service for Tughlakabad Metro Station, Delhi, Mathura Road (Badkhal Chowk) Faridabad & Pali Chowk from the campus.
- Seat numbers are allotted to all transport users on the basis of first come first serve. Transport Fee is collected one time in advance for the whole academic session at the time of availing transport facility. Transport ID Cards are given to the users for academic session every year. MREI provides free transport facility for the off campus hostlers. The complete transport information such as routes, fee structure, transport refund policy, guidelines etc. is also available at the website of MREI.



## CANTEEN & CAFETERIAS

Sumptuous multi-cuisine food options, the world's largest fast food chain SUBWAY, Nescafe, Chaigaram, a well-established food court providing varied options to the students (café woody's, 34 Chowringee Lane, a Juice Lounge, a Dosa Plaza, Momo Box, Sugar Shacks (Waffles)) among others.

## HOSTELS

MREI provides both on-campus and off-campus hostel accommodation for boys and girls with single, double and triple rooms. The hostel rooms are well furnished with essential modern facilities like TV, PCs, Wi-fi, Telephone, RO Drinking water, newspapers as well as games like Table Tennis etc. It has a well managed and hygienic mess, where nutritional needs and taste of students are taken care of. An ergonomically and aesthetically designed hostel basically meant for International students, is available with all state-of-the-art facilities. There are many categories of rooms in hostels-Air Conditioned, Non Air Conditioned, single seater, two seater, three seater and five seater rooms with attached/common bathrooms. Hostel fee is charged according to the room category chosen by the student, through DD or by cash. Medical facilities, medical insurance, library facilities and laundry facilities are also provided within the hostel fee charges. For more details, kindly login [www.manavrachna.edu.in/hostels/](http://www.manavrachna.edu.in/hostels/) and go through hostel rules booklet.

## BANK LOAN ASSISTANCE

MREI aims to support deserving/meritorious students in availing financial assistance for pursuing their higher education. In order to encourage students to take up higher education despite their financial shortcomings, nowadays, most banks are providing attractive loan facility to students. Details of such loans and procedure/documentation needed by various banks are given on respective bank websites. However to assist the students in obtaining the bank loans a separate cell has been set-up at Manav Rachna.

**The cell endeavors to:** Assist the students/parents to know more about the eligibility criteria, documents required by bank.

Assist them to fill the loan application form. Provide them with the University documents required by bank.

Manav Rachna Group has tied up with Credence to help students avail education loans easily from a number of banks and NBFCs. The education loans are offered based on the credit history of the co-applicant and academic performance of the applicant. However students are free to avail loan from any bank. Representatives of some banks remain available in campus during Physical Counseling days.

Manav Rachna has also partnered with Financepeer to help those candidates who require some financial assistance to pay their course fee (new admissions as well as existing students). During the counselling process, the candidates may be told about this facility in case they seek any financial assistance.

## CAMPUS WIDE SURVEILLANCE

Manav Rachna Campus is fully under CCTV surveillance at all the times of the day. This provides a better degree of security especially for the female students.

## WOMEN SAFETY- MANAV RACHNA LEADS THE WAY

Manav Rachna always stresses on the safety of its students and employees with a special emphasis on the safety of female students and staff. MR has always been working on the CSR activities by providing support to "Beti Bachao Beti Padhao Campaign" and "Gender Sensitization" among others. As a latest initiative, a workshop was conducted by MR Academic Staff College with the help of YEPZON India Ltd. A training by KRAV-MAGA team on Self-defense for women was organized, which was attended by over 350 female students and faculty.

## GOING GREEN WILL SAVE THE GREENS

MREI is not only working to make students smarter, but also its campuses smarter, more energy efficient and sustainable. Solar power is a big way in which it is accomplishing its goals, while reducing its carbon footprints. These include Solar Installations, Organic Composter & Golf carts to name a few. The system will generate approx. 1400 units per day, and has been designed in such a manner that first solar power will be tapped, then the grid or generator. The 308 KW grid connected roof top solar system under OPEX model is complemented by panels on the parking shed roof with a 10 KW connected grid, installed under CAPEX model. The beautiful and impressive open spaces and artistic positioning of the solar hardware will produce a sculpture like feel, emphasising the installation's magnitude. Indeed, going green will save the greens, reaching out for the most important star, our shared sun.



# RESEARCH, INNOVATION, ENTREPRENEURSHIP AND STARTUPS @MRIIRS



**Dr. Umesh Dutta**  
Director-MRIIC



**Dr. Sarita Sachdeva**  
Dean Research



**Dr. Abhiruchi Passi**  
Deputy Director-MRIIC

MRIIRS IS COMMITTED TO RESEARCH AND INNOVATION AS A CENTRAL PART OF ITS MISSION. ALL SUBCENTRES AND CORRELATED ACTIVITIES ENABLES THE STUDENTS TO IMPROVE THEIR SKILLS AND DO QUALITY RESEARCH EVEN AT UNDERGRADUATE LEVEL IN COLLABORATION WITH ACADEMIC PARTNERS AND INDUSTRIES FOR THE BENEFIT OF SOCIETY. THESE ARE UNDERTAKEN AT MRIIRS UNDER THE AEGIS OF MANAV RACHNA RESEARCH INNOVATION & INCUBATION CENTRE (MRIIC), COMPRISING FOLLOWING UNITS:

**Manav Rachna Research, Innovation & Incubation Centre**

## Research & Innovation Clusters (RICs)-

Mechanical, Automobile & Aerospace Cluster, Electronics & Electrical Cluster, Molecular Biosciences Cluster, Health Sciences & Nutrition Cluster and Civil, Architecture & Design Cluster

## Centres of Excellence (CEs)

- Mitsubishi Electric Centre
- Intel Intelligent Systems Lab
- Automotive Training & Research Centre (Honda Motors)
- Sport Science Centre
- Advanced Water Technology & Management Centre
- IBM Centre o Research Incubator (RI)
- Business Incubator (BI)
- IPR Cell

MRIIC is a seminal initiative, dedicated to Founder Visionary Dr. O.P. Bhalla whose dream was to encourage research, innovation and entrepreneurship to help students to develop professional entrepreneurial ability and mindset to set up their own enterprises. Since inception, the institution has been striving for excellence in education and research in consonance with India's contemporary and future needs. In addition to offering formal Undergraduate and Post-graduate Programs, MRIIRS encourages faculty and students to undertake in- house and sponsored research and consultancy projects to strengthen the research and innovation profile. These comprise Research & Innovation Clusters, IPR cell & Business Incubator and Centres of Excellence. MRIIRS has carved its indomitable position as a research-driven institution and conferred with awards, over the years.

## Research and Innovation Clusters (RICs)

Research plays a significant role in the process of conceptual thinking, learning and innovation. The Clusters provide technology and innovation support whereas Incubation helps the students to develop practical business models as startups or spin offs to become student entrepreneurs for working towards Government of India policy of "Make in India". With establishment of innovation labs in Mechanical and Electronics and preparing policies, strategizing the systematic approach to research innovation, and testing a pilot run, the Centre was officially inaugurated on January 01, 2014.

Across its 20-year journey with many milestones to its credit, MRIIRS has taken on the challenge of yielding applicable knowledge and dedicating itself towards several path breaking Research and Development initiatives. A 'Research and Innovation' culture has been initiated at the UG and PG levels.

The Institutions have thirty academic departments, one Research Incubator (RI), eight Research & Innovation Clusters (RICs), one Business Incubator (BI), one dedicated IPR Cell and six Centres of Excellence (CEs), The Institutions have to their credit, over 7800+ research publications in International Journals, National Journals, International Conferences and National Conferences, as also books.

Recently, Aarkaya Solar Solutions Pvt. Ltd. received top-up startup grant of Rs.10 lakh from NIDHI-DST Scheme under the aegis of National Science & Technology Entrepreneurship Development Board (NSTEDB), DST. MRIIRS has submitted research and developmental projects worth Rs. 100 crore to Atal Incubation Centre (AIC), Central Pollution Control Board (CPCB) and Department of Science and Technology (DST). The Institutions have tie-ups with more than 63 Global collaborations, with more than 500 MNCs & Indian Corporates who patronize in one way or other. Other prominent collaborations are IOCL Faridabad, THSTI, Faridabad, Kisan Sanchar and NII, New Delhi.

Presently, the Centre is actively engaged in research projects by adopting interdisciplinary approach in addition to other activities like Competitions & Projects, Publishing, Sponsored R&D projects, Training in Advanced Areas or future technologies, Product Development, Collaboration & Consultancy and Patents & IPR. Some of the notable innovative projects developed by students at Research and Innovation Clusters of MRIIC are shared here

**1. PULSE:** This Project is the combination of Electro-cardiography, heart rate monitoring and activity tracker that works together to analyze the heart parameters so as to find out any abnormality related to the Heart. This unique gadget utilizes Machine Learning and artificial intelligence services to analyze heart data & detect possible future complications in patients.

**2. TITCHY:** This project is a non-invasive technique for the detection of Tuberculosis using Image Processing. It is portable gadget and is designed along with an application and makes use of Microsoft Azure Cloud Services for storing the image samples collected from the patients.

**3. TECH\_KINS:** These have been designed a unique & innovative life-saving device of people in the Electrical Industry, minimizing the chances of being electrocuted.

**4. SMART HEALERS:** Pressure ulcers, also known as pressure sores, bedsores and ulcers, usually occur over a bony prominence as a result of pressure, or pressure in combination with shear and/or friction. SMART HEALERS is an app, where the patient selects the areas where he / she is affected. After the person lies down, the body is mapped on the sides and the back. The machine learning module determines the most suitable posture. Then, the bed inflates and deflates itself and the person is relieved.

**5. HELIX:** This project is a digital notebook that replaces your stack of stationary and overcomes those limitations of traditional paper. It is specially designed to make reading, writing and sharing of work a wonderful experience. It is a perfect tool for students, artists, professionals, journalists, writers and everyone whose life revolves around paper.

**6. E 2.0:** BIVIDA is a block chain and AI powered Open Data Platform for tenders that open up public contracting through disclosure, data and engagement providing transparency, accountability and improved efficiency in the process of tendering and procurement.

**7. CAELI:** It is the world's first smart automated drug delivery and anti-pollution mask specifically designed for asthmatic and other chronic respiratory patients. It is highly portable and just fits inside the pocket easily.

**8. App. Development:** Students have developed Digital Web Development Media and alongside Android App for Umeed NGO, New Delhi with support of Umeed Organization and Swachh Green App. under the mentorship of FIA.

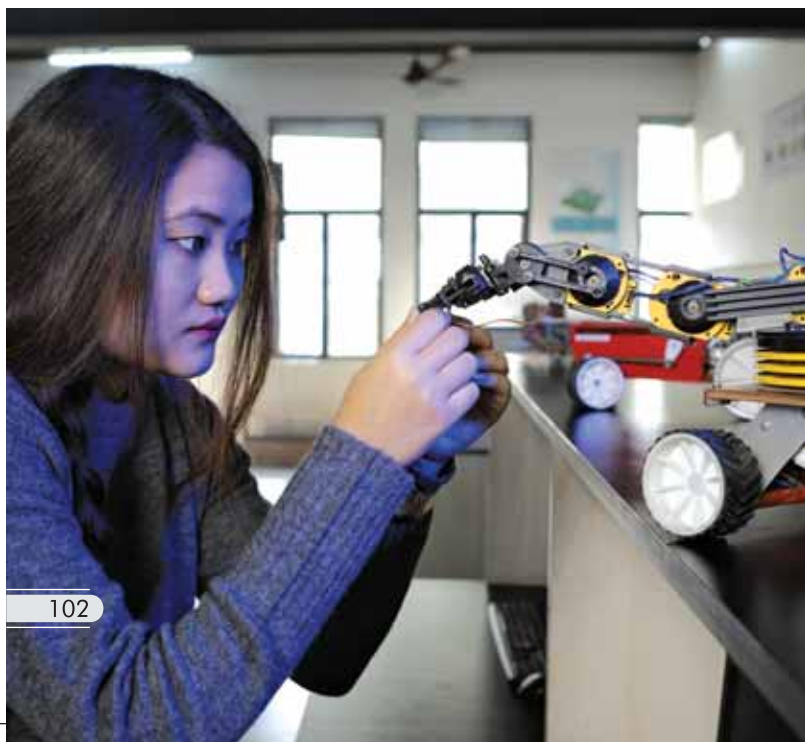
Besides, these prototype projects the students have also developed a large number of projects including Swastika, IRRI-BOT, [www.queryjunction.com](http://www.queryjunction.com), the smart pollution sensor, Plant-O-Bot, Driving Simulator, RFID Entry System, Biometric Bus Attendance Machine, EnvirO, Project Shwaas, Dental Posture Correction System, Project 'GRIWADITI', Solar Driven Car: Award Winning Project, Smart Extension Board, Schedulable Extension Board, Universal Remote (Android App Based), IOT Based Home Automation System, Smart Dust Bin, Real Time Weather Monitoring System, Electric Wheel Chair, Biometric Secured Access System, Black Box for Vehicles and many more.

Year on Year, students have been sweeping away the top honours' at the most prestigious innovation challenges. Following league, MR students have bagged the "Jury Choice Award" of the Accenture Innovation Challenge 2018 held at Bengaluru. Sixteen teams were selected from all over the country for this grand event from among 13,000 projects.

The competition was tough and standard set were very high. Despite phenomenal competition from the best brains across the nations; our project VET (# Virtual Exposure Therapy) which is a Therapy to treat patients of Phobia, Depression and Mental Trauma won the hearts and the award. The team was awarded with prizes worth Rs. 15,000 each and an Apple iPad (128GB), for every Team member.

**Virtual reality exposure therapy (VRET):**

This solution can provide an alternative treatment that is more efficient (faster results) and does not require the help of a psychologist. Making this treatment accessible in many health centers or hospitals can allow faster access to treatment to improve the mental health of patients. The main target is to make this platform available at home and improve the VR platform to recreate different stressful scenarios. Making available to larger audiences a treatment that allows the patient to immerse into the stressful scenario is a unique way to face the fear stimuli and build resistance to the PTSD effects. Completing sessions of treatment in VR environments will require less frequent consultation with a psychologist and can be moderated by regular medical personnel. This allows a greater number of patients to have frequent therapy sessions that guarantee therapeutic results and it is a more affordable option due to its digital nature.



**MITSUBISHI ELECTRIC CUP 2019:** Project OTRMARK developed by the students of MRIIRS has made it to top 35 projects selected for the national finals of Mitsubishi Electric Cup. OTR Mark is a one-of-a-kind, cloud-based authentication engine that uses state-of-the-art Artificial Intelligence & decentralized block chain database to detect and reject fake goods. The invented solution has already been accepted for provisional patent application.

## AICTE-CHHATRA VISHWAKARMA AWARDS

**2018:**

## RENESAS GR LYCHEE DESIGN CONTEST 2018:

## IESA MAKEATHON- VISIONSUMMIT 2018

Students took part in the India Electronics & Semiconductor Association Vision Summit 2018, held from 27th-28th Feb 2018 at Hotel Leela Palace, Bengaluru. The theme of the event was "Resurgent India: Electronics, Entrepreneurship and Economy". Student team-"TECH KINS" from MRIIC was selected for the Makeathon event where students had to convert the idea into a prototype in 24 hour time span. Around 100 teams from various prestigious institutions of the country applied for this event and 29 teams were selected for the final rounds of IESA-Makeathon 2018. Team TECH KINS, developed an intelligent system that aimed at minimizing the chances of workers being electrocuted at industries. Students were awarded US\$ 500 worth of Amazon Web Services coupon + US\$ 500 worth of Digital Ocean credits.

## SAE E-BAJA

Society of Automobile Engineering (SAE) conducts various competitions where students have to design and manufacture a running vehicle. E-BAJA is one of the events conducted by SAE, the team of students are involved in designing an All-terrain vehicle (ATV)/ Off-road vehicle whose source of power will be Motor and Battery. The event which took place in Indore in January 2019 saw the participation of Team Cool Runnings.

## CONSULTANCY

In recent past, MRIIRS has provided consultancy services to numerous organizations and some of the areas of consultancy rendered are GST Regime & implementation, engineering solutions to Orient Electric, design and development of Prototype BMI Machine, Smart Bar Machine - Adelantos Technologies Pvt. Ltd., Cultivation of Safed Musli for sustainable land use, Revival of Badkhal Lake, Faridabad, Rainwater Harvesting for managing water logging prone areas in Faridabad, Decision Support System for adoption to climate change for Budiacatchment area, State Action Plan on Climate Change of Haryana, Establishment of WASH Innovative Lab under tri-partite agreement amongst MRIIRS erstwhile (MRIU), MCF and National Institute of Urban Affairs, Creation of Green Barrier under the Delhi Metro Rail Corporation (DMRC) metro tracks etc. During last one year, the institutions have received / have been sanctioned grant of more than Rs 25 lakh.

## RESEARCH INCUBATOR

As an integral part of student's growth in research and development, MRIIRS proudly conducts student driven research programme at B.Tech. level from the past few years. Since launch in 2016, the Research Incubator programme remains thoroughly focused and dedicated towards yielding several path breaking research and innovation activities. More than 280 research papers are already published/communicated in Scopus, WOS, SCI, SCIE databases and presented in conferences, of which 92 papers got published / accepted and 123 papers communicated in reputed and related national and international journals; all indexed in last few years only from this initiative apart from several faculty and research cluster driven work going in the campus.

The framed objective has been achieved through a series of process and curriculum building over the foundation of current trends of research where students have been nourished through impregnating courses like RIC, Project Internship Seminars in third semester onward in the curriculum which is guiding them for developing research and technology driven projects during their final year. This is a unique accomplishment rarely heard from UG level students even in the premier institutions which has been successfully flourished in the direction of Excellence in Research and Innovation.

## BUSINESS INCUBATOR

Manav Rachna Business Incubator (MRBI) is nurturing and overseeing innovation and entrepreneurship at Manav Rachna Campus. With a rich tradition of incubation through bodies such as the NewGen Innovation and Entrepreneurship Development Centre has also pioneered innovation with groups such as the E-cell, MRBI will leverage these experiences and give entrepreneurship a stronger push as well as serve to coordinate and promote innovation-driven activities at the institute.

MRIIRS has been granted financial support of Rs. 2.87 crore from DST-NESTEDB, Govt. of India for setting up of a Manav Rachna New Generation Innovation and Entrepreneurship Development Centre (MRNewGen-IEDC) in the campus to nurture student- entrepreneurial ventures. Its physical working space is more than 5000 sq. feet area with latest amenities including internet, Wi-Fi, conference rooms, multimedia projector, pantry, and recreational area. Each startup will receive funding of Rs. 2.5 Lakh for the developmental work along with recurring grant. Total 85 startups will be incubated in next five years times. 16 startups are







incubated/ being incubated, out of which 04 Startups- TechnoPlanet Lab Pvt. Ltd., HyFn Games Pvt. Ltd., Tricho Agronica Pvt. Ltd. and Parimukh Innovations Pvt. Ltd. are already incubated in support of Manav Rachna & IOCL, Faridabad and 12 startups under NewGen IEDC-DST sponsored projects are in progress. More than 76 alumni started their ventures out of 23 are successfully running their ventures.

Some of the notable incubated startups of Manav Rachna students under the banner of MRBI, MRIIC are given below:

**1. Techno Planet Lab Pvt. Ltd.-** A company working in education space to develop new age tools, technologies and programs to create engaging K-12 learning experiences with an ultimate objective to revolutionizing education. In 21st century, technological advancements are rapidly disrupting industries with new trends evolving like self-driving cars; digital shopping; virtual worlds; life on mars.

**2. HyFnGames Pvt. Ltd.-** The mission of HyFn games is to create games of science fiction genre. Besides the obvious entertainment that games provide, they also create the base for young people to learn. They plan to work in the field of Artificial Intelligence and Augmented Reality in upcoming future.

**3. Tricho Agronica Pvt. Ltd.-** Tricho Agronica Pvt Ltd, the Start-Up has received a grant of Rs 172 lakh under Indian Oil Startup Scheme (IOSUS), a "Start-up India" initiative announced by Prime Minister Shri Narendra Modi. The vision of the company is to provide Lab to Land-an eco-friendly approach. It aims to promote, develop & provide eco-friendly products and technologies in safer, cost effective and sustainable manner.

**4. Parimukh Innovations Pvt. Ltd.-** A team of engineers from various background and expertise took the problem of Air Pollution and other environmental problem to be tackled with engineering products. Team Parimukh is catering this, with their knowledge and experience from different sector they have already developed and offering PARIYANTRA Air filtration system & working on different technologies as well.

### Startups @ NewGen IEDC

**1. Aarkaya Solar Solutions Pvt. Ltd.-** Aarkaya designs, innovates and upgrades the existing solar solutions to suit domestic, corporate and commercial needs. We have indigenously developed Smart Self-sustainable Solar Products that caters the need of Smart and Secure India. We have a unique development approach with research and innovative proprietary processes that enable us to deliver leading edge performance and innovations for the nation and its development. With the total revenue generation of 16Lacs+, they have successfully completed 12+ installation projects and they are now ready with their prototype of solar product. Their concept of smart solar products is highly appreciated and endorsed by the Scientist Dr. BN Sarkar (DSIR) and PCS officer and Chief Project officer UPNEDA Mr. Alok Kumar. Aarkaya Solar Solutions Pvt. Ltd. received top-up startup grant of Rs.10 lakh from NIDHI-DST Scheme under the aegis of National Science & Technology Entrepreneurship Development Board (NSTEDB), Department of Science and Technology, Govt. of India.

**PAXCURA:** Restore your peace- It brings to you a 24X7 counseling facility for keeping better mental health thereby leading to positivity and growth in life. Pandemics like the current Corona virus (COVID-19) can be scary and can affect our mental health. The outbreak of COVID-19 may be stressful for people. Fear and anxiety about a disease can be overwhelming and cause strong emotions in adults and children.

### UNDER INCUBATION

**Tackyon Motor Sports Private Limited -** The aim is to redesign electric vehicles so they stand out from the crowd of the huge two wheelers available in the market and to never neglect their performance abilities. The team has an electric scooter custom made from scratch, which is well tested in all weather conditions. Also, surveys have been conducted in well established markets related to their products.

**Nature's Drop-** The idea of the startup is to create 100% natural range of health drinks with no added preservatives initially focusing on the youth of nation by introducing it in schools and colleges. These are immunity boosters, antioxidant rich, high energy nutritional drinks with a completely different taste and combination of ingredients. The startup has successfully developed 2 drinks and is currently into certification and testing phase for both the drinks. Several kiosks have been setup for market response.

**Greenity-** The startup's product 'Smart Chair' is an innovative step towards generation of electricity from non-polluting sources rather than from conventional sources of energy.

**Campus Dock-** Our product is highly dynamic, can grow and change as the organization changes. Our product follows the industry standards for design and technical guidelines. Our target market is untapped and with new steps towards digitalization creates emergence of such services. Dynamic nature allows us to easily scale and extend our product to various sectors.

**GeAr (Smart Watch)-** The idea revolutionizes the communications world by redefining how people communicate. It provides complete physical freedom to the user when the user is on a call by using a smart watch integrated with a novel technology which allows users to communicate with their hands. In the era of approximately 2-5 billion smart phone users it has huge potential to give privacy aimed physical freedom to the world.

**ThapKrida-** The idea is to create simple, addictive games for casual games on iOS and android platform.

**Naturoplasts-** It is an initiative to create biodegradable plastics from underutilized natural resources. The newspapers and TV channels are flooded with the harms/problems the environment is facing. One of the causes is pollution due to plastics usage. Nano wrap is such a product made from banana flour, also cheap, biodegradable and soluble.

**TFT Innovations-** This is a new, highly dynamic, scalable and innovative product that caters to both industrial & residential market. It works as a surface protector to walls, floors, glasses, worktop surfaces etc both inside and outside your home, offices or for any industrial use undergoing

renovation, new construction or any other modifications. It is an affordable product which requires less effort, saves time, easy to use & dispose, beneficial during rainy season & during paint. It is stain & dust resistant.

**Med Life Care-** This is a service based startup. The service is basically for patients and healthcare professionals. It targets to improve relations between patients and healthcare providers through data sharing. The medical data management in hospitals would be improved via digitalizing. This venture supports Digital India mission and Right to Information.

**Night Labs (Hel-tech)-** Night lab aims to develop products and services using advanced technologies in order to ensure good quality of life and safer surroundings for mankind. We focus on making machine smart and intelligent so that one can increase their efficiency and productivity. Hel-tech is an advanced form of traditional helmets, loaded not only with high tech features but also ensures that you are having a comfortable and secure journey.

**Intellectual Property Rights (IPR) Cell-** In an Institution, Intellectual Property (IP) can be considered as the outcome of research projects, collaborations, consultancies and other activities. It is imperative that an IPR cell must be established for any self-sufficient university to meet the needs of the academic fraternity. After its establishment in February 2017, many workshops have been organized for creating IPR awareness program. IPR Cell also organized patent drafting training for the inventors. The IPR Cell has been conferred with awards too.

## Centres of Excellence (CEs)

Under the aegis of MRIIC, a few Centres of Excellence (CEs) are established in collaboration with reputed industries, to enhance the training & research skills of MR students:

**1. Mitsubishi Centre of Excellence-** Manav Rachna has always believed in imparting education that is customized to suit industry's demands and provide high quality trained manpower to the industry. In pursuance of this aim, Mitsubishi Electric India (MEI) and MRIIRS have joined hands to establish Mitsubishi Factory Automation Lab. The Lab is a new addition in EEE department of FET and has been set up to provide training/ seminars/ demonstration to students/ faculty of FET, MRIIRS to develop their skills in automation technology. MEI has signed an MOU with MRIIRS under its CSR initiative for spreading awareness about automation amongst young Indian engineers & contribute to the Indian market via its products & technologies. This set up is based on the latest technology utilised by Honda & Suzuki. Soon, more companies are likely to adopt the same technology.

**2. Intel Intelligent Systems Lab-** Under this lab Students training programs and faculty development programs will be held to provide the students with knowledge of whats going on latest in the Industry. Students will get an opportunity to work on Intel Xeon® Processors, Intel Parallel Studio Software, Intel System Studio Software, Intel AI development Tools, Intel AI Software Libraries, Intel® Frame Work Optimization, Movidius™ Neural Compute Stick & Intel FPGA Boards. In the IoT Space the students will get to learn about Intel Galileo, Intel® Edison Boards along with other popular boards like Raspberry Pi & Arduino for designing IoT Systems.



**3. Automotive Training & Research Centre (Honda Motors)-** The Department of Automobile Engineering in association with Honda Motorcycle and Scooter India Private Limited (HMSI) has opened a centre for Automotive Training & Research. In this association HMSI has provided technology support for setting up training and research infrastructure for students. This association provided a platform to students of Mechanical/ Automobile/ Electronics & Electrical branches to take up research projects in emerging areas in association with HMSI. This Automotive Training & Research will also offer short-term courses for two-wheeler technicians & high-end courses for executives of HMSI.

**4. Sports Science Centre (MRSSC)-** The vision is to establish a flagship centre of excellence in India that will provide Sports Science and Rehabilitation facilities to support elite level athletes, in professional sport, at the international level, and grass root youth elite level, while enhancing India's sporting performance and yield of medals at the Commonwealth and Olympic levels, the International World and the Asian Games. MRSSC has a variety of expert health professionals and academicians. The team consisting of academics, sports medicine specialists and allied health professionals provides an array of in-depth support and services to both high performance athletes as well as aspiring ones who wish to improve their performance. The institute also provides lifestyle management, fitness training and health and well-being support for all individuals. Renowned Olympians associated with CSSR work directly with ISSR team to ensure that the strategic plan is perfect for supporting both Olympic standard & junior athletes as they develop from the grass root level. Many have brought laurels to their alma mater.

**5. Advanced Water Technology & Management Centre of Excellence-** As cities around the world expand, the need to ensure their sustainable expansion, efficient operations, while maintaining a high quality of resident life becomes greater than it is today. This is where smart cities come into the picture. A critical factor for the growth and sustenance of a smart city is its water system. The term "smart water" points to water and waste water infrastructure that ensures this precious resource and the energy used to transport it is managed well. The report submitted on Badkhal revival to Hon. CM Haryana is being implemented for revival of the lake by Smart City Pvt. Ltd. Faridabad.

With this background, Centre for Advanced Water Technology & Management (CAWTM) has been setup at MR Campus, comprising scientists, technocrats, professionals, academicians, RWA members, etc. as the Manav Rachna consortium. The Centre has been bestowed with numerous awards, allocated international grants and support, bagged assignments & consultancies from corporates.

**6. IBM Centre of Excellence-** IBM Centre of Excellence has been created in the campus in collaboration with IBM. Here, programmes offered are B.Tech.- Computer Science & Engg. Programmes with specialization in Cloud Computing, Business Analytics & Optimization, IT Infrastructure Management and Cyber Security & Forensics. IBM provides LMS, Train the Teacher Programme, Student Projects, Expert Lectures, Industry connectivity for students and teachers to enable them to experience the live IT Environment. Students acquire domain skills in the most advanced areas of IT and preferential placements by IT companies and their skills are strengthened with understanding of big data and analytics to create tomorrow's highly skilled analytics professionals.

**Other research related milestones**

The deteriorating air quality in and around Delhi-NCR is of grave concern with contaminants in the atmosphere affecting people's health. To compare the air quality of indoor and outdoor air environment and provide a good learning research environment to students, the 'Air Quality Monitoring Lab' has been set up at Manav Rachna Campus by Department of Civil Engineering, Faculty of Engineering and Technology (FET), Manav Rachna International Institute of Research and Studies (MRIIRS). The Air Quality Monitoring Lab supported by DST, Gol Mis has been established to understand the aerosol chemistry in Delhi-NCR region.

MRIIC-Annual Technical Events Celebrating the spirit of innovation and research amongst the future leaders of tomorrow, INNOSKILL offered a platform to the young tech-geeks to showcase their creativity and ingenuity in a bevy of riveting games and challenges. Venturing out-of-the-box and competing head to head in a bid to unfurl their passion and interests in aero-modeling, engineering, Lego race championships and more.

**INNOSKILL 2019**

Award Winning Projects of MRIIC Research & Innovation Clusters:

Manav Rachna students have won many prizes at different platforms but some of their achievements are highlighted below:



■ Team Caeli won the People's Choice Award in the Cisco Global Problem Solver Challenge in 2020.



■ Team Caeli were the National Finalist in the Lexus Design Awards held in 2020.



■ Team Caeli were the National Runner Up in the James Dyson Awards held in 2019.



■ Team Caeli were the Silver Award Winners in Aarohan Social Innovation awards organized by Infosys Foundation held in 2019



■ Team Caeli bagged the 1st Position in the Asia finals of Microsoft Imagine Cup held in 2019.

■ Team Caeli won the 2nd Place in the World Finals of Microsoft Imagine World Cup Championship held at Seattle USA in 2019.

■ Mr. Akash Bhadana was the awardee of TCC Rex Karamveer Global Young Leaders Fellowship in the year 2019.



# LIVE. LOVE. LAUGH.

## Campus stay

SUCCESS COMES EASIER WHEN YOU HAVE A COMMUNITY OF PEOPLE CHEERING YOU ON IN THE CAMPUS. THROUGH CLUBS, EVENTS, ACTIVITIES, AND MORE, YOU'LL FORM COMMUNITIES THAT CONNECT YOU TO EXCITEMENT, NEW EXPERIENCES, AND ALL-AROUND SUPPORT AND CARE. BUILD YOUR COMMUNITY ON CAMPUS. GET INVOLVED IN CLUBS, STUDENT SERVICES AND VOLUNTEERING. HIT THE CLUBS. WHATEVER YOUR INTEREST OR HOBBY, THERE'S A CLUB FOR THAT. OUR SOCIETIES, AND ASSOCIATIONS HELP YOU MAKE FRIENDS, FUEL YOUR PASSIONS, AND LEARN NEW SKILLS. GET YOUR VOICE.



# RESEARCH, INNOVATION, ENTREPRENEURSHIP AND STARTUPS @MRU



Dr. Pradeep K. Varshney  
Dean Research

Research plays a significant role in the process of conceptual thinking, learning and innovation. Since its inception, the Institution has been striving to achieve excellence in education and research in consonance with the contemporary and future needs of India through meaningful education, original research and leadership in technological innovation for the industrial growth of the Country. With the path-breaking innovations in both its curriculum & research, the Institution is rapidly gaining a legendary reputation globally. Innovation Clusters and Centre of Excellence are providing technology driven support which helps them in incubating business models as startups or spin offs to become student entrepreneurs for working towards Government of India policy of "Make in India", "Stand Up India", "Startup India" and "Self Reliant Bharat".

Innovation journey of University started when a team from MRU won the national finals of Microsoft Imagine Cup 2015 for developing Manouve, a multi-utility wearable haptic device for the blind and bagged the prestigious honour of representing India at the world finals of the competition in Seattle, USA. The innovation culture was started in 2011 by establishing innovation labs in the area of engineering disciplines. At present, University has many specialized labs/ centres of excellence for experimental research/ product development activities, established in collaboration with industries and knowledge partners and are following National Innovation & Startup Policy (NISIP)-2019 guidelines for promotion of innovation activities to a large extent, which include:

1. Manav Rachna Centre of Excellence for
  - i. Air Conditioning (Daikin India Pvt. Ltd.)
  - ii. Product Design & Development (Altair and DesignTech.)
  - iii. Energy
  - iv. Alternative Dispute Resolution
  - v. Peace and Sustainability (Institute of Peace Research & Action)
  - vi. Legislative Studies & Research
  - vii. Block Chain Technology
2. Research & Innovation Clusters
  - i. Research Computing
  - ii. Material for Environmental Sustainability
3. Institute Innovation Council (IIC) established in support of Ministry of Innovation Cell (MIC), MHRD-AICTE as Pre-incubation facility
4. Intellectual Property Rights Support (IPR)
5. Entrepreneurship Cell (E-Cell)
6. Tinkering and Fabrication Innovation Centre
 

Under MRU-IIC, students are encouraged to participate in Competitions & Hackathons, work on industry projects as consultancy and patent filing. Some of the major achievements of research and innovation activities of the University faculty members and students are summarized below:

Category	Total Nos.
Research Publications (Databases like Scopus/ WOS)	1280 (367)
University h-index	26
IPR Filed/ Published/ Granted to faculty (INDIA/ USPTO)	38 (13 +16+ 9)
Start-ups Graduated/ Mentored by faculty member of other University students	2+2=4
Start-ups ongoing/ Mentoring by faculty member for other University students	2+1=3
Start-ups got funding from NewGen IEDC-MR	7
Prizes Won/ finalist (Microsoft Imagine Cup)	2015/ 2019
AICTE-Smart India Hackathon-2019 and 2020 Prize won By our two teams under software category	2
Other Competition Prizes won by the students	38
One of our team ranked top 20 teams in Singapore India Hackathon	1 (2019)
One team qualified for Finale of Smart India Hackathon 2020 of hardware category	1 (2020)
Two teams qualified for National Anveshan to be held in near future.	2 (2020)
Institute Innovation Council (IIC) established in support of Ministry of Innovation Cell (MIC) of MHRD-AICTE (Star rating for IIC 1.0 and IIC 2.0)	4 Stars amongst top 150 Universities

University believes in partnerships through research and innovation collaborations with 46 foreign universities, industries and research organizations are essential in delivering its overall strategic aims. At present, University has a strong industry institute interaction with Altair and DesignTech Pvt. Ltd., Daikin India Pvt. Ltd., Xebia, Quick Heal Technologies, Infosys Pvt. Ltd. Central Electronics Limited, Srijan Sanchar, Truechip, BIMTECH, Sahai Research Labs, ICT Academy, Trans Neuron Technology, Hitachi Vantara, Sofocle Innovations Labs Pvt. Ltd. and many more. Students use various laboratories and Centres for their innovation-oriented projects based on their interest in product design, development, Communication VLSI, Embedded System, RF design, FPGA, Solar, IOT, Robotics, software development, etc. Some of the innovations developed by the students like Landslide monitoring through drones, Use of AI based Chatbots for providing health related information, PurAirs, D'Scens, Streakshs. It has resulted into placements of our students in renowned companies like LinkedIn, Amazon, Google, Apple, Jaro Education, Lido learning, True Chip, Samsung R&D, Blue Star, Maruti, Daikin, Tata Motors, JBM to name a few.

## Research & Innovation Clusters (RICs)

Research and Innovation Clusters provide technology & innovation support whereas Incubation helps the students to develop practical business models as startups or spin offs to become student entrepreneurs for working towards Government of India policy of "Make in India".

The Innovation and Incubation Centre has three Research & Innovation Clusters (RICs), three Centres of Excellence (CEs), one IPR Cell and one Business Incubator (BI) which is supported by nine departments of the University. These units are actively engaged in research projects by adopting interdisciplinary approach in addition to other activities like Competitions & Projects, Publishing, Sponsored R&D projects, Training in Advanced Areas or future technologies, Product Development, Collaboration & Consultancy etc.

To facilitate the quality research, research clusters in the area of Material Science, Environmental, Atmospheric, Mechanical and Computer Science have been established. These are the close research groups who are active in research fields of common interest & also associate interested students to work on various problems.

## Research Computing Cluster (RCC)

Research Cluster of Computing (RCC) has been established in 2017 with its foundation based on Ideation-Innovation-Incubation-Impact. RCC has been formed to foster research and innovation among students and faculty teams, and applying them for solving real time problems in Computing Science and inter-disciplinary areas. The cluster would cultivate a community based on principles of team building, socially responsible, technically capable youth that can transform industrial and research based problems into opportunities. The core objectives of the research cluster are:

- Hands-on practical experience through live industry projects
- Funded research projects and publications
- Training students on advanced technologies
- Quality patents and encouraging students towards Competitive platforms.



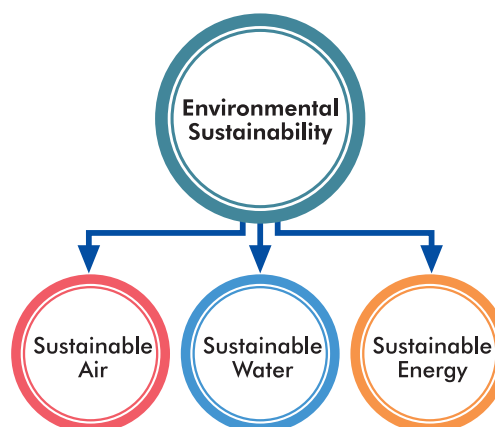
Verticals:

1. Cyber Security
2. Data Analytics (Machine Learning and Deep Learning)
3. Block chain Technology
4. Internet of Things (IoT)
5. Web and Mobile Application Development

The following projects are undergoing in the cluster:

## Material for Environmental Sustainability Cluster

Material for Environmental sustainability cluster is to be a centre for knowledge generation through research in the frontier areas of new, economical and environmentally safe materials. The cluster will establish itself at National and International level, and will publish the research work relevant for societal needs and sustainable development.



Some of the research activities going under different verticals of cluster are summarized below:

Area	Project Title	Brief Summary of Project
Sustainable Water	Biological treatment of Industrial wastewater	This project aims to identify suitable biological agent for industrial wastewater treatment.
Sustainable Energy	Synthesis of Biodiesel using waste cooking oil and biomass feedstock	This project aims to explore utility of waste cooking oil/ tree borne oil/ algal oil for biodiesel production
Sustainable Material	Green synthesis of Super adsorbent polymer for different applications.	This project aims to explore greener pathway for synthesis of super adsorbent polymer and its application in industrial sector as well as ecological restoration.
	Extraction of metals from E waste using biological agents.	This project deals with the investigation on potential of microbial strains for uptake of metals from E -waste.





### Sahai Research Labs

This cluster aims towards development of innovative projects which are multidisciplinary in nature. Sahai Research Labs has been voluntarily organizing expert talks from industry experts and currently following two projects are open.

1) ML/AI based Virus detection using X-ray Imaging

Idea is to build a classifier based on X-Ray imaging for positive and negative cases and use it to detect COVID-19 on test subjects.

2) Data Analytics prediction for travel restriction in areas affected by COVID-19

Depending on the data available from free sources on the number of positive cases per area, predictor to help plan travel to an unknown area.

### IPR Support

Intellectual property (IP) encompasses the expression of ideas, information and knowledge. IP includes not only discoveries and inventions but also music, literature and other artistic works, as well as words, phrases, symbols and designs.

Intellectual Property Rights (IPR) are the legal rights protecting the owners of IP. The first owner of IP is normally either the person who invents, authors or designs the IP, or his/her employer (depending on the contractual arrangements governing his/her work). Commercial exploitation of the IP can occur directly by the owner of the IP, or by licensing the IP to be used by other companies.

Academic and Research Institutions are concerned with successfully managing projects and research initiatives and the protection of their IP Rights which will benefit all stake holders. Manav Rachna I.P.R. Cell is governed by the University Intellectual Property Rights Policy.

### Entrepreneurship Cell

Entrepreneurship in India is yet to reveal its true potential. Manav Rachna University's Entrepreneurship Cell is a student-driven body, focused on providing a platform to students to achieve their goals and enrich the entrepreneurial eco-system.

The MRU Entrepreneurship Cell has constantly been providing a helping hand in encouraging and motivating all the budding entrepreneurs. It is an established platform that strives to mould vibrant and enthusiastic students into successful entrepreneurs. Besides kindling the latent entrepreneurship skills in young minds, they are provided with ample opportunities to fine-tune themselves, so that they could make a change for the betterment of our society.

We at MRU E-Cell aim to spread awareness about entrepreneurship and motivate students of MRU to become entrepreneurs and build their personality. Our positioning statement "Passion Meets Opportunities" guides us to our mission.

#### Few activities organized by E-cell:

- E Quiz on Vocal for Local: The Self Reliance Mantra
- Workshop on Idea Generation
- Idea Pitching Workshop by MRU E-Cell
- MANAV RACHNA UNIVERSITY ENTREPRENEURSHIP CELL ORGANIZED ITS E-WEEK "संRachna"

### Tinkering and Fabrication Innovation Centre

A workspace where young minds can learn innovation skills, sculpt ideas through hands-on activities, work and learn in a flexible environment and to utilize it for the Vocational training program which is offered to all students of Engineering program. The Centre will help in promoting creativity, Innovation and entrepreneurship skills within the students. It will also motivate the students to take up the challenge of innovation and skills through the use of the lab which would go a long way in shaping their minds and careers.

Students of all branches will make a team and develop various types of projects as per the requirement of various National/ International competition organized by such as SAE BAZA, Mitsubishi, Altair, Design contest, Hackathon by applying the knowledge of app development and controlling hardware through the created applications.

### Manav Rachna Business Incubator Support (MRBI)

Manav Rachna Business Incubator is an initiative towards nurturing the innovative instinct of the students, alumni and faculty of MREI. With an objective to cater to the needs of students and faculty members who are inclined towards research, innovation, novel ideas and to encourage research and entrepreneurship, MRBI is equipped with all types of design, fabrication, manufacturing facilities to facilitate the growth and success of startup and early stage companies. We at MRBI, also provide a good path to capital from angel investors, state governments, economic-development coalitions and other investors. At MRBI, business not only gets access to a potential buffet of capital choices, but also a host of intangible benefits including mentorship, expertise and networking.

MRBI offers integrated, customized Innovation-Based Incubation support services. It scouts for ideation for development of business concepts and works for inculcating skills and competencies through capacity building/ training programs for evolving enterprises. Regulatory, financial and administrative help form part of the services, and networking opportunities with potential investors, practitioners and collaborators are endless.

## Startups supported @ Manav Rachna Business Incubator (MRBI)

Manav Rachna Business Incubator (MRBI) is nurturing and overseeing innovation and entrepreneurship at Manav Rachna Campus. With a rich tradition of incubation through bodies such as the 'NewGen Innovation and Entrepreneurship Development Centre MRBI has pioneered innovation among its young members of under graduate student community. Some of the projects that are under the various stages of incubation or have incubated from the University and are now established as Pvt. Ltd. Company are:

### Startups Graduated

#### ■ Techno Planet Lab Pvt. Ltd.-

Technoplanet is a company working in education space to develop new age tools, technologies and programs to create engaging K-12 learning experiences with an ultimate objective to revolutionizing education. In 21st century, technological advancements are rapidly disrupting industries with new trends evolving like self-driving cars; digital shopping; virtual worlds; life on mars. Envisioning how these disruptions will play out in our children's lives opens up a whole lot of new questions, and necessitates paradigm shifts in how we are thinking about education today. They also offer equipments and solutions to setup the Atal Tinkering Labs as envisioned by NITI Aayog. [www.http://technoplanetlab.com](http://www.technoplanetlab.com)

#### ■ Aarkaya Solar Solutions Pvt. Ltd.

An idea to provide modern, smart and self-sustainable way of using renewable energy. Prototype ready and installation of setup at domestic and commercial level. Received Rs. 10 Lac Grant from NIDHI-DST, Government of India for acceleration purpose. Startup mentored by MRU faculty member.



■ **Coating Vala Solutions (TNT Innovations):** The team developed an extremely affordable surface protection machine for coating of floors and important equipment to protect them from dust and paints.

■ **Thap Krida:** The team started in January, 2018 and developed 5 games namely Blost, Topple, Tile surf, Hop shot, Monster Yard and published them on google playstore and apple appstore. The startup aim is to make hyper casual games that can be played by a 6 year old kid and his 60 year old grandfather. Presently, they are working for a Canada based gaming company to gain some knowledge that can help us monetize our games.

Startups supported @ NewGen IEDC, Manav Rachna and under incubation

■ **Vagabond Brains:** Vagabond Brains offers a solution to companies to stand out of the crowd through digital marketing services. Vagabond brains, incorporate all the digital marketing techniques such as SEO, SEM, content management to help the company experience the tactics of online business in terms of more visibility on the net and footfall. Unable to proceed further due to unavoidable reasons.

■ **Greenity:** The startup's product 'Smart Chair' is an innovative step towards generation of electricity from non-polluting sources rather than from conventional sources of energy. Unable to proceed further due to unavoidable reasons.

■ **Ferrox Technologies:** An innovative ideology that aims at revolutionizing commercial and agricultural EV marketplace with development in EAUV [electric agricultural utility vehicle] and battery pack development for high voltage drivetrains. Unable to proceed further due to unavoidable reasons.

■ **Travel Gram:** A mobile application based community built for travelers and explorers to connect, share and explore co-travelers. Application would be available for android and apple users.

■ **Smart Water Sprinkler:** An automatic water sprinkler to make watering and maintaining plants/ gardens easier for domestic and commercial places.

■ **JanNeer-NanoMaterial Water Treatment-** Nanomaterial based water treatment executed to synthesize air stable biocompatible porous nano-composite material for advance absorption of pollutants from contaminated water.

■ **F.A.C.T.S. IRIS scan-** The startup product is a first iris scanner. Even when the pace is covered with mask it can scan through iris with minimum time gap and can be utilized in monitoring areas and it can also scan and match when someone is in disguise.

■ **Auto Shine Care-** Car washing Machine. The product is a low cost car washing machine. There has been optimization in the resources that are used for washing car so that it also reduces the running cost of system for market penetration.





# MANAV RACHNA CENTER FOR SOCIO ECONOMIC RESEARCH, CONSULTANCY AND TRAINING

Manav Rachna Center for Socio Economic Research and Consulting is envisaged to promote Research, Consulting and training with the thrust on Socio-Economic relevance in the society. The center's activities are focused on:

- Undertaking research studies, market surveys, feasibility studies, management consultancy and human resource development and training.
- Finding strategic alliances with various chambers and industry association for undertaking industry relevance training, applied research & building network to solve industry specific socio-economic issues.
- Providing consultancy and take up research studies for Central and State government.
- Undertaking employability skill gap surveys for Delhi NCR & for Haryana state industries and bridging it by recommending requisite specific new age courses to be imbibed in our current education system.

## Constitution of Team: Advisory Board

It consists of officials from University, dignitaries from Industries, NGO, Bankers and faculty having Industry exposure. Broad role of Advisory board is to lay down policy guidelines, fix up physical and financial targets, effective utilization of facilities and connect with expertise available in the Industry in the region.

## Organizational Operational Structure

Operational team been constituted headed by Vice Chancellor, Director, and Head of Socio Economic Center with two coordinators and pool of consultants /experts in their respective fields.

## Strategic Action Plan:

Prime Strategic focus of center is to provide Consultancy and training to industry and to take up research projects from Industry and Government organization. To build strong industry connect and networking. To undertake workshops in emerging new areas to sensitize faculty for getting abreast with the requirement of industry/society



# MANAV RACHNA CENTRE OF EXCELLENCE ON ALTERNATIVE DISPUTE RESOLUTION

The Centre of Excellence on Alternative Dispute Resolution (CADR) is a unit under the aegis of Faculty of Law, MRU. The Centre has been established with the purpose of conducting and promoting research, generating and disseminating knowledge in the field of alternative dispute resolution mechanisms. The CADR not only conducts training programs and workshops, but also runs simulation exercises to settle disputes through arbitration, mediation and other allied mechanisms. The training workshops are designed and curated to suit the requirements of the participants, interested in practicing ADR mechanism. The CADR is committed to advance the objectives for which it is constituted, in the interest of the University and requirements of the legal system of the country.

## Vision

To establish a research and clinical facility on various aspects of ADR that will undertake cutting edge in ADR research, skill building sessions, and provide professional services.

## Mission

- Research - Undertakes institutional research, consultancy and advisory projects.
- Training - Training Programs, meticulously designed and developed by experts
- Skill Development - Promotes ADR skill development among students of Manav Rachna University in general and law students in particular through short term courses.
- Collaborations - Tie-ups and professional linkages with industry, professionals and government agencies, within and outside India.
- Information Creation - building data base relating to ADR Law & Policy and Tools & techniques.
- Exchange of Information - Effective forum for exchange of information and knowledge among various stakeholders through conferences, seminars and expert talks.

## Objectives

- To pursue research and publications in the field of ADR;
- To undertake consultancy, advisory and advocacy projects;

- To train, develop and cultivate core group of ADR experts in India, capable of employing alternative resolution mechanisms, to the disputes of national and international nature;
- To provide an effective forum for exchange and analysis of ideas and information between industry, professionals, trade associations, government agencies and academia;
- To support the academic pursuits of the Faculty of Law, with research and practical training;
- To explore and enter into collaborations and tie ups with national and international organizations & agencies, such as International Court of Arbitration as part of ICC, Paris, SIAC, SIMC KDLC, to name but few, in furtherance of the objectives of the Center.

## Functions

- To conduct research in identified areas and publish papers
- To undertake institutional Research Projects
- To take up external consultancy and advisory projects
- To conduct outreach programmes for Awareness and Sensitization in the form of Workshops, seminars, Guest lectures, Roundtables, Conferences etc.
- To conduct Executive Development programs, Diploma and Certificate courses & other training sessions
- To enter into Tie ups and collaborations with domestic and international partners.
- To build functional and professional linkages with Industry, professionals, government agencies and other organizations within and outside India.
- To facilitate PG and UG students into ADR mechanisms, with the help of research and practical training through live proceedings and simulation exercises
- To create knowledge data base, focusing, inter alia, on Law and Policy, decided cases and case studies etc.

## Executive Committee

**Prof. Jose P. Verghese**  
Advocate, Arbitrator (Member Secretary)

**Ratan K. Singh**  
Advocate, Arbitrator & Founder Chairman,  
Society of Construction Law, India

**Veena Ralli**  
Mediator & Advocate, Delhi High Court

**Aseem Chaturvedi**  
Partner, Khaitan & Co.

**Kunal Vajani**  
Head of Chambers, Black Robe Chambers  
and Court Member (India), ICC  
International Court of Arbitration, Paris

**Sameer Jain**  
Founder & Managing Partner, PSL  
Chambers

**Moazzam Khan**  
Head of Global Litigation, Nishith Desai  
Associates

**Abhinav Bhushan**  
Chief Executive for Asia and International  
Arbitrator, Member at 39 Essex Chambers  
Former Director of ICC Arbitration and  
ADR, South Asia, Singapore

**Omar Ahmad**  
Partner at Cyril Amarchand Mangaldas,  
New Delhi

## Internship Opportunities

The Centre of Excellence in Alternative Dispute Resolution also offers full/part time internship opportunities on a rolling basis to assist with the activities of the Centre. Students of the 4th and 5th year, of a 5-year law program, and students of the 2nd and 3rd year of a 3-year law program may apply for the internship. All Applicants are required to apply at-least two months prior to the proposed starting date of internship.

For more details on internship opportunities and the centre please log on to <https://manavrachna.edu.in/university/law/centre-of-excellence-on-alternative-dispute-resolution/#>



# MANAV RACHNA CENTRE FOR PEACE AND SUSTAINABILITY (MRCPS)

Manav Rachna Centre for Peace and Sustainability (MRCPS) a center of excellence of Manav Rachna University is a visionary step for the Holistic Development of youth to build Peaceful New Bharat. The centre was launched on 2nd October 2019 on the birthday of our father of nation. It has been initiated with vision to bring Peace in humanity and support the development of India's peace operations which should be sustainable and result in emergence of "Peaceful New Bharat". The centre is stirred by an eminent Advisory Board having very eminent luminaries from different domains.

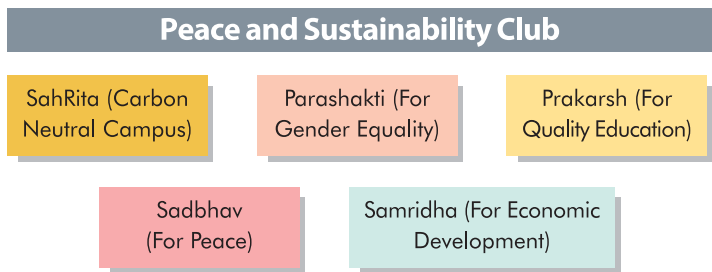
Padma Vibhushan Dr. Karan Singh	Chairman
Hon'ble Justice Mr. R C Lahoti, Former Chief Justice of India	Vice Chairman
Swami Gyanandji Spiritual Guru	Member
Dr. Prashant Bhalla, Chancellor, MRU; President, MREI	Member
Dr. Amit Bhalla, Vice President, MREI,	Member
Dr. Ved Prakash, Former Chairman, UGC	Member
Dr. Muzaffer Ahmad, Former Member of NDC	Member
Dr. Rajendra Shende, Chairman Terre Policy Centre and Former Director, UNEP	Member
Dr. Sanjay Srivastava, Managing Director MREI, & VC MRIIRS	Member
Padma Shree Dr. Meenakshee Gopinathan, Founder WISCOMP	Member
Dr. Anand Prakash, Professor, Delhi University	Member
Mr. Vishesh Gupta, Chairperson and Board of Directors of Bharat Soka Gakkai (BSG),	Member
Dr. Jyotsna Singh, Director, Dara Shikoh Centre, J & K . Amar Mahal Museum & Librarary, J & K	Member
Dr. Sushila Bhan, Chairperson, Institute for Peace Research & Action	Member
Lt. Gen S. P. Kochhar (Retd) Signal Officer in Chief- Indian Army	Member
Mr. Anuj Sinha, Chairman S & T Communication	Member
Dr. I K Bhat, Vice Chancellor, Manav Rachna University	Member





The MRCPS is the epicenter of academic endeavors like: training, research, community awareness programmes in all spheres of peace and sustainability. The centre is the embryo for promotion new approaches towards ensuring sustainable development and peace at local, national and global level.

The Centre of MRCPS is presently focusing on six SDGs i.e. Quality Education, Gender Equality, Affordable and Clean Energy, Decent Work and Economic Growth, Climate Action and Peace, Justice through vehicles **SahRita**, **Parashakti**, **Prakarsh**, **Sadbhav** and **Samridha** which are run by the students and for the students through **Peace and Sustainability club**.



We at Manav Rachna, believe in youth power and envision to make youth competent global professionals with values and integrity. This endeavor aims to prepare the youth of the nation to develop into Leaders who will contribute in bringing progress to society through such actions and initiatives that promote Sustainability in the area of their chosen career.

Through its Manav Rachna Peace and Sustainability Club (MRPSC), Centre carries out webinars, competitions, campaign, Pledge campaign, Social Media Campaign, community work in the area of Peace and Sustainability. Students are being molded to be responsible, peace loving citizens with Sustainable competencies through collective efforts. MRCPS has been successful in making deliberate and purposeful efforts in creating culture of peace by creating Peace Zone and regular meditation practices. MRCPS conducted series of webinars on various topics by eminent personalities like Sr Shivani from Brahmakumaris, Dr Karan Singh, Swami Vidyadharji from Art of Living, Dr Rajendra Shende, Mr Sohail Madan, BNHS, Asola-Bhatti Wildlife Sanctuary and many more. Meditation trainings and different workshops are being carried out and supported by the centre. Many students have undertaken research projects on various aspects of SDGs. The Centre offers a course on Peace and Sustainability that is being offered as Elective course to graduates and post-graduates of all disciplines.

At Manav Rachna, we are making deliberate attempt to create brigade of Gender champions, Peace champions and Green warriors who we believe, would be influential and leading citizens of Peaceful and Sustainable New India.

# DISCOVER THE PROSPECTS

WELCOME TO A PLACE WHERE GOOD IDEAS GROW INTO GAME-CHANGING SOLUTIONS. IF YOU'RE BREWING UP SOMETHING BIG, WE'VE GOT THE CREATOR COMMUNITY AND ENTREPRENEURIAL ECOSYSTEM TO BRING IT TO LIFE. WHETHER YOU WANT AN OUTLET FOR YOUR INGENUITY OR THE SPACE TO CREATE COOL STUFF, OPPORTUNITIES TO INNOVATE ARE AS DIVERSE AS MREI.



# CENTER FOR ADVANCE WATER TECHNOLOGY AND MANAGEMENT

(Accredited by Central Ground Water Board, Ministry of Jal Shakti, GOI)



**Dr. Dipankar Saha**  
Chair Professor  
CAWTM, MRIIRS

The Manav Rachna Centre for Advance Water Technology; Management (MRCAWTM) was established in April 2017 under the leadership of founder Chair professor Late Dr. D K Chadha, former Chairman CGWB, GOI to pursue teaching, research, consultancy and impart training programmes in hydrogeology, water resources engineering and management, water quality and collateral environment and ecology issues. The Centre forms a pool of professionals and researchers from the field of hydrology, hydrogeology, hydrochemistry, eco-hydrology and environment management. Besides, the Center has also developed a skill set on community centric water resource development; socio-hydrology and watershed based sustainable management. The center aims to address real challenges faced by the stakeholders and also provides a platform for science and technology-based solution through non-invasive investigation, water quality analysis, recycling of waste water, surface and ground water flow and resource analysis, satellite data based interpretation, local and regional scale hydrostatigraphic analysis, mathematical modeling of water resources and GIS based applications.

The center is presently headed by Chair Professor Dr Dipankar Saha, former Member CGWB. Dr. Arunangshu Mukherjee, Director, MRCAWTM and Prof & Head ES&E, MRIIRS and Ms. Sneha Rai, Assistant Professor, ES&E, MRIIRS is associated as permanent member to the center, apart from other associates including Prof Sarita Sachdeva, ED & Dean Research, Prof Brijesh Kumar, Associate Dean Academics, Prof. Nidhi Didyania, BT, Prof Sadiqa Abbas, Civil Eng. The center also hires services of experts based on project requirements. Currently center is running projects of about Rs11.00crores. The MRCAWTM is set up with the vision-*"Clean water for all, forever"*

With the vision to ensure 'Clean water for all forever', the Centre, in its capacity has adopted the following missions, which in turn, would guide its priorities, programme and activities.

- Towards a sustainable development and management of water resources through planning and involvement of stakeholders and also caring environment and ecology.

- To enhance the quality of life by ensuring water security for all sectors of society by providing necessary research and technology inputs, for different climatic zones.
- Enabling people and organizations to become self-sufficient of their water requirement by offering 'an effective solution on total water management'
- Tackle water challenges of a rapidly changing world where competing demand for different social sector exist and also development of water in conjunction with environment and ecosystem
- Addressing R&D needs of water infrastructure development through a holistic approach on a multi-disciplinary platform
- Imparting training and helping in capacity building in water sector.





## ONGOING PROJECTS OF MRCAWTM

1. **DST WTI Project** on Co-solving Water logging and Groundwater depletion issue in parts of Faridabad Smart City using Underground Taming of Flood water for Aquifer Storage and Recovery, from May 2021 for 36 months
2. **CAIRN -VEDANTA Project** on Hydro Geological Survey for Aquifer Monitoring in Barmer Area, Rajasthan, from July 2021 for 36 months
3. **World Bank Assisted Central sector Project** on Haryana Atal Bhujal Yojna for Sustainable Management of Groundwater - through DIP from Aug 2021 for 48 months
4. **Union Govt flagship programme** on Haryana Jal Jeevan Mission, implemented through- State Implementation Support Agency (SISA), from Oct 2021 for 12 months

## AWARDS

The MRCAWTM has been awarded with AQUA Excellence Award 2017 by Aqua Foundation New Delhi

## ADVISORY BOARD OF MRCAWTM

MRCAWTM is having galaxy of laureates in its board of advisors

**Dr. Sekhar Muddu**, Professor, Department of Civil Engineering, IIS Bangalore

**Dr. Ashish Pandey**, Head of the Dept. & Professor, Water Resource Development & Management Dept, IIT Roorkee

**Sh. Sanjay Marawaha**, Member, Haryana Water Resources Regulatory Authority

**Dr. Pawan Kumar Labhassetwar**, Chief Scientist and Head Water Technology and Management Division, NEERI

**Prof. David Polya**, FSE, Associate Dean of Internationalisation, Professor of Environmental Geochemistry, Dept of Earth and Environmental Sciences, University of Manchester, UK

**Dr. Bhoop Singh**, Former Sc. G and Head NRDMS, DST. Presently Advisor in Jamia Milia ISLAMIA University,

**Dr. J K Bhalla**, Former, Director, GSI

## ACCREDITATION AND MOUS OF MRCAWTM

1. MRCAWTM, MRIIRS is accredited by Central Ground Water Board (CGWB), Ministry of Jal Shakti, GOI in Oct 2021.
2. MRCAWTM has active MOU with CGWB, Faridabad, Geovale Kolkata and Kisan Sanchar Chandigarh

## PROJECTS COMPLETED BY MRCAWTM

1. Reconnaissance survey for Water prospect in 10 adopted villages of Maruti-Suzuki Foundation Dec-2018
2. Detailed investigations in Khoh Village for Rainwater Harvesting, Maruti-Suzuki Foundation Jan to April -2019
3. USAID URBAN WASH Innovation Lab, May 2018-Dec-2019
4. Hydro Geological Survey for Aquifer Monitoring in Barmer Area, Rajasthan (Aug 2018-June 2021).
5. DST NCRTC Project on Communicating Science through Model Water and Eco-Health Clinic for quality of life. March-2019 May 2020

# CENTRE FOR LEGISLATIVE STUDIES AND RESEARCH, MRU



**P.K. Malhotra**  
M.A., LL.M  
Executive Chair Person, CLSR  
(Formerly Union Law Secretary)

Centre for Legislative Studies and Research, Manav Rachna University has been established to conduct critical study of pending bills and offer pre-legislative inputs for efficient law making; identify pre-requisites and suggest effective implementation of legislations; assess and evaluate the impact of legislations and propose reforms; investigate and develop legislative best practices and procedures; offer research support to legislative secretariats and legislators for the effective discharge of their legislative functions; and such other related matters. The Centre for Legislative Studies and Research (CLSR) which operates under the overall aegis of Manav Rachna University, and as a functional unit attached to the Manav Rachna School of Law. The Centre is autonomous, to the extent of proposing, deciding and undertaking projects, research and training, and academic pursuits in furtherance of its objectives.

Established as a research and clinical facility on various aspects of Legislative Studies which undertakes cutting edge in Legislative research, skill building sessions, and provide professional services. The Centre also offers a premier certificate course on "Legislative Drafting" which is attended by leading stakeholders in legal policy and research, law students and professionals from across India.

Mr. P. K. Malhotra has more than forty years of experience in the field of law and has held many important assignments in the Government of India. He was Secretary in the Ministry of Law and Justice, Government of India; Member, Law Commission of India; Presiding Officer (Offg.) and Member, Securities Appellate Tribunal; Chairman, Adjudicating Authority, Prevention of Money Laundering Act and Judicial Member, Income-tax Appellate Tribunal.

He was involved in the legislation process of Criminal Law (Amendment) Act, 2013, Companies Act, 2013, Arbitration & Conciliation (Amendment) Act, 2015, Commercial Courts Act, 2015, Insolvency and Bankruptcy Code, 2016, Securities Laws (Amendment) Act etc. Mr. Malhotra is a regular participant in seminars and public debates on legal issues. He is also a panelist on national news channels including RSTV, Lok Sabha TV, APN, etc.

Dr. SK Bose is the director of CLSR. He has more than 30 years of teaching and research experience with large number of publications. He has authored more than 12 books and number of articles on plethora of topics. He has a unique distinction in legal language due to his training in Law and Language. He is LL.M and has Ph.D. in English.

The CLSR offers Basic Appreciation Course in Legislative Drafting in addition to organizing seminars and workshops on legislative matters.





# FOREIGN NATIONAL STUDENT ADMISSION POLICY (2022-23)

## MANAV RACHNA INTERNATIONAL INSTITUTE OF RESEARCH AND STUDIES

MANAV RACHNA INTERNATIONAL INSTITUTE OF RESEARCH AND STUDIES ALSO ADMITS FOREIGN NATIONALS & PERSONS OF INDIAN ORIGIN (PIO) TO VARIOUS PROGRAMS OFFERED BY THE INSTITUTION. 5% SEATS ARE RESERVED FOR FOREIGN NATIONALS / PIOS IN ALL THE PROGRAMS. IN CASE ADEQUATE NUMBERS OF SUCH CANDIDATES ARE NOT AVAILABLE, VACANT SEATS MAY BE FILLED UP BY INDIAN NATIONALS. HOWEVER, THE NUMBER OF SEATS FOR FOREIGN NATIONALS/ PIOS CAN BE INCREASED TO THE EXTENT OF 5% OVER AND ABOVE THE SANCTIONED INTAKE, IF REQUIRED, WITH THE APPROVAL OF COMPETENT AUTHORITY OF THE INSTITUTION.

## ADMISSION PROCEDURE FOR FOREIGN NATIONAL/ PIO STUDENTS

1. The candidate desirous to seek admission to MRIIRS is required to forward the following documents by **m a i l t o** coordinator.iec@manavrachna.edu.in:
  - a) Scanned copy of the attached application form duly filled- up and signed with photo (pasted).
  - b) Scanned copy of the passport
  - c) Scanned copy of Academic transcripts, duly attested by the Indian Embassy in Applicant's country or candidate's country's Embassy in India.
2. On receipt of the required documents and subject to confirmation of candidate's eligibility based on the documents provided, the candidate will be registered and intimation will be sent to him/her about eligibility.
3. After confirmation of eligibility, the application fee of US\$250/- by Bank Transfer to Institution Bank account quoting name and passport number of the candidate is required to be deposited by the candidate.
4. On receipt of US\$250/-, the Eligibility Confirmation Letter will be sent with the instruction to deposit US\$1000/- for Provisional Admission Letter (PAL) to enable the candidate to apply for VISA.

5. Once the VISA is received by the candidate, the candidate can travel to India & pay the balance of required fees.
6. After checking and verification of the original documents by the Institution Bonafide Certificate will be issued on the basis of candidate's proof of residence in India and proof of residence in the home country.
7. Further, the student will be issued S Form ID (Unique ID Number requires for online tracking throughout INDIA as per GOI norms) and C Form ID- Only for Hostellers (Residence ID Number requires for stay in INDIA as per GOI norms during the study period in India). The students, other than Hostellers, need to get it from their concerned landlord.
8. The student will be required to report to FRRO for Registration.

Mandatory instructions for Foreign National Students while applying for Bonafide Certificate:

The students are required to submit their Bonafide Application with the Self Attested photocopies of the following for Visa Extension purpose. One month before the due date to their respective Department/ Faculty to enable to get their Bonafide issued well in time from Registrar office for document upload purpose while taking their online appointment for above said purpose:

• Passport • Visa • Stay Visa • Institution ID • Rent Agreement/ Hostel ID etc.

The student (Existing and New) who is on fresh Visa also needs to submit his/ her application along with the Self Attested photocopies of the above stated documents within two days of joining his/ her respective Department/Faculty keeping in view the FRRO Registration clause of 14 days.

## ADMISSION & APPLICATION

(For all programmes other than programmes of MRDC) For last date of admission to all UG and PG programmes visit [www.manavrachna.edu.in](http://www.manavrachna.edu.in). However, the admission to Ph.D programme shall remain open throughout the year, subject to the availability of seat in the area of research in which the candidate wants to do Ph.D and fulfillment of other eligibility criterion for admission. The admission form can be downloaded from our website [www.manavrachna.edu.in](http://www.manavrachna.edu.in).

## ELIGIBILITY CONDITION

Minimum eligibility condition as laid down in respective Admission Brochures for any academic year will be followed, wherever required, the qualification will be mapped as per AIU norms.

## MANAV RACHNA UNIVERSITY

Programmes offered: The details of the programmes available and eligibility criteria shall be same for all the programmes as prescribed

### b. Admission Procedure

1. NRI/PIO/Foreign Nationals seeking admissions in different programs in MRU may submit scanned copy of duly filed and signed simplified application form downloadable from MRU website [www.iec.mru.edu.in](http://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.

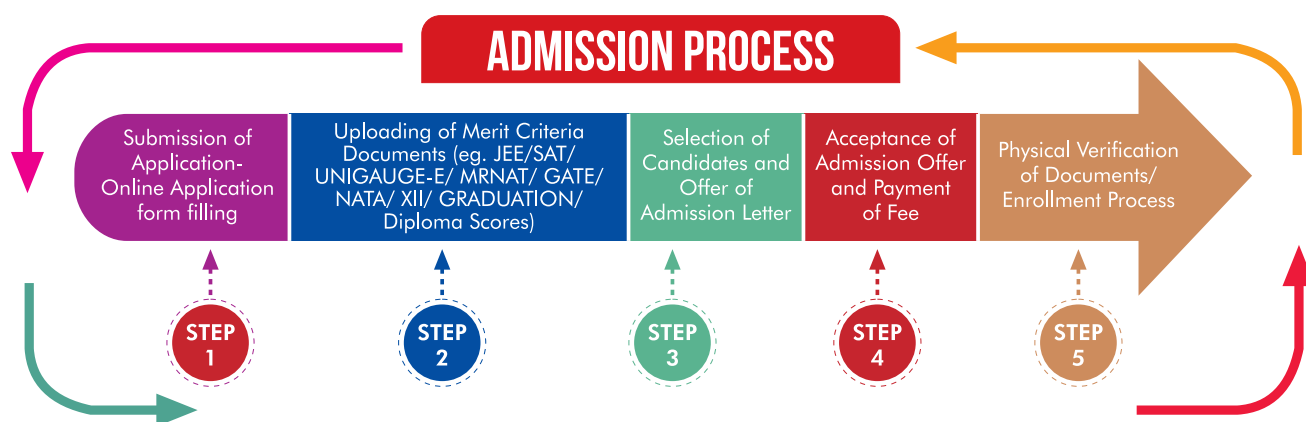
- b. Passport showing the name, address, validity, issuing authority.

- 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 & 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.

# IMPORTANT INSTRUCTIONS FOR ADMISSION SEEKERS



## STEP-1 SUBMISSION OF APPLICATION- ONLINE APPLICATION FORM FILLING

Application for admission shall be submitted online only on the portal [www.manavrachna.edu.in](http://www.manavrachna.edu.in). The candidate may fill the application form without waiting for the results of qualifying examination (XII/Graduation/Diploma as the case may be). The prospective student is advised to carefully fill all the details and prioritize the choice of programs he/she wishes to apply. Total 3 (three) choices are allowed. Application fee of Rs. 1200/- is payable. Payment can be made through Net Banking/ Credit/Debit card/E wallets at the time of submission of application. Alternatively, candidate may procure the Admission Brochure from Manav Rachna Campus, Administrative Headquarters or City Centers, details of which are available on Manav Rachna website. Admission Brochure contains a Scratch Card (voucher code) consisting of a covered number, which will facilitate submission of application form online. Admission Brochure without Scratch Card (voucher code) may be downloaded from Manav Rachna website free of cost. Once online application for admission is submitted successfully, the system will generate a unique application number which must 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' on the Manav Rachna website Home Page.
2. Keep a Digitized Photograph ready on your Computer Desktop for uploading with maximum 80 KB memory, 30mm x 45mm in size in a formal dress against plain background. Candidates are advised to avoid photographs in T-Shirts/ Tops/ Flashy Clothing because this photograph will be used for all subsequent transactions including preparations of ID card and Academic Transcripts. Also keep ready scanned copy of Secondary School Examination Certificate (10th as proof of Date of Birth), Senior Secondary School Examination Certificate (10+2 mark sheet), final year consolidated mark sheet/ Provisional Certificate Degree/ Diploma Certificate of the qualifying examination, if any.

3. Fill-up all fields with the correct information; Applicant's & Parent's detail as given in the mark sheet/testimonial of last qualifying examination. Do not use all Capital/ Small Letters. Use Sentence case. Mandatory fields are marked with Asterisks, without which application will not be submitted. You will have the liberty to edit certain fields as indicated in the format of application including Address, Mobile Number, Qualifying Examination Result etc.
4. Take out print-out of the final version of the online application form which must be brought at the time of Physical Verification of Documents/ Enrollment Process.

**Note:** The fee payment of Rs. 1200/- made against the application form is non-refundable





## STEP- II UPLOADING OF DOCUMENTS

Every candidate shall be required to upload the following documents along with the application:

- Class 10th mark sheet: Mandatory for all Programmes
- Address Proof: For all Programmes

### UG Programmes

- 12th standard mark sheet (if result is yet not announced : school ID card + score card of XI class / predictive score of XII class issued by school authorities): Mandatory
- For UG Engineering Programmes, mark sheets/ score of merit defining document i.e. Valid Score of JEE Mains-2022/ SAT/ PEARSON, as applicable, in which the candidate has appeared.

### PG Programmes

- 12th standard mark sheet: Mandatory
- Pre-final Year Mark sheets of higher education qualification (For PG Program): Mandatory
- Valid Score of GATE-2022 for M.Tech. Programme, if candidate has appeared

## STEP- III SELECTION OF CANDIDATE AND OFFER OF ADMISSION LETTER

**Merit Defining Document:** Admission to various programs is based on merit as specified in Admission Brochure for various programmes. For details refer page no. 134 to 152. Admissions to all programs are also made on the basis of Manav Rachna National Aptitude Test (MRNAT) for which the scores shall automatically be picked up for merit. The complete details of MRNAT-2022 is given at page 124 of Admission Brochure.

- a. All Candidates shall be allowed to prioritize choices amongst the programs at the application stage itself. A candidate, who initially does not get the choice program in the first list, shall be offered admission in subsequent choices filled. University shall announce vacancy, if any, at a later date and desirous candidate shall have an option of appearing in the 'on the spot counseling' and may get up graded as per the merit of the participating candidates.
- b. Seats in the programs shall be allotted on the basis of preferences indicated in the application form, strictly in order of merit.
- c. The program wise merit, amongst applications received shall be drawn based on the actual marks scored by the candidate in Merit Defining Exam Score. For JEE mains 2022 Exams, marks in Overall category shall only be considered and marks under any special category or state etc. shall not be taken into account.
- d. The vacant seats, if any, after filling the seats for each programme on merit with relevant score in JEE Mains-2022/ SAT/GATE/MRNAT/PEARSON entrance test, shall be filled-up on the basis of qualifying examination on merit.
- e. More than one list may be announced. All selected candidates shall be communicated with Admission offer letter, further guidelines and other details through e-mail. Candidates are advised to check their SPAM or JUNK folder as well regularly and white-list the following email id: [facilitationcentre@manavrachna.edu.in](mailto:facilitationcentre@manavrachna.edu.in) Please note that this is the only official mail ID of the University, for all communications related to admissions in the year 2022.

## NOTE

- It is essential for the candidate to provide the marks of the merit criteria determining examination to the University immediately, after declaration of results. Candidate is required to log in to application form, fill in details and submit the application form. The details have to be filled before the due date of merit announcement. Non-compliance shall be at candidate's risk and no claim can be made for consideration for merit.
- Candidates who are offered provisional admission based on declared scores in the application, will be required to produce proof of having passed the qualifying examination to the University authorities at the time of physical verification of documents failing which, such provisional admission will stand cancelled. No representations for extension of dates shall be entertained. IB/ Cambridge qualified Candidates shall be required to obtain the 10+2 equivalence certificate from AIU before above deadlines. Failure to do so may lead to cancellation of admission.

Any wrong declaration of marks/ Scores, which affects the merit/provide undue advantage, shall lead to disqualification of the candidate and withdrawal of admission.

The detailed schedule for Admission for various programmes is tabulated in Admission Calendar. Please refer page no. 153 of Admission Brochure.

## STEP-IV- ACCEPTANCE OF ADMISSION AND PAYMENT OF FEE

All the selected candidates, who receive Admission Offer Letter from the University shall be required to send the Acceptance of Admission for the offered programme in the format which shall be sent by the University Authority along with the Admission Offer Letter.

Thereafter, the candidate shall be required to deposit the 1st installment of fee as detailed at page 134-152 in the Admission Brochure for various programmes within one week of offer of admission by using any mode as given at page 124-125 of Admission Brochure.

## STEP-V PHYSICAL VERIFICATION OF DOCUMENTS AND ENROLLMENT PROCESS

a. All the candidates, who have accepted the admission after receipt of Admission Offer Letter, shall be required to report at designated venue's for "Physical Document Verification/ Enrollment Process" as per the slots given to them. Candidates are required to bring Letter of 'Offer of Admission' and all the original fee receipts.

Candidates shall also carry all relevant documents in original along with a set of self attested photocopies. Candidates shall upload all the documents (see list on University website at [www.manavrachna.edu.in](http://www.manavrachna.edu.in)) on Admission Portal prior to verification process.

b. Candidates can appear in the "Physical Document Verification/ Enrollment Process" after deposition of 1st installment of academic fee, as given on the website. Fee can be deposited using any mode as given at page 124-125 of Admission Brochure (at least 3 days prior to appearing for this process).

After verification of relevant documents, all successful candidates shall be issued the Provisional Admission Letter along with temporary I-card of the University.

However, in case any provisionally admitted candidate fails to prove his/her eligibility as stated in Admission Brochure from page 134 to 152 by 14th August (for all UG/PG Engineering, MCA and MBA Programmes) and by 30th September for all other programmes, his/her provisional admission shall automatically stands cancelled, for which he/she will have no claim.

### RESERVATION OF SEATS

Manav Rachna University presently follows the reservation policy as under:

- **NRI/Foreign National/PIO seats:** 5% in all programmes.

- **General Seats:** 95% (25% seats are reserved for Haryana domicile students, of which 10% seats are for the SC candidates of Haryana).
- **Kashmiri Migrants:** 1 seat over and above the normal intake in all the UG programmes.

### RELAXATION IN ELIGIBILITY

- SC/ST candidates shall be eligible for 5% relaxation in eligibility criteria whereas OBC Candidates shall be eligible for 3% relaxation in the eligibility criteria in all the UG, PG and Doctoral Programs.
- Candidate with minimum 40% Disability shall be eligible for 3% relaxation in the eligibility criteria in all the UG, PG and Doctoral Programs

The candidates belonging to any of the following categories, Single Girl Child, Sports Persons, Ward of Defense Personnel/ Para Military Forces shall also be considered for relaxation up to maximum of 5% in eligibility criteria in all the programs on case to case basis.

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



FOR ADMISSION THROUGH  
**MRNAT '22**  
MANAV RACHNA NATIONAL APTITUDE TEST

Application forms available online:  
[apply.manavrachna.edu.in](http://apply.manavrachna.edu.in)

For Queries, Call: 0129-4259000

MRNAT (Manav Rachna National Aptitude Test) shall be conducted by the University across various disciplines. The test is applicable for candidates seeking admission to under graduate and post graduate programs of all disciplines. The test has 2 major components:

- 1 **Online exam:** It is an objective type online exam of 90 minutes duration with questions from syllabus covered in the qualifying exam (eg. XII or Graduation as the case may be) and/or aptitude for the program applied for. (For details check website [www.manavrachna.edu.in](http://www.manavrachna.edu.in))
- 2 **GD and/or PI:** Candidates shall be assessed for communication skills, ability to express themselves effectively and put across their point of view. They may be challenged to demonstrate their problem solving skills and their ability to be a team player.

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 or in the exam hall prior to the examination.

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. 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 University website.

### NOTIFICATION OF SCHEDULE FOR MRNAT FOR ADMISSION

1. The detailed admission calendar/key dates is appended at Page No 140 of this brochure.
2. The candidates shall be notified through official E-mail for slot and venue for conduct of MRNAT-2022 depending on the date of submission of his/her online application for admission and address. However, under exceptional cases the University Authority may consider the candidate's request for change of time slot/ venue.

3. Candidates are advised to look for notices/alerts by clicking the 'Admissions' Tab on Manav Rachna website.
4. The selected candidates on the basis of MRNAT-2022 shall be sent Offer of Admission as mentioned above under step III of Admission Process.

### MODES OF FEE PAYMENT MRIIRS & MRU AY 22-23

#### MRU

##### 1. Bank Transfer:

The account details for bank transfer from NEFT/ IMPS/ RTGS are as follows:

Account Name : MANAV RACHNA UNIVERSITY

Account Number : 50200045814055

Bank Name : HDFC BANK LIMITED

Customer ID : 38291452

Branch: H BLOCK, OPPOSITE CELEBRITY HOMES, PALAM VIHAR, GURGAON

IFSC Code : HDFC0002549

MICR : 110240247

##### 2. Through PayTm are as follows:

Please choose 'Manav Rachna University' on [Paytm.com/education](http://Paytm.com/education).

**Note:** The students are requested to select the option of "New Registration" and submit their details as required on PayTM portal.

3. Through DD in favour of MANAV RACHNA UNIVERSITY payable at Faridabad/Delhi.

## MRIIRS

1. NEFT/ RTGS/ IMPS / Bank Transfer in the following Bank Account- MANAV RACHNA INTERNATIONAL INSTITUTE OF RESEARCH AND STUDIES IBL ESCROW A/C

Account Number : 201003220642

Bank : IndusInd Bank

Customer ID : 38291452

Branch : 0005

IFSC Code : INDB00000005

MICR : 110234002

BSR Code Part 1 : 6380006

BSR Code Part 2 : 2900009

Note: In case of deposit of fee through the above mentioned mode, the students are required to submit their UTR code (Transaction No.) and other details through which they have deposited fee to CAD to update their ledgers after verification from our Bank.

2. Through login at Paytm.com/education: Please choose 'Manav Rachna International Institute of Research & Studies' on Paytm page/ app.

Note: The students are requested to select the option of "New Registration" and submit their details as required on PayTM portal.

3. Through DD in favour of MANAV RACHNA INTERNATIONAL INSTITUTE OF RESEARCH AND STUDIES payable at Faridabad/Delhi.

## LATE FEE PAYMENT

Note: In semester's subsequent to 1st, 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.

For any further query contact at following phone number between 9:00 am to 5:00 pm on all weekdays:

Admission Help Desk - 0129-4259000

## PAYMENT OF FEES

SCHEDULE OF PAYMENT OF FEES AT THE TIME OF ADMISSION/FIRST YEAR

- First Installment: At the time of ACCEPTANCE OF ADMISSION OFFER
- Second Installment: On or before 14th November 2022

SCHEDULE OF PAYMENT OF FEES IN SUBSEQUENT YEARS

- First Installment: On or before 30th April of the calendar year.
- Second Installment: On or before 14th November of the calendar year.

Instruction for students opting BBA (Global) IB, B.Sc. IT and B.Sc. ID Program

The students will be required to open their accounts in any Branch and provide us the proof of it.

Further, students of above Programs are expected to be in possession of their Aadhar Card/ Passport and PAN Card while reporting for Physical Counseling for Admissions.

The above mentioned documents are required for the payment of their Foreign Educational Institution fee through Zenith Leisure Holidays Limited, New Delhi to AIS St. Helens, New Zealand for BBA (G)-IB & B.Sc. IT Programs and Algonquin College, Canada for B.Sc. ID Program.

## PROCEDURE FOR CHANGE OF PROGRAM

Under exceptional circumstances, request for change of program may be considered with the approval of competent authority the recommendations of the Dean of Faculty concerned in which admission has been already sought on payment of requisite processing charge of Rs. 3000/- within same University and 5000/- in case of MRIIRS to MRU and vice versa.

## Migration from/to other Universities:

A candidate may be allowed to migrate to the University from other Universities, preferably at the beginning of the semester on the recommendation of the committee constituted by the University, subject to his/her fulfilling the criteria laid by the university. Similarly, a student seeking migration to other University shall be issued an NOC on the recommendation of a committee constituted by the University.

## Migration Fee

One time fee for students applying for migration from other Universities/ Institutions is Rs 25000/- and is payable at the time of admission.

## IMPORTANT INSTRUCTIONS FOR ADMISSION SEEKERS FOR PROGRAMMES AT MRDC SUBMISSION OF REGISTRATION FOR ADMISSION

Registration for enquiry admission shall be submitted online only at the College website [www.mrdc.ac.in](http://www.mrdc.ac.in) for which fee of Rs. 1200/- is payable. Payment can be made through Credit/ Debit card at the time of submission of application.

All candidates need to register themselves at [www.mcc.nic.in](http://www.mcc.nic.in) (UG Counselling & Deemed University section) for BDS and [www.mcc.nic.in](http://www.mcc.nic.in) (PG Counselling & Deemed University section) for MDS. Merit list generated on the basis of NEET score and accordingly seats are allotted. It is advised to kindly follow the website for any change of rules & regulations with respect to counseling. The candidate called for the counseling will be required to produce all the original documents/certificates/marks sheets etc. at the time of counseling. Under no circumstances, will any relaxation be allowed to the candidates as regards appearing in person before the board on the fixed date and time and producing the requisite original documents/certificates/marksheets. The candidates will be called for the counseling before the Admission Committee according to the respective merit and will be entitled to exercise their choice regarding subject according to the availability of the seat (s) at their respective merit at the time of counseling. The admissions will close on as per the mandate of the Supreme Court of India. Note: If two or more candidates secure identical marks in the merit list of NEET, their relative merit will be determined as per the procedures laid down by the competent admission authority.





### Other Conditions for MDS Course

On receiving unsatisfactory report about any student from his/ her Supervisor and the Head of Department during the course, the admission is liable to be cancelled.

**Admission will also be subject to the following conditions:**

1. Students coming from universities other than MRIIRS, Faridabad will be required to deposit migration certificate and all other original certificates immediately after the start of the session.
2. Candidates admitted to the MDS course will be required to submit synopsis of research work to be undertaken by them to the concerned post - graduate Board of Studies within six months of their joining. The period of six months may be relaxed in exceptional cases, for which the candidates will have to apply to the concerned Board of Studies, along with the recommendations of the supervisor and head of the department. The students must submit their final thesis at least six months before the theory and clinical/practical examination. Relaxation up to one month may be given in exceptional cases.
3. The candidates will be required to pay the fees & other dues etc. as prescribed from time to time, by a prescribed date.
4. A candidate can be fined, suspended or expelled from the College/Hostel by the Principal/ Director for reason like indiscipline, misconduct, absence from classes/ academic duties, non- payment of College/ hostel dues in time and use of unauthorized electrical/ electronic appliances etc. The quantum of punishment, mode of enquiry etc. will be decided by the concerned Principal/ Director/ head of the Department.
5. No candidate, after joining the P.G. course, will be allowed to apply for/ accept any appointment (including senior residency/ Demonstrator-ship) till the completion of the course.
6. If a student absents himself/ herself from duty, intimation to the effect will be sent by the concerned Head of the Dept. to the Principal/ Director within 48 hrs. If the period of absence exceeds 2 days, the Head of the Department/ Unit, shall not allow any such student to join his/ her duty without prior permission of the Director/ Principal.
7. The candidates selected for the admission to the P.G. Degree course will be required to give an affidavit to the effect that they are not undergoing any training at any other Institution and will not appear in other All India Entrance Examination.
8. If a student remains absent continuously for two weeks or total of six weeks in one year (without getting leave sanctioned), his/ her Admission shall stand cancelled. For reasons like illness, certificate (up to for four weeks continuous or with breaks) issued only by the Director, P.G. Studies/ Principal will be accepted. If a candidate leaves the station with permission and falls ill, certificate on simple OPD card or prescription slip will not be treated as Medical Certificate. For Medical leave beyond four weeks, the candidate will have to apply and appear before a medical Board to be constituted by the Principal. Only a medical certificate issued by a medical Board will be accepted. However, the period of such leave sanctioned will have to be compensated by undergoing training for the extended period equal to the period of leave availed before appearing in the examination. If a candidate fails to appear before the medical Board, his/ her admission shall be cancelled without any further notice. Further, if a candidate leaves the country during his/her course without permission of the competent Authority, his/her admission shall be cancelled without any notice.
9. In case a female student avails maternity leave during the course, the same will be allowed as per the DCI instructions.

### Bank Guarantee Bond

Each candidate will be required to execute a bank guarantee / bond as per notification issued by MRIIRS, Faridabad

These guidelines are available on MRIIRS website- [www.manavrachna.edu.in](http://www.manavrachna.edu.in)

However, refund of fees is governed in accordance with the guideline issued by UGC/AICTE from time to time.

Candidates may withdraw their admission by submitting a request of withdrawal application in person along with the original copy of Admission letter, Receipt of the fee deposited and Temporary identity card issued at the time of admission to the office of the Registrar, MRIIRS through Deputy Registrar, Registration & Scholarships, MRIIRS in Block-'F' Ground Floor, MRIIRS Campus for which he/she must obtain acknowledgement.

Correspondence in respect of refund of fee against withdrawal shall not be entertained until and unless it is in reference to the Acknowledgement No. and Date given by the Deputy Registrar, Registration & Scholarships, MRIIRS at the time of receipt of Withdrawal application.

A student admitted in the MRIIRS shall be required to pay the fee for the entire duration of the course on annual basis in two installments. If a student is detained due to whatsoever reason, he/ she shall be required to pay the fees again, when he/she is re-admitted, as per rules/ policy. Once a candidate has been admitted and has reported to respective faculty, all further dealings including withdrawal are to be made through the respective head of the faculty/ Registrar of the MRIIRS.

## PHYSICAL VERIFICATION FOR ADMISSION

- It is absolutely mandatory for the candidates to appear in person for physical verification for admission before the Admission Committee. No relaxation of any kind is permissible in this regard.
- Candidate must bring the following documents in original along with two sets of attested photocopies:
  - Secondary School Examination Certificate (10th) - as proof of Date of Birth
  - Senior Secondary School Examination Certificate (10+ 2)
  - Detailed Mark sheets/ Provisional Certificate/ Degree / Diploma Certificate of the qualifying examination.

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 and move to the Admission Committee if found eligible.

- Character Certificate from the Institution last attended.
- Result card of the NEET entrance examination.
- 4 passport size coloured photographs in formal dress.
- All other documents must be submitted during orientation after start of classes or within 3 days from the date of admission, whichever is later

- Admission committee shall allot the seats to the Candidates in order of merit subject to its availability 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 convenience charges are payable as per rules in case of payment is made through Credit / Debit Card.
- 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.
- 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.
- 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.
- All Students admitted in various programs 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 MRDC Website for further instructions if any.
- The Admission Committee shall ensure allotment of seats purely on merit. Canvassing of any kind may result in denial of admission.

## LIST OF OTHER DOCUMENTS TO BE DEPOSITED AFTER ADMISSION

In addition to the documents mentioned under clause 4 above, all students will be required to deposit following documents either during the orientation program or within 3 days from the date of admission whichever is later:

- Certificate of Medical Fitness
- Migration Certificate
- Proof of Residence (Ration Card/ Electricity Bill/ Telephone Bill/PAN Card/Driving License etc.)
- Affidavit by candidate and by parents for "Anti Ragging"
- Any other document required/ notified later

## GENERAL INSTRUCTIONS

- The student would be liable for necessary action as deemed fit by the MRDC for any wrong information filled in the application form. If a candidate is admitted on the basis of information submitted by him/ her, which is found to be incorrect or false on a later date, his/ her admission shall be cancelled and all fees & other dues paid by him/her shall be forfeited. The University may also take further action as deemed fit against such candidate &/ or his/ her parents/ guardians as considered suitable.
- All fees through Demand Draft are payable in the name of Manav Rachna International Institute of Research and Studies only.







- Mere inclusion of the name of a candidate in the merit list would not ensure his / her admission. Candidate would be required to prove his / her eligibility for admission by providing original and genuine documents in support of the claims made.
- The admission made by MRDC shall be provisional, till the same is confirmed by the Registration Branch of MRIIRS.
- If the Institutions Authorities are not satisfied with the character, past behavior and antecedents of a candidate, they may refuse to admit him/her in the College. In order to ensure academic standards, discipline and congenial atmosphere in the College, the Vice-Chancellor of MRIIRS may cancel the admission of any student who is found to be involved in activities which are prejudicial to maintaining harmony on the campus.
- The College has a streamlined method of redressal of grievances. The Grievances Redressal Committee addresses all kinds of grievances including those pertaining to admissions, examinations, conduct on the campus etc. on top priority.
- The College has a Vishakha Committee to deal with all Sexual Harassment related issues, which are handled on utmost priority. The candidates who are admitted in the College would be required to follow all rules and regulations in letter and spirit, conduct themselves in an orderly manner and maintain the best decorum, failing which suitable penal action would be taken against them.
- Canvassing in any form for influencing the admission by any candidate and / or his/her parents/guardians would result in his/her summary rejection for admission.
- The admission procedure is subject to modification, without notice, as per directions of DCI/ State Govt./ Affiliating University or any competent authority.
- The final cut off date for admission to all the courses is 31st May for MDS and 30th September for BDS course, as per guidelines of DCI.
- All applicants are instructed to follow the MRDC website on a regular basis for date of counseling and other details related to the admission process.
- The contents of the Admission Brochure are subject to change without prior notice. All disputes pertaining to admission under the domain of Admission Brochure are subject to the jurisdiction of Courts at Faridabad only
- The cost of Registration form will not be refunded under any circumstance.
- The candidate is admitted on the basis of information submitted by him/her and if, at any subsequent stage, it is discovered that any portion of this information is incorrect, the student will be removed from the Institution and all fees & other dues paid/ liable to be paid up till the date of such removal shall be forfeited/ charged. Any further action, as deemed suitable, may also be taken by the institution against such student.
- In case of any ambiguity in the rules, the interpretation of the same as drawn by the Director-Principal, MRDC.
- A student who violates the above conditions willfully or otherwise shall be liable to expulsion.
- Instructions/direction to modify / change the condition (s) can be issued by the MRDC prior to counseling with the prior approval of the competent authority.
- The candidates placed in the merit list provisionally must produce all the documents in original along with their attested copies at the time of counseling.
- The Admission Committee shall have the power to call any document from the candidate in support of his / her claim and reject any certificate not considered valid.
- The decision of the Admission Committee in this regard shall be final.
- All admissions are subject to their approval by the affiliating university, after completing necessary requirements as per rules/ordinance.
- A candidate already admitted in any Dental College in BDS/ MDS course will not be considered eligible for admission to BDS / MDS course
- It is clarified that BDS / MDS course is a regular full time course. A candidate selected for the same is barred from private practice during the tenure of the course.
- The selection for admission will be treated as cancelled, if the selected candidate does not join the college on the stipulated date fixed by the Admission Committee.
- If any candidate or his/ her parents or guardian are found to have submitted any false undertaking/ affidavit/ certificate, not only the candidate's admission will be cancelled but the person filing the undertaking/ affidavit will also be liable to be prosecuted in accordance with law.
- On the failure of the selected candidate to report for admission, the vacancies caused would be filled from the candidates from the waiting list in the order of merit Method of Selection and Admission
- The details given in the Admission Brochure are correct as at the time of going into press. The institute reserves the rights to add/ delete/ modify the contents without prior notice. However, the same will be notified on the website.

## SCHOLARSHIP/FREE-SHIP POLICY OF MRIIRS FOR 2022-23

Scholarship policy of University encourages a good number of students every year and kindles the spirit of consistent performance. In the last three years a substantial sum of more than five crores was awarded in the form of various scholarship policies of the universities.

A) Schemes 'Utkarsh' and 'Uttam' for the candidates on the basis of MRNAT-2022 Score for UG & PG programmes:

MRNAT 2022 Score	'Utkarsh' *	'Uttam' **
90.00% & above	100% Tuition Fee Waiver	100% Tuition Fee Waiver
80.00% & above but below 90.00%	50% Tuition Fee Waiver	25% Tuition Fee Waiver
70.00% & above but below 80.00%	25% Tuition Fee Waiver	10% Tuition Fee Waiver

\*Scheme 'Utkarsh' is for candidates taking Admission within a period from 19th February 2022 to 10th July 2022.

\*\*Scheme 'Uttam' is for candidates taking Admission within a period from 11th July 2022 to 31st August 2022.

B) Free ship/ Scholarships to students on the basis of marks/CGPA in the qualifying examination as per following criteria:

UG level Programmes  
(Except BDS Programme)

Marks / CGPA in Qualifying Examination	Tuition Fee Waiver
95% and above	100%
90% to 94.99%	50%
85% to 89.99%	25%
80% to 84.99%	10%

PG level Programme  
(other than MDS programme)

Marks / CGPA in Qualifying Examination	Tuition Fee Waiver
85% and above	100%
80% to 84.99%	50%
75% to 79.99%	25%
70% to 74.99%	10%

Candidate in PG programmes can be associated with faculty member for proper grooming, mentorship and providing assistance to the faculty for students of UG programmes as and when required.

C) Free ship/ Scholarships to students seeking admission for B.Tech. programmes on the basis their JEE Mains -2022 Overall All India Rank as per following criteria

JEE-2022 Overall All India Rank	Tuition Fee Waiver
Upto 50000	100%
50001 - 100000	50%
100001-150000	25%

D) Free ship/ Scholarships to students seeking admission for BDS Programmes on the basis their NEET-2022 Score/Marks as per following criteria

NEET-2022 Score/Marks	Tuition Fee Waiver
501 & above	100%
451-500	50%
351-450	25%
250- 350	20%

E) Free ship/Scholarships to students seeking admission for MBA programmes on the basis their CAT/MAT/CMAT/ATMA-2022 Score/Marks as per following criteria  
On the basis of CAT-2022

CAT-2022 Score/ Marks	Tuition Fee Waiver
80% and above	100%
75% to 79.99%	50%
70% to 74.99%	25%

On the basis of MAT/CMAT/ATMA-2022

CAT-2022 Score/ Marks	Tuition Fee Waiver
95% and above	100%
90% to 94.99%	50%
85% to 89.99%	25%

F) Free ship/ Scholarships to students seeking admission for B.Arch programmes on the basis their NATA-2022 Marks/ Score as per following criteria

NATA-2022 Marks/Score	Tuition Fee Waiver
121 & above	100%
101 to 120	50%
91 to 100	25%

G) Free ship/ Scholarships to students seeking admission for any UG programmes on the basis their SAT-2022 Marks/ Score as per following criteria

SAT-2022 Marks/Score	Tuition Fee Waiver
1301 & above	100%
1201 to 1300	50%
1101 to 1200	25%



There is a Provision of Teaching Assistantship for the candidate enrolled for M.Tech. and MPT Programmes, as detailed below:

The selected candidates having more than 70% overall marks or 7.00 CGPA in the qualifying examination shall be provided teaching assistantship on the recommendations of the committee constituted by the Vice-Chancellor of the University. Under this provision, such candidates shall be required to engage with Professors/ Associate Professors of the University for Practical and Tutorial Classes with total assignments of 8-10 periods per week and they shall be paid stipend of Rs. 10000/- per month with a maximum limit of payment for 12 months during the complete duration of the M.Tech and MPT programme.

The candidate of M.Tech. and MPT Programmes can either avail the above free ship policy for PG programme or Teaching Assistantship.

**Note:** Total Free ship/ Scholarships to students under all categories stated above (from B to G) put to together shall be limited to maximum 25% (10% for 100% of Tuition Fee waiver cases, 5% for 50% of Tuition Fee waiver cases, 5% for 25% of Tuition Fee waiver cases and 5% for 10% of Tuition Fee waiver cases) of the sanctioned intake for the programme of admission.

H) Free ship/ Scholarships to the Wards of MREI Employee: 25% Tuition fee Waiver (limiting up to maximum of Rs. 12500/ per semester) to First Child only, however, if first child is already getting scholarship on the basis of Merit then this benefit would be passed to second child, if applicable.

I) Free ship/ Scholarships to the Siblings of Manav Rachna Student in any of the HEIs of Manav Rachna: 10% Tuition fee Waiver (limiting up to maximum of Rs. 5000/ per semester) to the Sibling (brother/sister) of Student already enrolled in any of the Programme at HEI of MREI. Only elder one of the siblings would get the said benefit.

**J) Free ship/ Scholarships to the Alumni of Manav Rachna Educational Institution (except MDS):** Student who is an Alumnus of any of the Manav Rachna Educational Institutions (Schools or HEI), eligible for 10% Tuition fee waiver (limiting up to maximum of Rs. 5000/ per semester) during admission to the programs offered by any of the HEI.

A student of BDS, MRIIRS opting for Admission in MDS at MRIIRS shall be eligible for 5% tuition fee waiver.

**K) Free ship/ Scholarships to Girl candidates:** 10% Tuition fee Waiver (limiting up to maximum of Rs. 5000/ per semester) shall be available to all girl candidates in all the UG & PG Programmes provided candidate has scored 60% aggregate marks in the qualifying exam.

In case, candidate is eligible for any free ships/ scholarships in either of above stated categories from A to G, he/she shall be getting the benefit stated in H, I, J & K category over and above to free ship/ scholarship of that category with a maximum limit upto 100% Tuition Fee Waiver.

Otherwise, candidate can avail a maximum of one scholarship at a time, amongst A to G categories as listed above.

**Note:**

- Proof of relationship is to be provided wherever applicable
- For continuity, University Scholarship policy would be applicable from 2nd semester

**L) MERIT CUM MEANS SCHOLARSHIP FOR DOMICILE STUDENTS OF HARYANA**

MRIIRS 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 the 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 25% shall be granted 100% tuition fee concession,
- Two fifth of the 25% shall be granted 50% tuition fee concession,
- The balance two fifth of the 25% shall be granted 25% tuition fee concession.

**Conditions for Continuation of Free ship/ Scholarship in Subsequent semesters for categories- B to G and L mentioned above:**

Progress of students awarded scholarship in subsequent semesters shall be reviewed after end of every semester for continuation, based upon his/her performance in the previous semester. For continuation of scholarship student shall be required to:

- Maintain a minimum SGPA of 7.0 in each semester without any backlog.
- Have 75% attendance in all courses in each semester.
- Applicant 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:**

- For purpose of Scholarship/tuition fee waiver, the marks will not be rounded off to the next higher figure and calculation of percentage of marks shall be made on the basis of eligibility subjects in the qualifying examination (same number of subjects).

M) 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.

**N) Scholarship for outstanding achievers in sports category**

A provision of scholarship for outstanding achievers in sports is available for admission seeker at Higher Educational Institutions (HEIs) as per following categories:

Event/ Level	Participation	Medal Win
Olympics	100% of Tuition Fee	100% of Tuition Fee
Asian Games / Asian Championship	75% of Tuition Fee	100% of Tuition Fee
Common Wealth Games	50% of Tuition Fee	75% of Tuition Fee
World Cup	50% of Tuition Fee	75% of Tuition Fee
National	25% of Tuition Fee	50% of Tuition Fee
State (with compulsory participation in National)	-	25% of Tuition Fee

The candidate seeking admission under any of the above categories of sports shall be required to produce the relevant documents of proof of his/her participation and Medal Won. Sports Committee under Director-Sports will take the final decision regarding Scholarship.

The scholarship under this category shall be given in the first semester and its continuation shall be decided by a committee constituted by the Competent Authority of the Institution / University.

**MERIT SCHOLARSHIP TO SEMESTER/BRANCH TOPPERS**

In order to motivate the students for better and sustained academic performance, MRIIRS offers 'Merit Scholarship to Semester/Branch Toppers' enumerated below for students securing 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 MRIIRS, as under:

- a. **First Position:** Rs.15000/-
- b. **Second Position:** Rs.10000/-
- c. **Third Position:** Rs. 7500/-

The following are the guidelines for granting these Merit Scholarships:

1. Any programme having strength of 90 students or more in semester exam shall qualify for first, second and third position scholarship.
2. Any programme having strength more than 50 students and less than 90 students in semester exam shall qualify for first and second position scholarship, otherwise only a solitary topper shall be given a first position scholarship.
3. If the strength of a course is 10 or less no scholarship will be awarded for that course.

**Scholarships Based on Innovation/ Publication/ Patent filing/ International or National Level Competition:**

There is a provision of scholarship for outstanding achievers in the area of research, innovation, prototype development and their outstanding achievements at national & international level competitions for students at Higher Educational Institutions (HEIs) for the following categories as per policy of the University:

- Startup Registration after generating grant from Govt. / Pvt. Funding organizations
- Competition Winner for Innovative projects
- Patent Granted
- Patent Published
- Patent Filed
- Research Publications

## SCHOLARSHIP/FREE-SHIP POLICY OF MRU FOR 2022-23

Scholarship policy of University encourages a good number of students every year and kindles the spirit of consistent performance. In the last three years a substantial sum of more than Five crore was awarded in the form of various scholarship policies of the universities.

A) Schemes 'Utkarsh' and 'Uttam' for the candidates on the basis of MRNAT-2022 Score for UG & PG programmes:

MRNAT 2022 Score	'Utkarsh' *	'Uttam' **
90.00% & above	100% Tuition Fee Waiver	100% Tuition Fee Waiver
80.00% & above but below 90.00%	50% Tuition Fee Waiver	25% Tuition Fee Waiver
70.00% & above but below 80.00%	25% Tuition Fee Waiver	10% Tuition Fee Waiver

\*Scheme 'Utkarsh' is for candidates taking Admission within a period from 19th February 2022 to 10th July 2022.

\*\*Scheme 'Uttam' is for candidates taking Admission within a period from 11th July 2022 to 31st August 2022.

B) Free ship/ Scholarships to students on the basis of marks/ CGPA in the qualifying examination as per following criteria:

UG level programmes  
(Except B.Ed. & B.Ed. in Special Education)

Marks / CGPA in Qualifying Examination	Tuition Fee Waiver
95% and above	100%
90% to 94.99%	50%
85% to 89.99%	25%
80% to 84.99%	10%

PG level Programme  
(other than LLM programme)

Marks / CGPA in Qualifying Examination	Tuition Fee Waiver
85% and above	100%
80% to 84.99%	50%
75% to 79.99%	25%
70% to 74.99%	10%

LLM Programme

Marks/Score in the Qualifying Examination	Tuition Fee Waiver
75% & above	100%
70% to 74.99%	50%
65% to 69.99%	25%
60% to 64.99%	10%

Scholarship criteria for B.Ed. Programme & BEd. Special Education would be similar to PG Programmes other than LLM

\*Candidate in PG programmes can be associated with faculty member for proper grooming, mentorship and providing assistance to the faculty for students of UG programmes as and when required.

C) Free ship/Scholarships to students seeking admission for B.Tech-Engineering programmes on the basis their JEE Mains -2022 Overall All India Rank as per following criteria

JEE-2020 Overall All India Rank	Tuition Fee Waiver
Upto 50000	100%
50001 - 100000	50%
100001-150000	25%

D) Free ship/Scholarships to students seeking admission for any UG programmes on the basis their SAT-2022-23 Marks/Score as per following criteria

SAT- Marks/Score	Tuition Fee Waiver
1301 & above	100%
1201 to 1300	50%
1101 to 1200	25%

E) Free ship/ Scholarships to students seeking admission for Integrated LLB programmes on the basis their CLAT-2022 Marks/Score as per following criteria

CLAT-2022 Marks/Score	Tuition Fee Waiver
101 & above	100%
91 to 100	50%
80 to 90	25%

There is a Provision of Teaching Assistantship for the candidate enrolled for M.Tech. Programmes, as detailed below:

The selected candidates having more than 70% overall marks or 7.00 CGPA in the qualifying examination shall be provided teaching assistantship on the recommendations of the committee constituted by the Vice-Chancellor of the University. Under this provision, such candidates shall be required to engage with Professors/ Associate Professors of the University for Practical and Tutorial Classes with total assignments of 8-10 periods/ week and they shall be paid stipend of Rs. 10000/- per month with a maximum limit of payment for 12 months during the complete duration of the M.Tech. programme.

The candidate of M.Tech. Programmes can either avail the above free ship policy for PG programme or Teaching Assistantship.

**Note:** Total Free ship/ Scholarships to students under all categories stated above (from B to E) put to together shall be limited to maximum 20% of the sanctioned intake for the programme of admission.

F) 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 the 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 Free ship/ Scholarship in Subsequent semesters for above categories**

Progress of students awarded scholarship in subsequent semesters shall be reviewed after end of every semester for continuation, based upon his/her performance in the previous semester. For continuation of scholarship student shall be required to:

- Maintain a minimum SGPA of 7.0 in each semester without any backlog.
- Have 75% attendance in all courses in each semester.
- 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:**

- For purpose of Scholarship/tuition fee waiver, the marks will not be rounded off to the next higher figure and calculation of percentage of marks shall be made on the basis of eligibility subjects in the qualifying examination (same number of subjects).

**G) Free ship/ Scholarships to the Wards of MREI Employee:** 25% Tuition fee Waiver (limiting up to maximum of Rs. 12500/ per semester) to First Child only, however, if first child is already getting scholarship on the basis of Merit then this benefit would be passed to second child, if applicable.

H) Free ship/ Scholarships to the Siblings of Manav Rachna Student in any of the HEI: 10% Tuition fee Waiver (limiting up to maximum of Rs. 5000/ per semester) to the Sibling (brother/sister) of Student already enrolled in any of the Programme at HEI of MREI. Only elder one of the siblings would get the said benefit.

I) Free ship/ Scholarships to the Alumni of Manav Rachna Educational Institution: Student who is an Alumnus of any of the Manav Rachna Educational Institutions (Schools or HEI), eligible for 10% Tuition fee waiver (limiting up to maximum of Rs. Rs. 5000/ per semester) during admission to the programs offered by any of the HEI.

J) Free ship/ Scholarships to Girl candidates: 10% Tuition fee Waiver (limiting up to maximum of Rs. 5000/ per semester) shall be available to all girl candidates in all the UG & PG Programmes provided candidate has scored 60% marks in the qualifying exam as per eligibility conditions of the Programme.

In case, candidate is eligible for any free ships/ scholarships in either of above stated categories from A to E, he/she shall be getting the benefit stated in G, H, I & J category over and above to free ship/scholarship of that category with a maximum limit upto 100% Tuition Fee Waiver.

Otherwise, Candidate can avail a maximum of one scholarship at a time, amongst clause A to E as listed above

**Note:**

- Proof of relationship is to be provided wherever applicable
- For continuity, University Scholarship policy would be applicable from 2nd Semester

K) 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.

**L) Scholarship for outstanding achievers in sports category**

A provision of scholarship for outstanding achievers in sports is available for admission seeker at Higher Educational Institutions (HEIs) as per following categories:

Event/ Level	Participation	Medal Win
Olympics	100% of Tuition Fee	100% of Tuition Fee
Asian Games/ Asian Championship	75% of Tuition Fee	100% of Tuition Fee
Common Wealth Games	50% of Tuition Fee	75% of Tuition Fee
World Cup	50% of Tuition Fee	75% of Tuition Fee
National	25% of Tuition Fee	50% of Tuition Fee
State (with compulsory participation in National)	-	25% of Tuition Fee

The candidate seeking admission under any of the above categories of sports shall be required to produce the relevant documents of proof of his/her participation and Medal Won. Sports Committee under Director-Sports will take the final decision regarding Scholarship.

The scholarship under this category shall be given in the first semester and its continuation shall be decided by a committee constituted by the Competent Authority of the Institution / University.

**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: Rs.15000/-
- b. Second Position: Rs.10000/-
- c. Third Position: RS. 7500/-

The following are the guidelines for granting these Merit Scholarships:

1. Any programme having strength of 90 students or more in semester exam shall qualify for first, second and third position scholarship.
2. Any programme having strength more than 50 students and less than 90 students in semester exam shall qualify for first and second position scholarship, otherwise only a solitary topper shall be given a first position scholarship.
3. If the strength of a course is 10 or less no scholarship will be awarded for that course.

**Scholarships Based on Innovation/ Publication/ Patent filing/ International or National Level Competition:**

There is a provision of scholarship for outstanding achievers in the area of research, innovation, prototype development and their outstanding achievements at national & international level competitions for students at Higher Educational Institutions (HEIs) for the following categories as per policy of the University:

- Startup Registration after generating grant from Govt./ Pvt. Funding organizations
- Competition Winner for Innovative projects
- Patent Granted
- Patent Published
- Patent Filed
- Research Publications



# PLAY IT WELL

## Sports

CATCH UP WITH AN EDUCATIONAL CURRICULUM THAT BUILDS ACADEMICS AROUND SPORTS. AN INTENT TO MEET THE GROWING DEMAND FOR GRADUATES, EXPECTED TO BE EFFECTIVE ADVOCATES AND LEADERS IN THE DEVELOPMENT, MAINTENANCE, AND PROMOTION OF HEALTH-ENHANCING PHYSICAL ACTIVITIES AND SPORTS. AT MANAV RACHNA, THE FOCUS IS ON INTERDISCIPLINARY AND MULTIDISCIPLINARY APPROACH TOWARDS WHOLESOME GROWTH OF THE STUDENTS IN SPORTS AND SPORTS AND SPORTS SCIENCE. VARIED TIE-UPS WITH RENOWNED SPORTS NAMES AND EMERGENCE CHAMPIONS STAND TESTIMONY TO IT ALL.



## PROGRAMMES TO BE OFFERED AT MRIIRS IN AY 2022-23

The details of programmes offered at MRIIRS including intake, fees, minimum eligibility criteria and criteria for preparation of merit list are tabulated below:

FACULTY OF ENGINEERING AND TECHNOLOGY (FET)								
S. No.	Name of the Program	Duration	Intake	FEES (Per annum) for Indian Nationals in Rupees	FEES (Per annum) in US \$ For PIO/ NRI Students		Minimum Eligibility Criteria	Criteria For Selection
					SAARC (Fees- INR/Year)	NON SAARC (Fees-USD/ Year)		
<b>Bachelor of Technology</b>								
1.	Civil Engg. (See Note 1) Under this programme, the students can get B.Tech. Civil Engineering (Hons.) with specializations in Smart Cities/ Green Technology & Sustainability Engineering by earning additional 18-20 credits in the given particular domain as per provision prescribed in the APH of AICTE.	4 Yrs.	30	1,61,500/ 1,71,500	2,40,000	4,900	For Civil Engg.- Pass in 10+2 examination with at least 45% marks in aggregate in 5 subjects and eligibility shall be determined on the basis of percentage of aggregate marks in i. Chemistry, Physics, Mathematics & English and ii. One subject with the highest score out of the remaining subjects.	Merit preparation / short listing of candidates shall be on the basis of score in JEE Mains 2022/ SAT / Pearson/ MRNAT 2022/ XII Qualifying Examination
2.	Computer Science and Engg. (See Note 2) Under this programme, the students can get the B.Tech. (Hons.) in Computer Science & Engineering with specializations in Cloud Computing/ Gaming Technology by earning additional 18-20 credits in the given particular domain as per provision prescribed by the AICTE. At MRIIRS, the courses under the said domain of Cloud Computing shall be offered in association with Microsoft.		240	1,91,500/ 2,44,000	2,40,000	4,900	For CSE- Pass in 10+2 examination with at least 55% marks for B.Tech in CSE programmes and 60% B.Tech in CSE with specializations in aggregate in 5 subjects and eligibility shall be determined on the basis of percentage of aggregate marks in i. English, Physics & Mathematics and ii. One subject out of the given list* as per Note- A and iii. One subject with the highest score out of the remaining subjects.	
3.	Computer Science and Engg. (Artificial Intelligence and Machine Learning) Under these programmes of B.Tech.-Computer Science & Engg. (Artificial Intelligence and Machine Learning), the students can get the B.Tech. (Hons.) by earning additional 18-20 credits and the courses under this domain shall be offered in association with Microsoft at MRIIRS.*		120	2,44,000	2,40,000	4,900		
4.	Computer Science and Engg. (Digital Forensics and Cyber Security) Under these programmes of B.Tech.-Computer Science & Engg. (Digital Forensic & Cyber Security) the students can get the B.Tech. (Hons.) by earning additional 18-20 credits.		60	2,44,000	2,40,000	4,900		
5.	Electrical & Electronics Engg. Under this programme, the students can get B.Tech Electrical and Electronics Engg. (Hons.) with Specialization in Microgrid Technologies by earning additional 18-20 credits in the given particular domain as per provision prescribed in the APH of AICTE.		30	1,61,500/ 1,71,500	2,40,000	4,900	for EEE- Pass in 10+2 examination with at least 45% marks in aggregate in 5 subjects and eligibility shall be determined on the basis of percentage of aggregate marks in i. English, Physics & Mathematics and ii. One subject out of the given list* as per Note- A and iii. One subject with the highest score out of the remaining subjects.	

FACULTY OF ENGINEERING AND TECHNOLOGY (FET)								
S. No.	Name of the Program	Duration	Intake	FEES (Per annum) for Indian Nationals in Rupees	FEES (Per annum) in US \$ For PIO/ NRI Students		Minimum Eligibility Criteria	Criteria For Selection
					SAARC (Fees- INR/Year)	NON SAARC (Fees-USD/Year)		
<b>Bachelor of Technology</b>								
6.	<b>Electronics &amp; Communication Engg. (See Note 3)</b> Under this programme, the students can get B.Tech Electronics & Communication Engg. (Hons.) with specialization in Artificial Intelligence and Internet of Things (IoT) by earning additional 18-20 credits in the given particular domain as per provision prescribed by the AICTE. At MRIIRS, the courses under the said domain of Artificial Intelligence and Internet of Things (IoT) shall be offered in association with Intel Corporation.	4 Yrs.	30	1,61,500/ 1,96,500	2,40,000	4,900	for ECE- Pass in 10+2 examination with at least 45% marks in aggregate in 5 subjects and eligibility shall be determined on the basis of percentage of aggregate marks in i.English, Physics & Mathematics and ii. One subject out of the given list* as per Note- A and iii. One subject with the highest score out of the remaining subjects.	Merit preparation / short listing of candidates shall be on the basis of score in JEE Mains 2022/ SAT / Pearson/ MRNAT 2022/ XII Qualifying Examination
7.	<b>Mechanical Engineering</b> Under this programme, the students can get B.Tech. Mechanical Engg. (Hons.) with specialization in Electric Vehicles by earning additional 18-20 credits in the given particular domain as per provision prescribed in the APH of AICTE.		30	1,61,500/ 1,71,500	2,40,000	4,900	For <b>Mechanical Engg.</b> - Pass in 10+2 examination with at least 45% marks in aggregate in 5 subjects and eligibility shall be determined on the basis of percentage of aggregate marks in i.Chemistry, Physics, Mathematics & English and ii. One subject with the highest score out of the remaining subjects.	
8.	<b>Biotechnology</b>		30	1,61,500	2,40,000	4,900	Pass in 10+2 examination with at least 45% marks in aggregate in 5 subjects and eligibility shall be determined on the basis of percentage of aggregate marks in i). English, Physics, Chemistry ii). One subject out of Biology, Computer Science, Biotechnology or Mathematics and iii). One subject with the highest score out of the remaining subjects	Merit preparation / short listing of candidates shall be on the basis of score in JEE Mains 2022/ SAT/ Pearson/ MRNAT 2022 / XII Qualifying Examination
9.	<b>B.Sc. (Hons.)- Microbiology (See Note- 4)</b>	3 Yrs.	30	1,26,000	2,40,000	4,900	Pass in 10+2 Examination/ Equivalent Examination with at least 50% marks in aggregate in 5 subjects including English as a compulsory subject along with 4 subjects with the highest score out of the remaining subjects.	Merit preparation/ short listing of candidates shall be on the basis of score in MRNAT 2022/ Marks in Qualifying Examination
<b>Sub Total</b>			<b>600</b>					

**Note A:** Chemistry/Computer Science/ Electronics/ Information Technology/ Biology/ Informatics Practices/ Biotechnology/ Technical Vocational subject/ Agriculture/ Engineering Graphics/ Business Studies/ Entrepreneurship

**Note 1:** The students articulating into the AUT programme will be required to take the specifically stated courses through MRIIRS over the first 2 years of study of B.Tech. Civil Engineering, equivalent to 240 NZ points. Entry into the AUT programme will be dependent on the CGPA attained by the MRIIRS student, at one of three entry points as described below.

Total study points in AUT will be 240, 300 or 360 depending on entry CGPA.

- If CGPA at MRIIRS is > 8, then entry at AUT will at Level 7 - Direct into start of 3rd year. This will be a genuine 2+2 articulation and student will have to earn another 240 points at AUT.

- If CGPA at MRIIRS is between 7 and 7.9, then entry at AUT will at Level 6 - Direct into second semester of second year of AUT This will be a 2+2.5 articulation and student will have to earn another 300 (240-60) points at AUT

- If CGPA at MRIIRS is between 6 and 6.9, then entry at AUT will at Level 5 - Direct into start of second year of AUT This will be a 2+3 articulation and student will have to earn another 360 points at AUT.

\*New Programme subject to approval of AICTE



**Note-2:** The eligible students under this programme shall have a provision to proceed to Purdue University North West (PUNW) USA in 2nd year or in 3rd year directly with transfer of credits of all courses/subjects studied at MRIIRS as per mapping of the courses and thereafter can complete rest of their programme of B.Tech. at (PUNW) with award of degree of PUNW, USA.

**Note-3:** With Intel, this programme provides an opportunity to the students to learn the insights to the most important technologies driving the modern world namely Artificial Intelligence and Internet of Things. Students will be given 360 degree exposure to various INTEL Hardware and Software platforms that are used in Industry for AI and IoT development. Curriculum designing in consultation with INTEL Experts will provide an opportunity to the students to acquire the latest skills in these cutting edge technologies using Intel Intelligent Systems Lab through INTEL experts. Students will get an opportunity to work on INTEL Xeon Processors, INTEL Parallel Studio Software, Intel System Studio Software, INTEL AI development Tools, INTEL AI Software Libraries, INTEL Frame Work Optimization, Movidius Neural Compute Stick and INTEL FPGA Boards. In the IoT Space, the students will get to learn about INTEL Galileo, INTEL Edison Boards along with other popular boards like Raspberry Pi and Arduino for designing IoT Systems. Students will get certified on successful completion of the course which caters to the need of Industry 4.0, theory and lab Courses related to Artificial Intelligence, Machine Learning, Internet of Things and detailed coverage of Electronics hardware that is driving these technologies.

This programme opens up Job opportunities for the Students in various Electronics and IT Industry and various sectors like Health Care, Core Electronics, driverless cars and various other areas where AI and IoT are playing an important role.

**Note-4:** 65% or above (equivalent to UK 2:2 classification). Overall minimum CGPA: 6.5 out of 10 at the end of their 3-year programme to progress to Aston Program.

FACULTY OF ENGINEERING AND TECHNOLOGY (FET)								
S. No.	Name of the Program	Duration	Intake	FEES (Per annum) for Indian Nationals in Rupees	FEES (Per annum) in US \$ For PIO/ NRI Students		Minimum Eligibility Criteria	Criteria For Selection
					SAARC (Fees- INR/Year)	NON SAARC (Fees-USD/ Year)		
<b>Bachelor of Technology (Lateral Entry)</b>								
1.	<b>Biotechnology</b>	3 Yrs.	3*	1,81,500	2,50,000	4,900	45% marks in 3-year Diploma in Engineering in any branch/ discipline from State Board of Technical Education or Equivalent Examination or B.Sc. Degree from a recognized University as Defined by UGC, with at least 50 % marks and passed XII standard with Mathematics as a subject	Merit preparation/ short listing of candidates shall be on the basis of score in MRNAT 2022/ Marks in Qualifying Examination
2.	Civil Engg. Under this programme, the students can get B.Tech. Civil Engg. (Hons.) with specializations in Smart Cities/ Green Technology & Sustainability Engg. by earning additional 18-20 credits in the given particular domain as per provision prescribed in the APH of AICTE		3*	1,81,500	2,50,000	4,900		
3.	Computer Science and Engg. Under this programme, the students can get the B.Tech. in Computer Science & Engg. with specialization in Cloud Computing/ AI & ML by earning additional 18-20 credits in the given particular domain as per provision prescribed by the AICTE. At MRIIRS, the courses under the said domain of Cloud Computing/ AI & ML shall be offered in association with Microsoft.		24*	1,91,500 2,44,000	2,50,000 2,50,000	4,900 5,000		
4.	Computer Science and Engg.- Digital Forensics & Cyber Security Under this programme, the students can get the B.Tech. in Computer Science & Engg. (Digital Forensics and Cyber Security) by earning additional 18-20 credits in the given particular domain as per provision prescribed by the AICTE. At MRIIRS, the courses under the said domain of Digital Forensics and Cyber Security shall be offered in association with IBM.		6*	2,44,000	2,50,000	5,000		
5.	Computer Science and Engg.- Gaming Technology Under this programme, the students can get the B.Tech in Computer Science & Engg. (Gaming Technology) by earning additional 18-20 credits in the given particular domain as per provision prescribed by the AICTE. At MRIIRS, the courses under the said domain of Gaming Technology shall be offered in association with IBM.		3*	2,44,000	2,50,000	5,000		

FACULTY OF ENGINEERING AND TECHNOLOGY (FET)								
S. No.	Name of the Program	Duration	Intake	FEES (Per annum) for Indian Nationals in Rupees	FEES (Per annum) in US \$ For PIO/ NRI Students		Minimum Eligibility Criteria	Criteria For Selection
					SAARC (Fees- INR/Year)	NON SAARC (Fees-USD/ Year)		
<b>Bachelor of Technology (Lateral Entry)</b>								
6.	Electronics & Communication Engg. Under this programme, the students can get the B.Tech. in Electronics and Communication Engg. with Specialization in Internet of Things (IoT) by earning additional 18-20 credits in the given particular domain as per provision prescribed in the APH of AICTE.	3 Yrs.	6*	1,81,500 2,21,500	2,50,000 2,50,000	4,900 5,000	45% marks in 3-year Diploma in Engineering in any branch/ discipline from State Board of Technical Education or Equivalent Examination or B.Sc. Degree from a recognized University as Defined by UGC, with at least 50 % marks and passed XII standard with Mathematics as a subject	Merit preparation/ short listing of candidates shall be on the basis of score in MRNAT 2022/ Marks in Qualifying Examination
7	Electrical & Electronics Engg. Under this programme, the students can get the B.Tech in Electrical and Electronics Engg. with Specialization in Micro Grid Technology by earning additional 18-20 credits in the given particular domain as per provision prescribed in the APH of AICTE		3*	1,81,500	2,50,000	4,900		
8.	Mechanical Engineering Under this programme, the students admitted through Lateral Entry can get the B.Tech. in Mechanical Engg. with Specialization in Mechatronics by earning additional 18-20 credits in the given particular domain as per provision prescribed in the APH of AICTE.		6*	1,81,500	2,50,000	4,900		
<b>Sub Total</b>			<b>54*</b>					

\*In addition to above seats of the sanctioned intake admissions in B.Tech. Lateral Entry shall also be made against the seats remaining vacant in 1st year of AY 2021-22

FACULTY OF ENGINEERING AND TECHNOLOGY (FET)								
S. No.	Name of the Program	Duration	Intake	FEES (Per annum) for Indian Nationals in Rupees	FEES (Per annum) in US \$ For PIO/ NRI Students		Minimum Eligibility Criteria	Criteria For Selection
					SAARC (Fees- INR/Year)	NON SAARC (Fees-USD/ Year)		
<b>Master of Technology and Master of Science</b>								
1.	M.Tech. Biotechnology	2 Yrs.	06	1,06,000	1,20,000	4,000	Minimum 50% Marks or equivalent CGPA in B.Tech Biotechnology/Microbiology/ Botany/ Zoology or M.Sc. Bio Sciences	Merit preparation/ short listing of candidates shall be on the basis of Valid GATE score/ Marks in Qualifying Examination
2.	M.Tech. Mechanical Engineering		06	1,06,000	1,20,000	4,000	Minimum 50% Marks or equivalent CGPA in B.Tech. in any discipline	
3.	M.Tech. Electronics and Communication Engg. This programme is offered with specializations in Communication Systems/ VLSI Design and Embedded Systems based on the courses opted by the students out of the basket of offered elective courses.		06	1,06,000	1,20,000	4,000	Minimum 50% Marks or equivalent CGPA in B.Tech - Electronics & Communication Engg./ Telecommunication Engg./ Computer Science & Engg. / Information Technology/ Electronics & Instrumentation Engg./ Instrumentation & Control Engg./ Electrical & Electronics Engg. /Electrical Engg./ Biomedical Engg./Power Electronics or MSc Electronics/ Physics with Electronics as one of the subjects	
4.	M.Tech. Computer Engineering & Networking		06	1,06,000	1,20,000	4,000	Minimum 50% Marks or equivalent CGPA in B.Tech.- Electronics & Communication Engg./Telecommunication Engg./ Computer Science & Engg./ Information Technology/ Electronics & Instrumentation Engg./ Instrumentation & Control Engg. / Electrical & Electronics Engg./Electrical Engg./Power Electronics or MCA or MSc-Computer Science/ Information Technology/ Electronics/ Physics/ Mathematics	

FACULTY OF ENGINEERING AND TECHNOLOGY (FET)								
S. No.	Name of the Program	Duration	Intake	FEES (Per annum) for Indian Nationals in Rupees	FEES (Per annum) in US \$ For PIO/ NRI Students		Minimum Eligibility Criteria	Criteria For Selection
					SAARC (Fees- INR/Year)	NON SAARC (Fees-USD/ Year)		
<b>Master of Technology and Master of Science</b>								
5.	M. Tech. - Automation and Robotics (See Note: 5)	2 Yrs.	06	1,06,000	1,20,000	4,000	Minimum 50% Marks or equivalent CGPA in B.Tech.- Electronics & Instrumentation Engg. / Computer Engg./ Instrumentation & Control Engg./Electrical & Electronics Engg/ Electrical Engg./Power Electronics or Electronics/ Mechanical Engg. or equivalent	Merit preparation/ short listing of candidates shall be on the basis of Valid GATE score/ Marks in Qualifying Examination
6.	M. Tech. Civil Engineering This programme is offered with specialization in Structural Engg./ Construction Management/ Transportation Engg. based on the courses opted by the students out of the basket of offered elective courses. Further, the student shall be given the choice to complete the programme in 2 years or 3 years.		18	1,06,000 Per annum for 2 yrs. 80,000 per annum for 3 yrs.	1,20,000	4,000	Minimum 50% Marks or equivalent CGPA in B.Tech.-Civil Engg.	
7.	M.Sc. Biotechnology		20	1,06,000	1,30,000	3,300	Minimum 50% marks in B.Sc. with any subject related to Life Sciences	Merit preparation/ short listing of candidates shall be on the basis of score in MRNAT 2022/ Marks in Qualifying Examination
8.	M.Sc.- Microbiology (See Note: 6)		10	1,16,000	1,30,000	3,300	Minimum 50% marks in B.Sc. with any subject related to Life Sciences	
<b>Sub Total</b>			<b>78</b>					

**Note-5:** This programme is offered in association with Mitsubishi Electric India Ltd. as a knowledge Partner: Mitsubishi Electric India has set-up an Advanced Factory Automation Lab and its Centre of Excellence. The center has world class infrastructure with latest iQR set up including: Q series Programmable logic Controller (PLC), Servo, Variable Frequency Drive (VFD), Graphical Operational Terminal (GOT) 2000, X-Y Plotter, FX Kits, Robot Simulator setup with with six axis joint & 240 degree in either direction which is the First Robotics Lab set up by MEI in the north India and SCADA Software for monitoring and analysis. M.Tech Automation & Robotics will enable students to serve the Industry requirement for implementation of new and smart technologies covering methods of synthesis, analysis & optimization of newer robots and mechanisms. The initial job functions in the field include- Robotics Engineer, Robotics Welding, Mobile Robotics, 3D Robotics, and Robotics Engineer at E-commerce Giants amongst others. Immediate & long term employment opportunities exist in the fields like industrial automation, manufacturing, agriculture, mining, aerospace, healthcare and defense. This field also finds applications in the regular streams like mechanical systems/design engineering, electronics systems engineering and control systems engineering.

The programme includes: Hands-on Experience on Robotics and Automation by Theory & Practice, Development of analytical skills, modeling and simulation skills to identify and analyze problems, propose and execute solutions in well equipped labs and Training on latest lab equipments, CNC machining, 3-D printers and CAD design software

**Note- 6:** Students to have achieved first year of M.Sc. average at MR: grade point (CGPA) of 6.5 out of 10 (65% or above) to progress to the Aston programme.

The programmes namely B.Tech - Computer Science and Engineering, Electronics & Communication Engineering, Mechanical Engineering and Biotechnology are accredited by National Board of Accreditation (NBA) under Tier-I Category.

FACULTY OF ALLIED HEALTH SCIENCES (FAHS)								
S. No.	Name of the Program	Duration	Intake	FEES (Per annum) for Indian Nationals in Rupees	FEES (Per annum) in US \$ For PIO/ NRI Students		Minimum Eligibility Criteria	Criteria For Selection
					SAARC (Fees- INR/Year)	NON SAARC (Fees-USD/ Year)		
1.	Bachelor of Physiotherapy (BPT)	4½ Yrs. (including 6 month Compulsory internship)	60	1,61,000	1,40,000	3,300	Pass in 10+2 Examination / Equivalent Examination with at least 50% marks in aggregate in 5 subjects including English, Physics, Chemistry & Biology and One subject with the highest score out of the remaining subjects.	Merit preparation / short listing of candidates shall be on the basis of score in MRNAT 2022/ Marks in Qualifying Examination
2.	Master of Physiotherapy (MPT) with specialization in Musculoskeletal/ Cardiopulmonary/ Sports/ Neurology	2 Yrs.	40	1,71,000	1,40,000	4,000	55% marks in aggregate in Bachelor of Physiotherapy from a recognized University	

FACULTY OF ALLIED HEALTH SCIENCES (FAHS)								
S. No.	Name of the Program	Duration	Intake	FEES (Per annum for Indian Nationals in Rupees)	FEES (Per annum) in US \$ For PIO/ NRI Students		Minimum Eligibility Criteria	Criteria For Selection
					SAARC (Fees-INR/Year)	NON SAARC (Fees-USD/Year)		
3.	B.Sc. - Nutrition & Dietetics	3 Yrs. (including 2 month clinical/ industrial training)	50	1,41,000	1,40,000	3,300	Pass in 10+2 Examination / Equivalent Examination with at least 50% marks in aggregate in 5 subjects including English as a compulsory subject along with 4 subjects with the highest score out of the remaining subjects.	Merit preparation / short listing of candidates shall be on the basis of score in MRNAT 2022/ Marks in Qualifying Examination
4.	B.Sc. Hons. - Food Science and Technology	3 Yrs.	10	1,41,000	1,40,000	3,300	Pass in 10+2 Examination / Equivalent Examination with at least 50% marks in aggregate in 5 subjects including English, Chemistry and Biology as a compulsory subject along with 4 subjects with the highest score out of the remaining subjects.	
5.	M.Sc. - Nutrition & Dietetics	2 Yrs.	50	1,41,000	1,20,000	3,300	50% marks in aggregate in graduation from a recognized University, Bachelor's degree in Nutrition, Home Science, Nursing Food Technology, Medical Lab Technology, Biochemistry, Microbiology, Physiology, Zoology, Physiotherapy, Medicine, Dental Science, Life Sciences, Sports Science or equivalent examination	
Sub Total			210					

FACULTY OF COMMERCE (FoC)								
S. No.	Name of the Program	Duration	Intake	FEES (Per annum for Indian Nationals in Rupees)	FEES (Per annum) in US \$ For PIO/ NRI Students		Minimum Eligibility Criteria	Criteria For Selection
					SAARC (Fees-INR/Year)	NON SAARC (Fees-USD/Year)		
1.	Bachelor of Commerce (Hons.) There is a provision for undertaking the courses of Association of Chartered Certified Accountants (ACCA) which is a global professional accounting body.	3 Yrs.	80	1,36,000 1,64,500 (See Note- B)	1,40,000	3,300	Pass in 10+2 Examination/ Equivalent Examination with at least 50% marks in aggregate in 5 subjects including English as compulsory subject along with 4 subjects with the highest score out of the remaining subjects	Merit preparation / short listing of candidates shall be on the basis of score in SAT/MRNAT 2022/ Marks in Qualifying Examination
2.	M.Com	2 Yrs.	15	1,36,000	1,10,000	3,300	50% marks in aggregate in B.Com, BBA (any stream) and BA Economics from a recognized university	
Sub Total			95					

**Note:** B Student undertaking B.Com (Hons.) with ACCA courses will have 13 ACCA papers integrated within the program. Students need to complete 13 papers for an ACCA qualification. 9 papers are exempted in ACCA knowledge and skills modules. The student can write the ACCA 4 Professional Level papers from the second year. B.Com (Hons.) with ACCA will help the students to finish ACCA Professional qualification without much additional training since the curriculum is already integrated or embedded in the B.Com (Hons.) syllabus. ACCA is an internationally recognized certification. Students studying B.Com (Hons.) with ACCA get to study all the aspects essential for commerce and business, ranging from accounting, taxation, marketing, management, reporting, law, government compliances along with regular B.Com subjects. B.Com (Hons.) with ACCA candidates get job in areas of audit and assurance, business development, business restructuring, commercial finance, compliance and risk, consulting and advisory, corporate and business accounting, corporate finance etc.

FACULTY OF HOTEL MANAGEMENT (FHM)								
S. No.	Name of the Program	Duration	Intake	FEES (Per annum for Indian Nationals in Rupees)	FEES (Per annum) in US \$ For PIO/ NRI Students		Minimum Eligibility Criteria	Criteria For Selection
					SAARC (Fees-INR/Year)	NON SAARC (Fees-USD/Year)		
1.	Bachelor of Science - Hospitality & Hotel Administration	3 Yrs.	40	1,41,000	1,50,000	3,500	Pass in 10+2 Examination/ Equivalent Examination with at least 45% marks in aggregate in 5 subjects including English as compulsory subject along with 4 subjects with the highest score out of the remaining subjects	Merit preparation / short listing of candidates shall be on the basis of score in MRNAT 2022/ Marks in Qualifying Examination
1.	Bachelor of Science-Culinary Arts	3 Yrs.	40	3,77,000	-	-		
Sub Total			80					

FACULTY OF COMPUTER APPLICATIONS (FCA)								
S. No.	Name of the Program	Duration	Intake	FEES (Per annum) for Indian Nationals in Rupees	FEES (Per annum) in US \$ For PIO/ NRI Students		Minimum Eligibility Criteria	Criteria For Selection
					SAARC (Fees- INR/Year)	NON SAARC (Fees-USD/ Year)		
1.	<b>Bachelor of Computer Applications (BCA)</b> (See Note 7) Under this programme, the students can get Bachelor of Computer Applications with specializations in Cyber Security/ Data Science and Big Data Analytics/ AI & ML by earning additional 15-18 credits in the given particular domain. At MRIIRS, the courses under the said domain of Cyber Security/ Data Science and Big Data Analytics/ AI & ML shall be offered in association with Microsoft.	3 Yrs.	180	1,41,000/ 1,64,500 (See Note 7)	1,30,000	3,500	Pass in 10+2 Examination/ Equivalent Examination with at least 50% marks in aggregate in 5 subjects including English as compulsory subject along with 4 subjects with the highest score out of the remaining subjects	Merit preparation/ short listing of candidates shall be on the basis of score in MRNAT 2022/ Marks in Qualifying Examination
2.	<b>Bachelor of Science - Information Technology</b> Under this programme, the students can get B.Sc -IT in association with AIS, New Zealand with additional 4 week internship at AIS, New Zealand	3 Yrs.	25	1,36,000/  1,39,500 +NZ\$ 900 each for First two years and NZ\$ 800 in Third year as foreign fee component	1,10,000	3,300	Pass in 10+2 Examination / Equivalent Examination with at least 50% marks in aggregate in 5 subjects including English as compulsory subject along with 4 subjects with the highest score out of the remaining subjects  Pass in 10+2 Examination / Equivalent Examination with at least 50% marks in aggregate in 5 subjects including English as compulsory subject along with 4 subjects with the highest score out of the remaining subjects plus (a) having studied in English Medium from 8th to 12th class or (b) IELTS composite score at 6.0 with individual score not less than 5.5	
3.	<b>Master of Computer Applications (MCA)</b>	2 Yrs.	60	1,46,000/	1,60,000	4,000	50% marks either in BCA/Bachelor Degree in Computer Science Engg. or equivalent degree or in B.Sc./B.Com/B.A with Mathematics at 10+2 level or at Graduation level (with additional Bridge courses as per the norms of concerned University)	
<b>Sub Total</b>			<b>265</b>					

**Note 7:** Specialization under Cyber Security focuses on providing students with industrial exposure and case studies for a practical outlook. The professionals from the company themselves conduct the lecture and teach students what is actually practiced in the global industry. The course will cover the Design of Secure Networked Systems, Develop Secure Programs with Basic Cryptography and Crypto API, Hacking and Patching Web Applications, Perform Penetration Testing, and Secure Networked Systems with Firewall and IDS, which will prepare the students to perform tasks as Cyber Security Engineer, IT Security Analyst, and Cyber Security Analyst

Data Science and Big Data Analytics gives exposure to smart automated data tested solutions for Hadoop, Data lakes & No SQL data stores. Work on data products for future Businesses with Cloudera Data science environment.

AI & ML is an Industry-aligned programme for learning in-demand skills such as deep learning, NLP, Reinforcement Learning, work on many industry projects & multiple programming tools. Engage in collaborative real-life projects, dedicated mentorship, & access to up Grad's career assistance resources by experts.



FACULTY OF MEDIA STUDIES & HUMANITIES (FMeH)								
S. No.	Name of the Program	Duration	Intake	FEES (Per annum) for Indian Nationals in Rupees	FEES (Per annum) in US \$ For PIO/ NRI Students		Minimum Eligibility Criteria	Criteria For Selection
					SAARC (Fees-INR/Year)	NON SAARC (Fees-USD/Year)		
1.	<b>B.A- Media &amp; Communication</b> A student seeking admission in B.A- Media & Communication can get B.A- Media & Communication with Hons. with either of the following specializations by earning additional 16 credits in the mentioned specialized emerging area/field : 1) Print & New Media 2) Digital Media Production 3) PR, Advertising & Event Management  The eligible students under this programme shall have a provision to proceed Western Sydney University (WSU) , Australia in 2nd year directly with transfer of credits of all courses/subjects studied at MRIIRS.	3 Yrs.	40	1,41,000/ 1,51,000/	1,41,000	3,500	Pass in 10+2 Examination /Equivalent Examination with at least 45% marks in aggregate in 5 subjects including English as compulsory subject along with 4 subjects with the highest score out of the remaining subjects	Merit preparation / short listing of candidates shall be on the basis of score in MRNAT 2022/ Marks in Qualifying Examination
			10	2,01,000/ (See Note 8)	3,00,000 (See Not 8)	5,500	Pass in 10+2 Examination / Equivalent Examination with at least 50% marks in aggregate in 5 subjects including English as compulsory subject along with 4 subjects with the highest score out of the remaining subjects plus (a) having studied in English Medium from 8th to 12th class or (b) IELTS composite score at 6.0 with individual score not less than 5.5	
2.	<b>M.A- Media &amp; Communication</b> A student seeking admission in M.A.- Media & Communication will have the option to go for either of the following specializations based on the basket of elective courses opted by him/her as per notified criteria of the University: 1) Print & Digital Journalism 2) Broadcast Journalism 3) Sports Journalism and PR Management	2 Yrs.	10	1,41,000/	1,20,000	4,000	45% marks in any stream at Graduation level from a recognized university with pass in English in 10+2	
3.	<b>B.A (Hons.)- English</b>	3 Yrs.	40	1,16,000/	1,10,000	3,300	Pass in 10+2 Examination / Equivalent Examination with at least 45% marks in aggregate in 5 subjects including English as compulsory subject along with 4 subjects with the highest score out of the remaining subjects	
4.	<b>M.A- English</b>	2 Yrs.	20	1,16,000/	1,00,000	3,300	45% marks in any stream at Graduation level from a recognized university with pass in English in 10+2	
<b>Sub Total</b>			<b>120</b>					

**Note-8:** The eligible students under this programme shall have a provision to proceed Western Sydney University (WSU), Australia in 2nd year directly with transfer of credits of all courses/ subjects studied at MRIIRS and completes the programme of Bachelor of Communication of WSU with award of their degree of Bachelors of Communication.

WSU, Australia provides academic support in terms of course details and delivery during the first year of this programme at MRIIRS through the faculty members of WSU Australia. The eligible students who shall be moving to WSU, Australia in their 2nd year of this programme with the transfer of credits (provided they do earn all the offered credits during first year) and completes their 2nd and 3rd year shall be required to pay the fee and other charges as per WSU Australia during that period and shall be awarded the degree of Bachelor of Communication of the WSU, Australia.



FACULTY OF MANAGEMENT STUDIES (FMS)								
S. No.	Name of the Program	Duration	Intake	FEES (Per annum) for Indian Nationals in Rupees	FEES (Per annum) in US \$ For PIO/ NRI Students		Minimum Eligibility Criteria	Criteria For Selection
					SAARC (Fees- INR/Year)	NON SAARC (Fees-USD/Year)		
1	Bachelor of Business Administration (BBA) General (See Note- 9)	3 Yrs.	120	1,64,500	1,40,000	3,300	Pass in 10+2 Examination / Equivalent Examination with at least 50% marks in aggregate in 5 subjects including English as compulsory subject along with 4 subjects with the highest score out of the remaining subjects.	Merit preparation / short listing of candidates shall be on the basis of score in SAT/ MRNAT 2022/ Marks in Qualifying Examination
	Bachelor of Business Administration (Banking and Financial Markets) in association with Bombay Stock Exchange (BSE) (See Note- 9a)		30	1,71,000	1,40,000	3,300		
	Bachelor of Business Administration (BBA)- Digital Marketing in association with Talent Edge (See Note: 9b)		60	1,71,000	1,40,000	3,300		
	Bachelor of Business Administration (BBA)- Retail and Sales Management in association with Retailers Association's Skill Council of India (RASCI) + Spencers under Apprenticeship Programme (See Note- 9c)		20	1,36,000	1,40,000	3,300		
	Bachelor of Business Administration (Global) - International Business (in association with AIS, New Zealand) (See Note- 9d & 9e)		20	1,51,000 +NZ\$ 800 each for First two years and NZ\$ 700 in Third year as foreign fee component	3,00,000	5,500		
2.	Master of Business Administration (MBA)	2 Yrs.	120	2,98,500	2,60,000	4,900	Graduation/Post Graduation or have passed the final examination conducted by the institute of Chartered Accountants of India/Institute of Cost & Works Accountants of India/ Institute of Company Secretaries of India/ any other course which is Government recognized course with minimum 50% marks	Merit preparation/ short listing of candidates shall be on the basis of score in All India Entrance Tests (CAT/ MAT/ XAT/any other equivalent test) & GD/ PI The Combined Merit List shall be based upon the following weight ages: Marks in Class X-10% Marks in Class XII-10% Marks in Graduation-10% Behavior Skill Test-10% Marks in Entrance Test 25% GD/Essay-10% Personal interview - 20% Work Experience/ Extra Curricular Activities - 5%
	with Dual Specialization in - Finance, Marketing, Human Resource & Organizational Behavior, International Business, Management Information Systems, Entrepreneurship & Small Business Management, Business Analytics, Event & Media and Operation Management, Banking and Insurance Management, Aviation Management, Healthcare Management & Waste Management (See Note: 10)							
Sub Total			370					

**Note 9:** The eligible students of this programme who successfully completes the 1st year of MRIIRS BBA programme the specified stream will receive credit towards Bachelor of Business Programme offered by Waikato Management School of University of Waikato, New Zealand.

**Note 9a:** BBA (Banking and Financial Markets) is conducted in association with Bombay Stock Exchange (BSE). One course in every semester is delivered by BSE experts.

**Note 9b:** Bachelor of Business Administration (BBA)- Digital Marketing in association with Talent Edge, Industry professional from Talent Edge will be imparting teaching of total six courses during entire 3-year program with internship facility and assistance for placement and obtaining professional certifications.

**Note 9c:** (New Programme from AY 2022-23) Apprenticeship embedded 3-year BBA in Retail & Sales Management program is in collaboration with Retailers Association's Skill Council of India (RASCI) & with Spencer- a retail industry, on job training will be provided by Spencer Retail Pvt. Ltd for which student can expect stipend as well. Opportunity to avail Certification of Retail Team Leader from sector council and Certificate of Apprenticeship from Government

**Note 9d:** Auckland Institute of Studies, New Zealand provide curriculum and accreditation support for BSc IT and BBA-(Global) International Business of MRIIRS. The students admitted in these programmes shall undergo 4-week study abroad programme/ internship at AIS Auckland, New Zealand as a part of their programme.

**Note 9e:** The eligible students under this programme shall have a provision to proceed Nottingham Trent University (NTU), UK in 2nd year directly with transfer of credits of all courses/subjects studied at MRIIRS and complete the rest of their programme of Bachelor of Business at NTU with award of their degree of Bachelors of Business. And we have 3+1 progression route also, upon successful completion of NTU course, applicant may progress to 1 year master program

**Note 10 :** • MBA Admissions shall be based on All India Entrance Tests (CAT/MAT/XAT/any other equivalent test) and GD/PI.

• Candidates can apply on the prescribed form on the basis of valid score of above tests.

FACULTY OF ARCHITECTURE AND DESIGN (FAD)								
S. No.	Name of the Program	Duration	Intake	FEES (Per annum) for Indian Nationals in Rupees	FEES (Per annum) in US \$ For PIO/ NRI Students		Minimum Eligibility Criteria	Criteria For Selection
					SAARC (Fees- INR/Year)	NON SAARC (Fees-USD/Year)		
1.	<b>Bachelor of Design (B. Design)</b> This programme is offered with specializations in Interior design/ Animation and Visual Effects (VFX)/ Communication Design based on the courses opted by the students out of the basket of offered elective courses.	4 Yrs.	60	1,91,500	2,40,000	5,000	Pass in 10+2 Examination/ Equivalent Examination with at least 45% marks in aggregate in 5 subjects including English as compulsory subject along with 4 subjects with the highest score out of the remaining subjects	Merit preparation / short listing of candidates shall be on the basis of score in MRNAT 2022/ Marks in Qualifying Examination
2.	<b>B.Sc. Interior Design</b>	3 Yrs.	40	1,61,500	1,60,000	3,500	Pass in 10+2 Examination/ Equivalent Examination with at least 45% marks in aggregate in 5 subjects including English as compulsory subject along with 4 subjects with the highest score out of the remaining subjects	
3.	<b>M.Sc. Interior Design</b>	2 Yrs.	10	1,61,500	1,60,000	3,500	Min. 45% marks in Bachelors Degree in any discipline from recognized University.	
<b>Sub Total</b>			<b>110</b>					

FACULTY OF BEHAVIOURAL & SOCIAL SCIENCES (FBSS)								
S. No.	Name of the Program	Duration	Intake	FEES (Per annum) for Indian Nationals in Rupees	FEES (Per annum) in US \$ For PIO/ NRI Students		Minimum Eligibility Criteria	Criteria For Selection
					SAARC (Fees- INR/Year)	NON SAARC (Fees-USD/Year)		
1.	<b>B.A (Hons.) - Applied Psychology with specializations in Clinical Psychology, Counseling Psychology, Industrial and Organizational Psychology, Educational Psychology, Consumer Psychology, Health Psychology, Sports Psychology, Testing and Assessment, Personality and Social Psychology, Developmental Psychology (See Note- 11)</b>	3/4 Yrs.*	60	1,26,000	1,20,000	3,300	Pass in 10+2 Examination / Equivalent Examination with at least 45% marks in aggregate in 5 subjects including English as compulsory subject along with 4 subjects with the highest score out of the remaining subjects	Merit preparation / short listing of candidates shall be on the basis of score in MRNAT 2022/ Marks in Qualifying Examination
2.	<b>B.A (Hons.)- Economics</b>	3/4 Yrs.*	20	1,26,000	1,20,000	3,300	Pass in 10+2 Examination / Equivalent Examination with at least 45% marks in aggregate in 5 subjects including English as compulsory subjects along with 4 subjects with the highest score out of the remaining subjects	
3.	<b>B.A- Liberal Arts</b> The student seeking admission in B.A- Liberal Arts shall have the option to go for Sociology as Major and others as Minor courses based on the chosen basket of courses by the students out of courses offered by the University.	3/4 Yrs.*	20	1,26,000	1,20,000	3,300	Pass in 10+2 Examination / Equivalent Examination with at least 45% marks in aggregate in 5 subjects including English as compulsory subjects along with 4 subjects with the highest score out of the remaining subjects	
4.	<b>B.A (Hons.)- Political Science</b>	3/4 Yrs.*	30	1,26,000	1,20,000	3,300	Pass in 10+2 Examination / Equivalent Examination with at least 45% marks in aggregate in 5 subjects including English as compulsory subjects along with 4 subjects with the highest score out of the remaining subjects	



FACULTY OF BEHAVIOURAL & SOCIAL SCIENCES (FBSS)								
S. No.	Name of the Program	Duration	Intake	FEES (Per annum) for Indian Nationals in Rupees	FEES (Per annum) in US \$ For PIO/ NRI Students		Minimum Eligibility Criteria	Criteria For Selection
					SAARC (Fees- INR/Year)	NON SAARC (Fees-USD/ Year)		
5.	M.A- Applied Psychology with specializations in following areas: Clinical, Counseling, Industrial and Organizational, Educational, Health, Sports, Psychological Assessment and Psychometric Testing, Personality Assessment, Social., Cognitive & Perceptual, Community, Consumer, Developmental, Engineering, Environmental, Evolutionary, Experimental, Forensic & Criminal, Neuropsychology, Rehabilitation & School Psychology (See Note- 11a)	2 Yrs.	20	1,16,000	1,20,000	3,300	45% marks in Bachelor Degree in any discipline from a recognized University.	Merit preparation / short listing of candidates shall be on the basis of score in MRNAT 2022/ Marks in Qualifying Examination
6.	M.A-Economics (See Note 12)	2 Yrs.	20	1,16,000	1,20,000	3,300		
7.	M.A- Public Policy and Public Administration	2 Yrs.	10	1,16,000	1,20,000	3,300		
Sub Total			180					

\*The eligible students with minimum 7.5 CGPA in the programmes can go for 4th year of programme in the respective domain and pursue for 4 year Degree programme (Honours/ Research) by earning additional 44 credits in 4th year of his/her 4 year programme. Such students shall be at par with level 8 as per NEP 2020 and can further pursue one year of his/her Master's programme.

**Note-11:** 75% or above (equivalent to UK 2:1 classification). Overall minimum CGPA: 7.5 out of 10 at the end of their 3-year programme to progress to the Aston programme

**Note-11a:** students to have achieved 1st year M.Sc. average at MR: grade point (CGPA) of 7.5 out of 10 (75% or above) to progress to the Aston Program

**Note-12:** The students who have successfully completed their bachelors of Economics at MRIIRS may be eligible to do their masters from University of Winnipeg, Canada as per the following:

To enter the first year of the program, students must have achieved a minimum CGPA (Cumulative Grade Point Average) of 3.0 out of a possible 4.0, equivalent to "B" on a letter grade scale in the Economics (Honours) program at MRIIRS.

c. To progress to the second year of the program, students must achieve a minimum B-average and a minimum grade of C in their courses for the qualifying years.

**Note:** The eligibility criteria for the candidates qualified from IB Board or Cambridge International Examinations (IGCSE) shall be considered as specified below:

- **For IB Board:** Student should have secured a minimum of 24 points/ credits with minimum of three subjects passed at Higher Level (HL) and three at Standard Level (SL).
- **For Cambridge International Examinations (IGCSE):** Minimum % shall be same as that for CBSE candidates. Candidate must be passed in minimum 5 subjects at 'O' level and minimum 2 subjects at 'A' level. These are mandatory to obtain equivalence certificate from AIU.

FACULTY OF DENTAL SCIENCES (FDS), MANAV RACHNA DENTAL COLLEGE (MRDC)						
Name of the Program	Duration	Intake	FEES (Per annum) for Indian Nationals in Rupees	FEES (Per annum) in US \$ For PIO/NRI Students	Minimum Eligibility Criteria	Criteria For Selection
Bachelor of Dental Surgery (BDS)	4 Year plus one year rotating internship in MRDC	100 (All India Quota: 85; NRI: 15)	First year 476500 (including security amount of Rs. 50000 to be adjusted against fee for final year. Detailed fee structure for 4 year prog. is given at page no. 147	US \$ 11000	He / She will attain the age of 17 years or more on 31-12- 2022. The age shall be determined as per entry in the Matriculation/ Higher Secondary or its Equivalent Certificate. Must have passed Senior School Certificate Examination (10+ 2) of Board of School Education Haryana or an examination recognized as equivalent thereto with at least 50% marks in Physics, Chemistry and Biology taken together and must have passed in the subjects of Physics, Chemistry, Biology and English individually in qualifying examination. (i) He / She should be NEET 2022 qualified. In case of candidates belonging to scheduled castes/ Scheduled tribes/ Other Backward Classes the marks obtained be read as 40% instead of 50%.	As per the directions of the Government of India, the Dental Council of India, Admission shall be made on the basis of merit of the NEET 2022. For complete details please visit <a href="http://www.mcc.nic.in">www.mcc.nic.in</a> (UG Counselling & Deemed University section)

FACULTY OF DENTAL SCIENCES (FDS), MANAV RACHNA DENTAL COLLEGE (MRDC)						
Name of the Program	Duration	Intake	FEES (Per annum) for Indian Nationals in Rupees	FEES (Per annum) in US \$ For PIO/NRI Students	Minimum Eligibility Criteria	Criteria For Selection
Master of Dental Surgery (MDS) - Prosthodontics and crown & Bridge	3 Year	5	First year 10,00,000 (including security amount of Rs. 50000 to be adjusted against fee for final year. Detailed fee structure for 3 year prog. is given at page no. 147	25000\$	- Candidate should have passed BDS examination and completed satisfactorily one year compulsory rotating internship by 31.03.2022 from colleges recognized by Dental Council of India. - He/ She should be NEET 2022 qualified. - He/She should have been registered permanently with the State Dental Council/ DCI at the time of admission, & Possess a certificate of good conduct from the Head of Institution last attended.	As per the directions of the Government of India, the Dental Council of India, Admission shall be made on the basis of merit of the NEET 2022. For complete details please visit <a href="http://www.mcc.nic.in">www.mcc.nic.in</a> (PG Counselling & Deemed University section)
Master of Dental Surgery (MDS) - Orthodontics & Dentofacial Orthopedics		5		25000\$		
Master of Dental Surgery (MDS) - Conservative Dentistry & Endodontic		5		25000\$		
Master of Dental Surgery (MDS) - Pediatric and Preventive Dentistry		3		25000\$		
Master of Dental Surgery (MDS) - Periodontology		3		25000\$		
Certificate Course in Oral Implantology ITI affiliated	2 modules 2 days Over 3 months	15	75,000		Candidate should be registered dentist with any of the State Dental Council.	- ITI membership for participants - Each participants will place 2 implants with prosthetic rehabilitation during the programme
Certificate Course in Laser Dentistry certified by WCLI & MRCDE	2 modules 3 days Over 3 months	15	60,000		Candidate should be registered dentist with any of the State Dental Council.	The 2 modules will cover laser dentistry from basics to advance and include patient demonstration Didactic will be handled by WCLI certified faculty University based laser course Candidate to present 5 documented cases for WCLI certification.
Certificate Programme on Dental Aligners	6 modules (1st 3 modules for 2 days each & next 3 modules for 1 day each ) 12 months	03	3 lakhs total fees		Candidate should have passed MDS examination from colleges recognized by Dental Council of India.	3 clinical cases with aligners under expert guidance 32watt aligners company collaboration Elaborative lecture and clinical demo or 1-1 mentorship.

**NOTE:**

1. Candidates belonging to SC/ ST category shall be eligible for relaxation of 5% in the eligibility criteria for Admission to all UG, PG and Ph.D. programmes.
2. Candidates belonging to OBC category shall be eligible for relaxation of 3% in the eligibility criteria for Admission to all UG & PG programmes.
3. Candidates belonging to category of Single Girl Child, Sports, Wards of Defense Personnel and Paramilitary forces shall be considered for relaxation up to 5% in the eligibility criteria for Admission to all UG & PG programmes on case to case basis.

## MANAV RACHNA INTERNATIONAL INSTITUTE OF RESEARCH AND STUDIES - FEE STRUCTURE FOR AY 2022-23

Faculty	Programme	1st Installment						2nd Installment			Total Fee for AY 2022-23
		Tuition Fee	Development Fee	University Fee*	Student Resource Fee	Training Partner Fee	Total of 1st Installment	Tuition Fee	Development Fee	Total of 2nd Installment	
FET	B.Tech. [Civil, ECE, BT, EEE, ME]	47500	15000	12000	24500	0	99000	47500	15000	62500	161500
	B.Tech. [Civil, EEE, ME] with Hons. & Specializations	50000	18000	12000	24500	0	104500	50000	17000	67000	171500
	B.Tech. - CSE	60000	18000	12000	24500	0	114500	60000	17000	77000	191500
	B.Tech. - Computer Science and Engineering with various specializations in association with Microsoft	70000	18000	12000	24500	32500	157000	70000	17000	87000	244000
	B.Tech. - ECE (with specialization in Artificial Intelligence and Internet of Things (IOT) in association with Intel Corporation)	50000	15000	12000	24500	30000	131500	50000	15000	65000	196500
	B.Tech. - CSE (Lateral Entry)	60000	18000	12000	24500	0	114500	60000	17000	77000	191500
	B.Tech. - Lateral (Civil, BT, ECE, EEE, ME, ME (with sepecialization in Mechatronics))	55000	18000	12000	24500	0	109500	55000	17000	72000	181500
	B.Tech. - Lateral Entry- ECE (with specialization in Artificial Intelligence and Internet of Things (IOT) in association with Intel Corporation)	60000	18000	12000	24500	30000	144500	60000	17000	77000	221500
	B.Tech. - Computer Science and Engg. (Lateral Entry) with various specializations in association with IBM & Microsoft	70000	18000	12000	24500	32500	157000	70000	17000	87000	244000
	M.Tech. - 2 years	30000	10000	12000	14000	0	66000	30000	10000	40000	106000
M.Tech. - 3 years	25000	6000	8000	10000		49000	25000	6000	31000	80000	
M.Sc. - Biotechnology	30000	10000	12000	14000	0	66000	30000	10000	40000	106000	
B.Sc. (Hons.) - Microbiology	37500	13000	12000	14000	0	76500	37500	12000	49500	126000	
M.Sc. - Microbiology	32500	13000	12000	14000	0	71500	32500	12000	44500	116000	
FCA	BCA	37500	18000	12000	19000	0	86500	37500	17000	54500	141000
	Bachelor of Computer Applications (BCA) with various specializations	35000	18000	12000	19000	28500	112500	35000	17000	52000	164500
	Bachelor of Science - Information Technology	35000	18000	12000	19000	0	84000	35000	17000	52000	136000
	Bachelor of Science - Information Technology in association with AIZ, New Zealand	30000	13000	12000	17500	25000+ NZ\$900	97500+ NZ\$900	30000	12000	42000	139500 NZ\$900
	MCA	40000	18000	12000	19000	0	89000	40000	17000	57000	146000
FAD	B.Design	60000	18000	12000	24500	0	114500	60000	17000	77000	191500
	B.Sc. - Interior Design	45000	18000	12000	24500	0	99500	45000	17000	62000	161500
	M.Sc. - Interior Design	45000	18000	12000	24500	0	99500	45000	17000	62000	161500
FAHS	BPT	50000	18000	12000	14000	0	94000	50000	17000	67000	161000
	MPT	55000	18000	12000	14000	0	99000	55000	17000	72000	171000
	B.Sc. - N&D	40000	18000	12000	14000	0	84000	40000	17000	57000	141000
	M.Sc. - N&D	40000	18000	12000	14000	0	84000	40000	17000	57000	141000
	B.Sc. (Hons.) - Food Science and Technology	40000	18000	12000	14000	0	84000	40000	17000	57000	141000
FMeH	B.A - Media & Communication	40000	18000	12000	14000	0	84000	40000	17000	57000	141000
	B.A - Media & Communication with Hons. & specializations	45000	18000	12000	14000	0	89000	45000	17000	62000	151000
	B.A. Media & Communication (International) in association with Western Sydney University, Australia	55000	15000	12000	14000	35000	131000	55000	15000	70000	201000
	M.A - Media & Communication	40000	18000	12000	14000	0	84000	40000	17000	57000	141000
	B.A- (Hons.) - English	32500	13000	12000	14000	0	71500	32500	12000	44500	116000
	M.A - English	32500	13000	12000	14000	0	71500	32500	12000	44500	116000

## MANAV RACHNA INTERNATIONAL INSTITUTE OF RESEARCH AND STUDIES - FEE STRUCTURE FOR AY 2022-23

Faculty	Programme	1st Installment						2nd Installment			Total Fee for AY 2022-23
		Tuition Fee	Development Fee	University Fee*	Student Resource Fee	Training Partner Fee	Total of 1st Installment	Tuition Fee	Development Fee	Total of 2nd Installment	
FoC	B.Com - Hons.	37500	18000	12000	14000	0	81500	37500	17000	54500	136000
	B.Com - (Hons.) with Association of Chartered Certified Accountants (ACCA)	37500	18000	12000	14000	28500	110000	37500	17000	54500	164500
	M.Com	37500	18000	12000	14000	0	81500	37500	17000	54500	136000
FMS	MBA	95000	18000	12000	37500	24000	186500	95000	17000	112000	298500
	BBA	55000	16500	12000	14000	0	97500	55000	12000	67000	164500
	BBA - Banking and Financial Markets (in association Bombay Stock Exchange)	50000	16500	12000	14000	16500	109000	50000	12000	62000	171000
	Bachelor of Business Administration (BBA) - Digital Marketing in association with Talent Edge	50000	16500	12000	14000	16500	109000	50000	12000	62000	171000
	Bachelor of Business Administration (BBA) - Retail and Sales Management in association with Retailers Association's Skill Council of India (RASCI) + Spencers under Degree Apprenticeship Programme	37500	18000	12000	14000	0	81500	37500	17000	54500	136000
	BBA - Global - IB (in association with AIS, New Zealand)	37500	13000	12000	14000	25000+ NZ\$800	101500+ NZ\$800	37500	12000	49500	151000 NZ\$800
	BBA - Global - IB (in association with AIS, New Zealand)	37500	13000	12000	14000	25000+ NZ\$800	101500+ NZ\$800	37500	12000	49500	151000 NZ\$800
FHM	B.Sc. - Hospitality and Hotel Administration	45000	13000	12000	14000	0	84000	45000	12000	57000	141000
	BSc. - Culinary Arts	55000	25000	12000	125000	40000	257000	55000	25000	120000	377000
FBSS	B.A (Hons.) - Applied Psychology	37500	13000	12000	14000	0	76500	37500	12000	49500	126000
	B.A (Hons.) - Economics	37500	13000	12000	14000	0	76500	37500	12000	49500	126000
	B.A - Liberal Arts	37500	13000	12000	14000	0	76500	37500	12000	49500	126000
	B.A. (Hons.) - Political Science	37500	13000	12000	14000	0	76500	37500	12000	49500	126000
	M.A - Economics	32500	13000	12000	14000	0	71500	32500	12000	44500	116000
	M.A - Applied Psychology	32500	13000	12000	14000	0	71500	32500	12000	44500	116000
	M.A - Public Policy and Public Administration	32500	13000	12000	14000	0	71500	32500	12000	44500	116000

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

### BDS FEE STRUCTURE - 2022-23 (BATCH)

Academic Year	Tuition Fee	Development Fee	University Fee	Student Resource Fee	College Security (Adjustable with Last Year Fee)	College Security Refund	Total
2022-23 1st YEAR	270000	84000	30000	42500	50000		476500
2023-24* 2nd YEAR	283500	88200	25000	34500	0		431200
2024-25* 3rd YEAR	297675	92610	25000	34500	0		449785
2025-26* 4th YEAR	312559	97241	25000	34500	0	50000	419300

### MDS- FEE STRUCTURE 2022-23

#### (for specialization in Conservative, Orthodontics and Prosthodontics)

Academic Year	Tuition Fee	Development Fee	University Fee	Student Resource Fee	College Security (Adjustable with Last Year Fee)	College Security Refund	Total
1st YEAR 2022	650000	150000	30000	120000	50000		1000000
2nd YEAR 2023	650000	150000	30000	120000			950000
3rd YEAR 2024	650000	150000	30000	120000		50000	900000

### MDS- FEE STRUCTURE 2022-23

#### (for specialization in Pediatric & Periodontology)

Academic Year	Tuition Fee	Development Fee	University Fee	Student Resource Fee	College Security (Adjustable with Last Year Fee)	College Security Refund	Total
1st YEAR 2022	500000	120000	30000	100000	50000		800000
2nd YEAR 2023	500000	120000	30000	100000			750000
3rd YEAR 2024	500000	120000	30000	100000		50000	700000

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## PROGRAMMES OFFERED AT MRU

Table indicating programmes, intake, fee, eligibility and merit criteria

SCHOOL OF ENGINEERING								
S. No.	Name of the Program	Duration	Intake	FEES (Per annum) for Indian Nationals in Rupees	FEES (Per annum) in US \$ For PIO/ NRI Students		Minimum Eligibility Criteria	Criteria For Selection
					SAARC (Fees- INR/Year)	NON SAARC (Fees-USD/ Year)		
<b>Bachelor of Technology</b>								
1.	*B.Tech. CSE	4 Years	120	1,91,500	2,40,000	4,900	Pass in 10+2 examination with at least 55% marks in aggregate in 5 subjects and eligibility shall be determined on the basis of percentage of aggregate marks in i. English, Physics & Mathematics and ii. One subject out of the given list* as per Note- 1 and iii. One subject with the highest score out of the remaining subjects.	Merit preparation/ short listing of candidates shall be on the basis of score in JEE Mains 2022/SAT/ Pearson/ MRNAT 2022/ XII Qualifying Examination
	B.Tech. in Computer Science & Engg. with specialization in Artificial Intelligence & Machine Learning in association with Xebia		120	2,44,000	2,40,000	4,900	Pass in 10+2 examination with at least 60% marks in aggregate in 5 subjects and eligibility shall be determined on the basis of percentage of aggregate marks in i English, Physics & Mathematics and ii. One subject out of given list as per Note- 1 and iii. One subject with the highest score out of the remaining subjects.	
	B.Tech. in Computer Science & Engg. with specialization in Cloud, DevOPs and Fullstack Development in association with Xebia							
	B.Tech. in Computer Science & Engg. with specialization in Cyber Security & Threat Intelligence							
2.	*B.Tech. Electronics & Communication Engg.	4 Years	30	1,61,500	2,40,000	4,900	Pass in 10+2 examination with at least 45% marks in aggregate in 5 subjects and eligibility shall be determined on the basis of percentage of aggregate marks in i English, Physics & Mathematics and ii. One subject out of given list as per Note- 1 and iii. One subject with the highest score out of the remaining subjects.	
	B.Tech. Electronics & Communication Engg. with specialisation in VLSI Design & Verification in association with Truechip			1,95,500	2,40,000	4,900		
3.	*B.Tech. Mechanical Engg.	4 Years	30	1,61,500	2,40,000	4,900	Pass in 10+2 examination with at least 45% marks in aggregate in 5 subjects and eligibility shall be determined on the basis of percentage of aggregate marks in i. Chemistry, Physics, Mathematics & English and ii. One subject with the highest score out of the remaining subjects.	
	B.Tech. in Mechanical Engg. with specialization in Smart Manufacturing & Automation			171500	2,40,000	4,900		
4.	B.Tech in Robotics and Artificial Intelligence	4 Years	30	1,91,500	2,40,000	4,900	Pass in 10+2 examination with at least 45% marks in aggregate in 5 subjects and eligibility shall be determined on the basis of percentage of aggregate marks in i. Chemistry, Physics, Mathematics & English and ii. One subject with the highest score out of the remaining subjects.	
<b>Sub Total</b>			<b>330</b>					

**Note:** 1 Chemistry/ Computer Science/ Electronics/ Information Technology/ Biology/ Informatics Practices/ Biotechnology/ Technical Vocational subject/ Agriculture/ Engineering Graphics/ Business Studies/ Entrepreneurship

\*In case student earns additional 18-20 credits in the particular domain, he/she will get the Hons. Degree with specialization in the respective domain.

SCHOOL OF ENGINEERING								
S. No.	Name of the Program	Duration	Intake	FEES (Per annum) for Indian Nationals in Rupees	FEES (Per annum) in US \$ For PIO/ NRI Students		Minimum Eligibility Criteria	Criteria For Selection
					SAARC (Fees- INR/Year)	NON SAARC (Fees-USD/ Year)		
<b>Bachelor of Technology (Lateral Entry)</b>								
5.	B.Tech. CSE	3 Years	12*	1,91,500	2,40,000	4,900	50% marks in Diploma in Engineering in any branch/discipline of 3 year duration from State Board of Technical Education, Haryana or equivalent examination or B.Sc. Degree from a recognized University as defined by UGC with at least 50% marks and passed XII standard with Mathematics as a subject	Merit preparation/ short listing of candidates shall be on the basis of score in MRNAT 2022/ Pearson/ Diploma Qualifying Examination
	B.Tech. in Computer Science & Engg. with specialization in Artificial Intelligence & Machine Learning in association with Xebia		12*	2,44,000	2,40,000	4,900	65% marks in Diploma in Engineering in any branch/discipline of 3 year duration from State Board of Technical Education, Haryana or equivalent examination or B.Sc. Degree from a recognized University as defined by UGC with at least 50% marks and passed XII standard with Mathematics as a subject	
	B.Tech. in Computer Science & Engg. with specialization in Cloud, DevOPs and Automation in association with Xebia							
	B.Tech. in Computer Science & Engg. with specialization in Cyber Security & threat Intelligence in association with Quick Heal							
6.	B.Tech. Electronics & Communication Engineering		3*	1,81,500	2,40,000	4,900	45% marks in Diploma in Engineering in any branch/ discipline of 3 year duration from State Board of Technical Education, Haryana or equivalent examination or B.Sc. Degree from a recognized University as defined by UGC with at least 50% marks and passed XII standard with Mathematics as a subject	
	B.Tech. Electronics & Communication Engineering with specialisation in VLSI Design & Verification in association with Truechip			2,44,000	2,40,000	4,900		
7.	B.Tech. Mechanical Engg.		6*	1,81,500	2,40,000	4,900		
	B.Tech. in Mechanical Engg. with specialization in Smart Manufacturing & Automation			2,44,000	2,40,000	4,900		
<b>Sub Total</b>			<b>33*</b>					

\*In addition to above, admissions can be made against the seats remaining vacant, if any, in 1st year of Academic Year 2021-22

SCHOOL OF ENGINEERING								
S. No.	Name of the Program	Duration	Intake	FEES (Per annum) for Indian Nationals in Rupees	FEES (Per annum) in US \$ For PIO/ NRI Students		Minimum Eligibility Criteria	Criteria For Selection
					SAARC (Fees- INR/Year)	NON SAARC (Fees-USD/ Year)		
<b>Master of Technology</b>								
8.	M.Tech. Computer Engineering	2 Years	6	1,06,000	1,20,000	4,000	Minimum 50% marks or equivalent CGPA in B.E./ B.Tech. in Computer Science & Engg./ Computer Technology/ Information Technology/ MCA or equivalent	Merit preparation/ short listing of candidates shall be on the basis of score in GATE/ Graduation Qualifying Examination
9.	M.Tech. Electronics & Communication Engineering with specialization in Embedded System & VLSI		6	1,06,000	1,20,000	4,000	Minimum 50% marks or equivalent CGPA in B.E./ B.Tech. in Electronics & Communication Engg./ Telecommunication Engg./Computer Science & Engg./Instrumentation & Control Engg./Electrical & Electronics Engg./ Electrical Engg./Power Electronics or/ MCA or M.Sc. Computer Science/Information Technology/ Electronics/ Physics/Mathematics as one of the subjects.	
10.	M.Tech. Mechanical Engineering		6	1,06,000	1,20,000	4,000	Minimum 50% marks or equivalent CGPA in B.E./ B.Tech. in any discipline.	
<b>Sub Total</b>			<b>18</b>					

Note: Teaching Assistantship of Rs. 10000/- per month for 12 teaching months during 2 years duration of the M.Tech. program is available to eligible candidates. Candidate has option to avail either Scholarship based on Merit or apply for Teaching assistantship as per university policy

SCHOOL OF MANAGEMENT & COMMERCE								
S. No.	Name of the Program	Duration	Intake	FEES (Per annum) for Indian Nationals in Rupees	FEES (Per annum) in US \$ For PIO/ NRI Students		Minimum Eligibility Criteria	Criteria For Selection
					SAARC (Fees-INR/Year)	NON SAARC (Fees-USD/Year)		
<b>Bachelor of Business Administration</b>								
1.	BBA (Health Care Management) supported by leading hospitals of Delhi & NCR	3 Years	30	1,64,500	1,80,000	3,500	Pass in 10+2 examination with at least 50% marks in aggregate in 5 subjects. Should have qualified English as a subject.	Merit preparation/ short listing of candidates shall be on the basis of score in SAT/ MRNAT/ Pearson/10+2 Qualifying Examination.
2.	BBA (Finance & Accounts)		60	1,64,500	1,40,000	3,500		
3.	BBA (Entrepreneurship & Family Business)		30	1,64,500	1,40,000	3,500		
4.	BBA (Global Operations Management with specialization in Supply Chain Management, Logistics & Projects Management)		30	1,64,500	1,40,000	3,500		
5.	BBA (Business Analytics)		30	1,76,500	1,40,000	3,500		
6.	MBA - Business Analytics in association with ISDC (International Skill Development Corporation, UK Based Organization)* *Subject to the approval of AICTE	2 Years	30	298500	2,60,000	4,900	Graduation in any discipline/Post Graduation or have passed the final examination conducted by the Institute of Chartered Accountants of India/ Institute of Cost & Works Accountants of India/ Institute of Company Secretaries of India/ any other course which is Government recognized course with minimum 50% marks.	MRNAT/ CAT/ MAT/ XAT or any other equivalent test
<b>Sub Total</b>			<b>210</b>					

In case candidate has opted for an additional subject in class 12th, aggregate shall be calculated counting the best 5 subjects including English as one of the subject

SCHOOL OF APPLIED SCIENCE								
S. No.	Name of the Program	Duration	Intake	FEES (Per annum) for Indian Nationals in Rupees	FEES (Per annum) in US \$ For PIO/ NRI Students		Minimum Eligibility Criteria	Criteria For Selection
					SAARC (Fees-INR/Year)	NON SAARC (Fees-USD/Year)		
1.	B.Sc. (Hons.) Chemistry	3 Years	25	86,000	1,10,000	3,300	Pass in 10+2 Examination/ Equivalent Examination with at least 50% marks in aggregate in 5 subjects out of which 3 subjects English, Physics & Chemistry are mandatory.	Merit preparation/ short listing of candidates shall be on the basis of score in SAT/ MRNAT/ Pearson/ 10+2 Qualifying Examination.
2.	B.Sc. (Hons.) Mathematics		25	86,000	1,10,000	3,300		
3.	B.Sc. (Hons.) Physics		25	86,000	1,10,000	3,300		
4.	M.Sc. Chemistry	2 Years	10	86,000	1,10,000	3,300	Pass in B.Sc. or B.Sc. (Hons.) with 50% or more marks in relevant subjects.	Merit preparation/short listing of candidates shall be on the basis of score in MRNAT/ Graduation Qualifying Examination.
5.	M.Sc. Mathematics		10	86,000	1,10,000	3,300		
6.	M.Sc. Physics		10	86,000	1,10,000	3,300		
<b>Sub Total</b>			<b>105</b>					

SCHOOL OF EDUCATION & HUMANITIES								
S. No.	Name of the Program	Duration	Intake	FEES (Per annum) for Indian Nationals in Rupees	FEES (Per annum) in US \$ For PIO/ NRI Students		Minimum Eligibility Criteria	Criteria For Selection
					SAARC (Fees-INR/Year)	NON SAARC (Fees-USD/Year)		
1.	B.Ed.	2 Years	50	1,16,000	1,30,000	3,300	Pass with 50% or more marks in 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 preparation/ short listing of candidates shall be on the basis of score in MRNAT 2022/Pearson/ Graduation Qualifying Examination.
2.	B.Ed. Special Education (Learning Disability)		10	1,16,000	1,40,000	3,500		
3.	B.A. B.Ed. Integrated	4 Years	50	1,16,000	1,30,000	3,300	Pass in 10+2 with 50% or more marks in aggregate with English as a subject.	Merit preparation/ short listing of candidates shall be on the basis of score in MRNAT/ Pearson/ Graduation Qualifying Examination.
4.	B.Sc. B.Ed. Integrated				1,16,000	1,30,000		
<b>Sub Total</b>			<b>110</b>					

In case candidate has opted for an additional subject in class 12th, aggregate shall be calculated counting the best 5 subjects including English as one of the subject



SCHOOL OF LAW								
S. No.	Name of the Program	Duration	Intake	FEES (Per annum) for Indian Nationals in Rupees	FEES (Per annum) in US \$ For PIO/ NRI Students		Minimum Eligibility Criteria	Criteria For Selection
					SAARC (Fees-INR/Year)	NON SAARC (Fees-USD/Year)		
1.	B.A. LLB (Hons.)	5 Years	60	1,83,000	1,80,000	4,000	Pass in 10+2 Examination with 50% or more marks in aggregate in 5 subjects. Should have qualified English as a subject.	Merit preparation/ short listing of candidates shall be on the basis of score in SAT/ CLAT/ MRNAT 2022/ Pearson/ 10+2 Qualifying Examination.
2.	BBA LLB (Hons.)		60	1,83,000	1,80,000	4,000		
3.	LLB*	3 Years	60	1,64,500	1,20,000	3,900	Pass with 50% or more marks in aggregate in the Bachelor's degree in the qualifying 3 or 4 year bachelor degree examinations.	Merit preparation/ short listing of candidates shall be on the basis of score in SAT/MRNAT 2022/ Pearson/ Graduation Qualifying Examination.
4.	LLM	1 Year	30	1,64,500	2,00,000	5,000	Pass in LLB or 5 Year Integrated Law course with 50% or more marks in aggregate. Preference shall be given to the law graduates with experience of 3 years or more	Merit preparation/ short listing of candidates shall be on the basis of score in MRNAT/ Pearson/ Graduation Qualifying Examination.
5.	LLM (Part Time)	2 Years	10	1,26,000	1,30,000	4,000		
Sub Total			220					

**Note:** \*LLB 3 year will be offered subject to BCI approval  
**Note:** LLM 1 year degree to be offered in the duration of two years in part time mode (preferably weekends)

In case candidate has opted for an additional subject in class 12th, aggregate shall be calculated counting the best 5 subjects including English as one of the subject

**For IB Board:** Student should have secured a minimum of 24 points/credits with minimum of three subjects passed at Higher Level (HL) and three at standard level (SL).

For Cambridge International Examinations (IGCSE): Minimum % shall be same as that for CBSE candidates. Candidate must be passed in minimum 5 subjects of 'O' Level and minimum 2 subjects of 'A' Level. These are mandatory to obtain equivalence certificate from AIU.

**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.

## MANAV RACHNA UNIVERSITY - FEE SCHEDULE 2022-23

School	Programme	1st Installment						2nd Installment			Total Fee AY 2022-23
		Tuition Fee	Development Fee	University Fee*	Student Resource Fee	Training Partner Fee	Total of 1st Installment	Tuition Fee	Development Fee	Total of 2nd Installment	
SoE	B.Tech. Computer science & Engg.	60000	18000	12000	24500		114500	60000	22000	77000	191500
	B.Tech. in Computer Science with specialization in (Artificial Intelligence & Machine Learning, Cloud Computing, DevOPs & Automation, Cyber security & Threat Intelligence)	71000	18000	12000	24500	30500	156000	71000	17000	88000	244000
	B.Tech. in Mechanical Engg.	50000	16000	12500	17000		95500	50000	16000	66000	161500
	B.Tech. in Mechanical Engg. with specialization in Smart Manufacturing & Automation	50000	16000	12500	17000	10000	105500	50000	16000	66000	171500
	B.Tech. Robotics & Artificial Intelligence#	60000	18000	12000	24500		114500	60000	22000	77000	191500
	B.Tech. in Electronics & Communication Engineering	50000	16000	12500	17000		95500	50000	16000	66000	161500
	B.Tech. in Electronics & Communication Engineering with specialization in VLSI Design & Verification	50000	16000	12500	17000	34000	129500	50000	16000	66000	195500
	B.Tech.- Lateral (CSE)	60000	18000	12000	24500		114500	60000	22000	77000	191500
	B.Tech.- Lateral (ME, Electronics & Communication)	55000	18000	12000	24500		109500	55000	17000	72000	181500
	B.Tech.- Lateral (AIML, Cloud DevOPS Automation, Cybersecurity & Threat Intelligence, Smart Manufacturing & Automation, VLSI Design & Verification)	71000	18000	12000	24500	30500	156000	71000	17000	88000	244000
M.Tech. (All)	27500	13000	12000	14000		66500	27500	12000	39500	106000	
So M & C	BBA (Health Care Management, Finance & Accounts, Entrepreneurship & Family Business, Global Operations Management)	55000	16500	12000	14000		97500	55000	12000	67000	164500
	BBA (Business Analytics)	55000	16500	12000	14000	12000	109500	55000	12000	67000	176500
	MBA#	95000	18000	12000	37500	24000	186500	95000	17000	112000	298500
SoASc.	B.Sc. (Hons.)- Physics, Chemistry, Mathematics	23000	10000	9000	12000		54000	23000	9000	32000	86000
	M.Sc.- Physics, Chemistry, Mathematics	23000	10000	9000	12000		54000	23000	9000	32000	86000
So E & H	B.Ed./ B.Ed. Special Education	32500	13000	12000	14000		71500	32500	12000	44500	116000
	B.A./ B.Sc. B.Ed. Integrated	32500	13000	12000	14000		71500	32500	12000	44500	116000
SoL	B.A. LLB/ BBA LLB	56000	18000	12000	24000		110000	56000	17000	73000	183000
	LLB*	55000	16500	12000	14000		97500	55000	12000	67000	164500
	LLM (One Year)	55000	16500	12000	14000		97500	55000	12000	67000	164500
	LLM Part Time (Two Year)	37500	13000	12000	14000		76500	37500	12000	49500	126000

\*Subject to BCI Approval #Subject to Approval of AICTE

## MRIIRS ADMISSIONS CALENDAR AY 2022-23

DESCRIPTION	NAME OF THE PROGRAMME				
	MBA	B.Tech. Programme	All UG Programmes Except B.Tech., B.Tech.- Lateral Entry	B.Tech.- Lateral Entry & all PG Programmes other than MBA	BDS/MDS
Sale of Application forms & filling on-line application form	01-12-2021				
Short listing/ Selection of Candidates and Offer of Admission	27.01.2022 onwards	(A) For applicants seeking admission through MRNAT 2022, the selected candidates shall be sent offer of Admission within 3-days of conduct of their MRNAT  (B) For applicants with JEE Main 2022 Score, the selected candidates shall be sent offer of Admission, 15.03.2022 onwards  (C) For applicants with SAT score, the selected candidates shall be sent offer of Admission, 15.02.2022 onwards	(A) For applicants seeking admission through MRNAT 2022, the selected candidates shall be sent offer of Admission within 3-days of conduct of their MRNAT  (C) For applicants with SAT score, the selected candidates shall be sent offer of Admission, 15.02.2022 onwards		As notified by MCC
Counselling and Admission Process	01.02.2022 onwards (As per slot communicated by University Authority)				
Classes Commence	18.07.2022 (Monday)				

## MRU ADMISSIONS CALENDAR 2022-23

DESCRIPTION	NAME OF THE PROGRAMME		
	B.Tech. Programme	All UG Programmes Except B.Tech. & B.Tech.- Lateral Entry	B.Tech.-lateral Entry and all PG Programmes
Sale of Application Forms & filling of on-line Application Form	01-12-2021		
Short listing/ Selection of Candidates and Offer of Admission	A) For applicants seeking admission through MRNAT 2022, the selected candidates shall be sent offer of admission within 3 days of conduct of their MRNAT.  B) For applicants with JEE Main 2022 score, the selected candidates shall be sent offer of admission 15.03.2022 onwards.  C) For applicants with SAT score, the selected candidates shall be sent offer of admission 15.02.2022 onwards.	(A) For applicants seeking admission through MRNAT 2022, the selected candidates shall be sent offer of admission within 3 days of conduct of their MRNAT.  (B) For applicants with SAT score, the selected candidates shall be sent offer of admission 15.02.2022 onwards.  (C) For applicants seeking admission in LAW courses, the candidates can send across their scores for various Law Entrance Tests like CLAT and the selected candidates shall be sent offer of admission within 3 days of submission of their score.	
Counselling and Admission Process	01.02.2022 onwards (As per slot communicated by University Authority)		
Class Commences	18.07.2022 (Monday)		

# FROM HERE TO INFINITY

DISCOVER THE PLACE WHERE YOUR PASSIONS AND POSITIVE IMPACT COLLIDE. HERE, IN THE MIDST OF THOUGHT-PROVOKING PROFESSORS, INSPIRING PEERS, WORKPLACE MENTORS, AND STARTUP ADVISORS, YOU'LL FIND YOUR NICHE- AND YOUR UNIVERSE. THEY'LL SUPPORT YOUR SUCCESS, CHALLENGE YOU TO DIVE DEEPER, AND EVEN SHARE IN YOUR EXCITEMENT ABOUT THE THINGS THAT LIGHT YOU UP. BE UNSTOPPABLE.



# दीक्षांत समारोह

At a grand convocation ceremony of Manav Rachna University (MRU), Manav Rachna Dental College (MRDC) and Manav Rachna International Institute of Research & Studies (MRIIRS) more than 2000 students were awarded doctoral, post-graduate and graduate degrees. 88 students were bestowed with medals and certificates in recognition of their exceptional achievements in academics, research, sports, creative arts, community involvement and professional development.

Shri Bandaru Dattatreya Jee, Honourable Governor, State of Haryana, was the Chief Guest on the occasion.

Honoris Causa degrees were bestowed upon 6 stalwarts including Shri Atul Kothari Jee, Rashtriya Sachiv, Shiksha Sanskriti Uthan Nyas; Padma Shri Prof. (Dr.) Mahesh Verma, Vice-Chancellor, Guru Gobind Singh Indraprastha University; Shri Ranjan Kumar Mohapatra, Director (HR), Indian Oil Corporation; Shri Ronjan Sodhi, PPS.DSP; Shri Vijay Kumar Dev, IAS, Chief Secretary, NCT Delhi; Shri Vikram Tandon, Group Chief Human Resource Officer, Adani Group, who were also the guest of Honour on the occasion.

Congratulating graduands on the Convocation Ceremony Padma Vibhushan Dr. Krishnaswamy Kasturirangan said, "The diversity of courses offered at Manav Rachna represents the diversity and multi-disciplinarily that forms a rich backdrop for students to take a full advantage of several aspects of the recommendations which are now a part of NEP 2020. NEP considers needs and aspirants of everyone to form a just and equitable society." He emphasized the promotion of Indian art and cultures both at personal and national level, and asked everyone to contribute in the service of others".

Mr. Arunabh Borah, MBA, Faculty of Management Studies was honoured with Dr. Pritam Singh Gold Medal in recognition of his strong character, competence, values, awareness, and knowledge.





Ms. Sonakshi Khosla, B.Tech, MRIIRS & Ms. Chavvi Baliyan, B.Sc. (H), Mathematics, MRU were bestowed with the Chief Patron Medal for their attributes of engaged leadership. Mr. Abhishek Sontakke, B.Tech, MRU and Mr. Hardik Grover, B.Tech, MRIIRS were bestowed with the President's medal for their achievements at the National and International Level.

The outstanding achiever's award in sports was presented to Mr. Angad Bajwa who had bagged Gold in Men's Skeet event at the 2019 Asian Shooting Championship; he also represented India in Tokyo Olympics.

Dr. Prashant Bhalla, President, Manav Rachna Educational Institutions urged the students to be honest while maintaining the virtues of patience and passion. "As the young, educated, smart, and knowledgeable fraction of the society, you should remember that if not today, tomorrow success would be yours. So the question is not about achieving success but about values, because only that will give you satisfaction when you look back at your life", he said.



# NEWS & EVENTS

## Manav Rachna welcomed 2022 with Maha Mrityunjaya Yajna to pray for world peace

A week-long Maha Mrityunjaya Yajna which is an integral part of Manav Rachna's legacy and tradition was held at the Manav Rachna campus amid strict Covid protocols. The Maha Mrityunjaya Yajna organized every year from December 26 to January 1-is an augury of peace and positivity among one and all. It is noteworthy that the Manav Rachna family has been performing the Maha Mrityunjaya Yajna every year for more than two decades, as envisioned by Founder Visionary Dr. O P Bhalla to pray for world peace. Ushering in positivity and hope, the yajna seeks divine blessings for all in these tough Covid times.

Congratulating Manav Rachna on its silver jubilee and acknowledging the Institution's contribution in bringing Faridabad on the education landscape, Smt. Seema Trikha said: "Manav Rachna has immensely contributed in giving Faridabad the recognition in the field of Education, Sports and Community Service. This institution has helped the country during Corona times by offering its campus space as isolation centre." She also urged everyone to be completely vaccinated and announced that vaccination is going to start for 12 years of children in the coming weeks." 77 members of the Manav Rachna family were awarded in recognition of 10 years of committed service.

## Manav Rachna Educational Institutions bestowed with the highest recognition in sports development!

The most prestigious Rashtriya Khel Protsahan Puraskar 2021 was conferred upon Manav Rachna for Identification and Nurturing of Budding and Young Talent by the honourable President of India. The honour was received by Dr. Prashant Bhalla, President, Manav Rachna Educational Institutions (MREI); and Dr. Amit Bhalla, Vice President, MREI. Our Chief Patron Smt. Satya Bhalla; Sports Mentor Mr. Ronjan Sodhi and Dr. Sanjay Srivastava, MD, MREI were witness to the grand ceremony at the Darbar Hall of the Rashtrapati Bhawan.

In addition, the Director of Sports, Manav Rachna Educational Institutions- Mr. Sarkar Talwar has been bestowed the much-coveted Dronacharya Award (lifetime category) for outstanding coaches in sports and games, 2021.





## National Environment Youth Parliament 2022 organized at Manav Rachna on the occasion of National Youth Day 2022

On the occasion of Swami Vivekananda Ji's Birth Anniversary- National Youth Day 2022, Paryavaran Sanrakshan Gatividhi in collaboration with Universities across India organized National Environment Youth Parliament (NEYP) 2022. This year, Manav Rachna International Institute of Research and Studies was nominated as the National Host University. The finale of NEYP was conducted at the University in Online Mode.

This intervention paved a way for about 40 students from Manav Rachna to be a part of this finale. These students were selected after screenings rounds conducted at departmental level. As a part of the competition, students actively participated in a Group Discussion on the topic 'Air Pollution and its Mitigation'.

## Olympian Petar Gorsa signs MoU with Manav Rachna Educational Institutions

Manav Rachna Educational Institutions collaborated with World Renowned shooting Legend Mr. Petar Gorsa of Croatia. Mr. Petar Gorsa is a World Cup Gold medalist, a multiple Silver Medalist at the World Championship, 2 time European Champion along with many more international medals. He played an instrumental role in helping the Indian Shooting Team train in Croatia before the Tokyo Olympics.

Petar joined forces with Manav Rachna to take on the role of a shooting mentor and provide international standard training to budding shooters. He will also be seen in

the capacity of a mentor to coaches, where he will help coaches understand various aspects of the game. Time and again Manav rachna has brought international stars to India, to aid in better training of their athletes; this time is no different as the aim of this collaboration is to produce Olympic champions.

## Air Pistol and Air Rifle 10 meter competition by Manav Rachna Shooting Academy inaugurated at Chandro Tomar Shooting Range

An air pistol and air rifle 10 meter competition by the Manav Rachna Shooting Academy was inaugurated at the biggest Shooting Range 'Chandro Tomar Shooting Range' of Gautam Buddha Nagar. This was the first competition organized in the memory of Smt Lt Chandro Tomar Dadi ji. The range has been built by the UP government under the supervision of Noida Authorities and has been named after Smt. Lt. Chandro Tomar Dadi Ji, the first woman who ventured into the sport of shooting. The Range will be operated and managed by the Manav Rachna Shooting Academy.

The range has the facilities of 10 meter Air Rifle & Air Pistol Range, 60th manual and electronic targets; 25-meter, 22 Pistol manual & electronic targets; and 50-meter Rifle & Pistol manual and electronic targets.

Dr. Mahesh Sharma encouraged everyone to move ahead with a new vision to provide a distinction to India in the list of other countries when it comes to Shooting.

Appreciating the vision and efforts of our Hon'ble PM and Hon'ble CM of UP, he emphasized on giving a new identity to India in terms of Sports, especially Shooting.

With Chandro Tomar Shooting Range, Manav Rachna aims to give a new dimension to its vision taking Sports in India to the next level.

## Manav Rachna launches Manav Rachna Centre for Distance and Online Education

Manav Rachna Educational Institutions launched the new addition to its fleet- Manav Rachna Centre for Distance and Online Education during a Press Conference. Dr. Prashant Bhalla, President, MREI; Dr. Amit Bhalla, Vice President, MREI; Dr. Sanjay Srivastava, MD, MREI & VC, MRIIRS; Dr. Pardeep Kumar, PVC, MRIIRS; Mr. Pullock Bhattacharji, Vice President-Business Development, Skilling, Training & Placement, BSE Institute Ltd, and Dr. Shivakant Upadhayaya, Group Dean, TalenEdge joined the launch ceremony. Online degree programmes are recognised by UGC under Manav Rachna International Institute of Research and Studies. Manav Rachna philosophy of creating better human beings through the power of Education is entering into a new orbit where we will try to reach out to learners community wherever they are located in the country.

The centre provides a multidisciplinary approach for the students to shape their career inside and outside their domain of education and to meet the evolving needs of the society. The commitment of multidisciplinary education is to broaden the participation of students in higher education and leads to a more diverse community. In a multidisciplinary approach, students are inspired to select diverged courses from different disciplines to expand their knowledge, discover themselves through creative thinking and learn the skills of collaboration.

## Smt. Smriti Irani and 20+ Global Education Leaders join the 25 years celebrations at Manav Rachna

Established in 1997, Manav Rachna Educational Institutions (MREI) is celebrating its silver jubilee this year. To mark the glory of MREI and to commemorate the Silver Jubilee, a series of events have been planned in the form of numerous activities and a host of exciting and talent igniting competitions, spread over the year, based on contemporary themes - Peace & Sustainability Crusader, Cultural Enthusiast, Advocate for Innovation, Torchbearer of Health & Well Being and Harbinger of Education for All.

A Butterfly Garden was launched recently at the Manav Rachna campus by Smt. Smriti Zubin Irani, Minister of Women and Child Development. It is noteworthy that the lush green Manav Rachna campus is home to some rare species of flora and fauna. These include 10-11 species of butterflies (as per a survey by Bombay Natural History Society over the last 3 years). The rich biodiversity and environment of the campus has the potential to attract and sustain more species of butterflies. The presence of different butterfly species in the campus helps for natural monitoring of air quality in the campus. The MANAV RACHNA Butterfly Garden, a hotspot of biodiversity shall also contribute in further increasing the diversity of butterfly species inside the campus.

Smt. Smriti Irani also unveiled Manav Rachna's 25 years logo and the Silver Jubilee anthem (sung in the voice of students of Manav Rachna International Schools).

## Dr. Karan Singh delivers lecture on 'The Message of Bhagavad Gita' to kick start 25 years celebration

Manav Rachna Centre of Peace and Sustainability organized a webinar on "THE MESSAGE OF BHAGAVAD GITA". The eminent speaker was the illustrious Dr. Karan Singh, Padma Shree, the first governor and president of Jammu and Kashmir. Dr. Karan Singh conversed about how the Bhagavad Gita is derived from Upanishads, and the importance of being aware of our scriptures, the Vedas, Brahmans, Upanishads, and Puranas. His discourse included information on how among historic literatures, Bhagavad Gita holds a special position. The discussion helped everyone present to understand the nuances and aspects of Bhagavad Gita which were previously undiscovered, and achieved the objectives it was set up for.

## Unveiling of trophy for the 15th Manav Rachna Corporate Cricket Challenge 2022

Manav Rachna unveiled the trophy of its 15th edition of the Manav Rachna Corporate Cricket Challenge. The cup was set in motion by the late Founder Dr O P Bhalla and follows the belief that sports inculcate life-long skills, camaraderie and bonding among players.

This year, 28 leading corporates from Delhi-NCR will be competing for the cup. Participants include Aaj Tak (Delhi); Hero Motocorp (Gurugram); Maruti Suzuki (Gurugram); JCB (Faridabad); Escorts Construction (Faridabad); ACE (Faridabad); Honda Cars (Greater Noida); Sarvodaya Hospital (Faridabad); NHPC (Faridabad); Honda Motorcycles (Gurugram); National Highways Authority of India (Delhi); IIFL-Wealth (Delhi); Adidas (Gurugram); Metafab (Faridabad); Tata Consultancy Services; Press Club of India; Wave Infratech; Indian Oil(R&D), ; knorr-Bremse, Accenture, KPMG, Dabur India and Manav Rachna Educational Institutions (Faridabad) are participating in the Cup, this year. HDFC Bank (Delhi), Gates India, SEC-RJMT engineering PVT LTD., Accord Hospital and HCL (Noida), will be joining the competition for the first time.

## MRIIRS proudly partners with Coding Ninja and MRIIRS

To provide ample skilling opportunities to the students of computer science and engineering, an MoU was signed between the CSE Department of Faculty of Engineering and Technology, Manav Rachna International Institute of Research and Studies and Coding Ninjas.

Mr. Rishabh Mehta, Partnership and Alliance Head, Coding Ninjas expressed hope that the coding lab set up in the college would prove beneficial for the students. The aim is to impart quality training to the students so that they can get a good job through their skills.







## Manav Rachna hosted Grand Finale of the country's largest Cyber Security focused Hackathon

The Bureau of Police Research and Development, Ministry of Education's Innovation Cell (MIC) & AICTE are conducting a Hackathon "MANTHAN 2021" which is a unique national initiative to identify innovative concepts and technology solutions for addressing the security challenges of the 21st century faced by our intelligence agencies. Manav Rachna International Institute of Research and Studies (MRIIRS) was chosen as the Nodal Centre to host the grand finale of Manthan 2021 from December 8 - 10, 2021.

The inaugural session of the grand finale of Manthan 2021 was addressed by Prof. Anil D. Sahasrabudhe, Chairman, AICTE; Dr. Abhay Jere, CIO, MoE; Sh. Balaji Srivastava, DG, BPR&D; Dr. Mohit Gambhir, Innovation Director, MoE and Dr. Sanjay Srivastava, VC, MRIIRS.

115 selected teams from education institutions across the country and registered start-ups participated in the grand finale to offer strong, safe and effective technology solutions using their technical expertise and innovative skills.

## 20+ Global Education Leaders address the Education Leaders' Summit

Leading academicians and educationists deliberated upon 'Transformative Strength of Education for the World beyond Covid 19: Build Back Better' during the Education Leaders' Summit Chapter 2 organised by Manav Rachna Educational Institutions in collaboration with ASSOCHAM India at the MREI campus. Smt. Smriti Irani was the Guest of Honour at the occasion.

Prof. D P Singh, Chairman, UGC; Dr. Manish Kumar, Ex- MD & CEO of NSDC; Prof. Avinash Chandra Pandey, Director, IUAC and Dr. Prashant Bhalla, President, MREI were the keynote speakers at the summit.

One of the key highlights was a live communion between students and Smt. Smriti Irani. While addressing the questions of the students, Smriti ji shared some thoughtful advice and insights. She said: "Life is about looking ahead; challenges will come and at the end of discomfort, lies a beautiful tomorrow. Find a balance, and you shall find, what you seek." She also said, "To make education, democratized, you need to make sure that it is available in every spoken and known language. Children with disability don't need pity but an 'Equal Opportunity to All' is the fulcrum of Education that needs attention. Skilling is the end goal but there is a whole process of educating the educators".

Mr. Hersh Shah, CEO, IRM India; Mr. Sagar Bahadur, Principal Advisor, University of Queensland; Mr. Rajeev Mathur, CEO, KEDMAN; Mr. Pradeep Kumar, Head-

Channel Sales (SAARC), Altair; Dr. Rajita Kulkarni, President, Sri Sri University; Mr. Atul Khola, VC, Shoolini University; Dr. Sandeep Sancheti, VC, Marwadi University; Dr. Munish Garg, Director, Centre for Innovation, MDU were among the panelists at the Summit. Also present on the occasion were Smt. Satya Bhalla, Chief Patron, MREI; Dr. Amit Bhalla, Vice President, MREI; and principals of participating schools and other senior dignitaries.

## Faridabad Education Council launched 'Skill Workshop' to strengthen the development of government schools

The Faridabad Education Council (FEC) started a skill workshop to promote and implement educational development projects in the district. Sh. Jitendra Yadav, DC- Faridabad was the Chief Guest in the program wherein he shared that FEC and District Administration should cooperate to strengthen the development of government schools in Faridabad. He also emphasized the importance of public-private partnerships in all relevant aspects of educational development.

Under the skill workshop, IT and ITeS will be taught to the students of Class IX to XII. Students will have to attend workshops for three days per week, after which practical training will be given to the students in the lab in the school every 15 days. At the end of this 200-hour course, students will be given a certificate of 'SkillEd India'.

The district administration will work to strengthen the Teachers on Call program initiated by FEC. Apart from this, retired government school teachers will also be motivated to volunteer under this.

## Mega Blood Donation camp, Free Covid Vaccination camp and the largest Ek Mutthi Daan campaign on the 8th remembrance anniversary of Dr. O P Bhalla

An epitome of Philanthropy, Dr. O. P. Bhalla had spared no effort to ameliorate the lives of people around him. In that spirit, under the aegis of Dr. O P Bhalla Foundation; a Free Covid Vaccination Drive, Mega Blood Donation Camp, Stem Cell Registration Drive and the largest Ek Mutthi Daan campaign was held at the MREI campus to pay homage to the kind soul. The camp was inaugurated by Sh. Krishan Pal Gurjar, Hon'ble Union Minister of State for Power & Heavy Industries.

The Mega Blood Donation Camp was organized in association with the Lions Club of Faridabad, Rotary NCR Golfers, Rotary Faridabad East and the Santon Ka Gurudwara. Following strict social distancing norms, students and staff members of Manav Rachna donated 650 units of blood over staggered slots.

The annual bone marrow donor registry drive was also organized in association with Jeevadayini Social Foundation, in technical collaboration with Gene Bandhu Blood Stem Cell Donor Registry. 60 donors registered for the Bone Marrow/Stem Cell donor registry drive.

Dr. O P Bhalla Foundation and employees of MREI collectively donated 25,000 kgs of grains (dals & rice) to mark 25 years of

Manav Rachna's existence under the Ek Mutthi Daan campaign (No One Sleeps Hungry) to nine NGOs working for the betterment of the underprivileged. The donation was handed over by Dr. N C Wadhwa, DG, MREI in the presence of Sh. Krishan Pal Gurjar; Sh. Narender Gupta, MLA, Faridabad; Dr. Prashant Bhalla, President, MREI; Dr. Amit Bhalla, VP, MREI; Sh. Navdeep Chawla, Sh. H K Batra, and other senior dignitaries.

It is noteworthy that under the Sewa Diwas on the occasion of the birthday of our Hon'ble Prime Minister Sh. Narendra Modi, a two-day Free vaccination camp is being organised at Manav Rachna Educational Institutions Campus, Surajkund Road (Sep 16) and Manav Rachna International School, Sector 14, Faridabad (Sep 17). 1270 free covid vaccinations were administered on Day 1.

## Special Fee Scholarships - an initiative of Dr. O P Bhalla Foundation

Dr. O P Bhalla Foundation has been continuously working towards the betterment of the society with one of its major objectives to provide Education for all. In recent times, the number of requests related to fees concession from various institutes and schools of Manav Rachna increased due to the impact of the pandemic. Dr O P Bhalla Foundation stepped into help students seeking admission across all institutions of MREI by instituting a special fees scholarship. Details can be found on: <http://dropbhallafoundation.org/special-fee-scholarship/>

## Free Covid Vaccination Camps

5500+ community members, Manav Rachna staff members, students and their families were vaccinated in the year-long covid vaccination drives organized across various campuses of Manav Rachna.

## Inauguration of Rojgar Srijan Kendra at MRIIRS

Under the aegis of 'Atmanirbhar Haryana', the MRIIRS fraternity launched the Rojgar Srijan Kendra. Prof. (Dr.) Sanjay Srivastava, VC, MRIIRS, inaugurated the center. The guest of the day was Mr. Satish Kumar from Swadeshi Jagran Manch. He urged students to become job facilitators rather than job seekers. He also encouraged students to think out of the box.

## Blockchain Centre of Excellence (CoE) established at MRU in association with Sofocle Technologies

Manav Rachna University signed a MoU with Sofocle Innovation Labs Pvt. Ltd to collaborate in the areas of enablement of Blockchain Learning and Ecosystem Development. A Blockchain Centre of Excellence (CoE) will be set up at Manav Rachna University campus with a vision to create Blockchain HUB in North India, acting as a center for deep & industry-focused learning, an incubator for new ideas. This shall cultivate an environment of innovation and act as a sandbox for the development of Blockchain applications.





Google Developer Student Clubs  
Manav Rachna International Institute of Research and Studies

## GDSC Mentors For 2021



**Dr. Charu Virmani**  
Faculty Mentor



**Dr. Nitasha Soni**  
Faculty Mentor



**Pranav Agarwal**  
GDSC Lead



**Joy Singh**  
I.O.T Team Head



**Prerna Sidana**  
Web Team Head



**Utkarsh Bansal**  
ML Team Head



### MRU attains 25 h-index in Research Publication

Manav Rachna University is a research-driven university that seeks to create and share knowledge and technical know-how through quality research for the benefit of society and humanity. University has attained another milestone of 25 h-index in research publications as per Scopus database. University provides research and innovation training to the majority of the UG and PG students to take up interdisciplinary and inter-institutional research work. Apart from research, students are also given the training to file patents, develop new products for creating start-ups.

### Manav Rachna was a chosen Nodal Centre for interaction with PM Modi during Toycathon 2021

Manav Rachna was the only University chosen among all 6 institutions as a Nodal Centre for an interaction with Hon'ble PM Narendra Modi during Toycathon 2021

Our Hon'ble Prime Minister Sh. Narendra Modi interacted with the finalists of Toycathon 2021 through video conferencing today. Manav Rachna was the only University among 6 institutions chosen as a Nodal Centre for the Live interaction with PM Modi. Manav Rachna had been selected as a Nodal Centre by AICTE for hosting Toycathon 2021 Grand Finale organised jointly by the Ministry of Education in coordination with five other Ministries viz: Ministry of Women & Child Development, Ministry of Micro, Small and Medium Enterprises, Government of India Ministry of Information & Broadcasting, Ministry of

Commerce & Industry, and Ministry of Textiles, Government of India. Toycathon focuses on conceptualizing new and innovative toys using local materials which are economical, affordable, safe, environment friendly, with exceptional high quality for both Indian and global markets.

### Region's first Industry Immersion Program for faculty!

As a front-runner in bridging the industry-academia gap and to provide the best industry simulation, Manav Rachna Educational Institutions is launching an Industry Immersion Programme for Faculty: Exploring the Horizontal Space. This is a first-of-its-kind initiative where industry mentors shall be aligned with faculty members. The aim is to improve curricula and hone faculty. The faculty shall be able to pursue projects, research with the industry where they are attached.

### Accolades in Interior Designing

Dhruv Soni (B.Sc. ID Fifth Semester) won 1st Prize at Delhi State Level Competition 2021 for World Skills in Visual Merchandising. Dhruv would now be representing Delhi in the National level competition. We are supremely proud of his achievement and offer our best wishes for the next big competition!

### Chasing Dreams

Manav Rachna University's B.Sc. Physics (Hons.) students Reena Kaushik and Rohit Yadav published research paper in International Journal under the supervision of Dr. Ananna Bardhan, Assistant Professor.

### Google Developer's Student Club

Google Developer's Student Club is a university-based community for students of Manav Rachna to learn about Google developer technologies. The club is aimed to enhance student's knowledge in a peer-to-peer learning environment and build solutions for society and local businesses. Students will gain relevant industry experience by solving real-life problems. GDSC is a space for students to collaborate and nurture their skills.

### Session on 'Atmanirbhar Haryana and Rojgar' under 'Atmanirbhar Haryana'

Under the aegis of 'Atmanirbhar Haryana', the Department of Students Welfare organized an interactive session on 'Atmanirbhar Haryana and Rojgar' on August 24, 2021. The session was presided over by Dr. Sanjay Srivastava, Vice-Chancellor, MRIIRS, Dr. Naresh Grover Pro-Vice-Chancellor MRIIRS, Dr. Amit Seth, Director Faculty of Commerce and Business Studies, Dr. Umesh Dutta Director MRIIC, Dr. Gurjeet Kaur Chawla, Dean Students Welfare, and Director Radio Manav Rachna. The Guest of the day was Sh. Satish Kumar President Akhil Bhartiya Seh Sangathak, Swadeshi Jagran Manch. The session was attended by UG, PG students along with their faculty members from different Departments who also shared their views on Atma nirbhar".

## Manav Rachna signs MoU with ICSI to create skilled professionals

Faculty of Commerce and Business Studies, Manav Rachna International Institute of Research and Studies has signed a Memorandum of Understanding with the Institute of Company Secretaries of India (ICSI) to facilitate a comprehensive partnership for imparting knowledge and skills in the areas of joint academic research, workshops and professional development programmes for students and academicians of both institutes.

### #TeachforIndia

Nandini Chauhan, B.Tech CSE 2017-21 Batch (MRU) has been selected for Fellowship with Teach for India. TFI is a non-profit and a movement of leaders founded by Shaheen Mistri. TFI Fellowship (2 years) is an opportunity for the youth, from the nation's best universities and workplaces, to serve as full-time teachers to children from low-income communities in under-resourced schools. Alongside that, she also has got admission at Columbia Business School, New York, for their Deferred Enrollment Program wherein she will be joining them in September 2023.

## Celebrating 75 Glorious Years of India's Independence through 'Azadi Ka Amrit Mahotsav' at MRIIRS

To celebrate the landmark 75 years of Indian Independence through 'Azadi Ka Amrit Mahotsav', faculty, students, and staff of MRIIRS participated in the Fit India Freedom run 2.0, covering a stretch of 8 km, under the aegis of Fit India movement. In all, 26 Faculty and Staff members along with the students participated in the run which began from MRIIRS Gate No. 1 to Ankhew Chowk and back to Central park MRIIRS.

## Expert Lecture on 'Role of Immunity and Vaccination in Covid-19 Infection Control'

Department of Computer Science and Technology, MRU hosted an Expert Lecture on 'Role of Immunity and Vaccination in Covid-19 Infection Control' to commemorate 25 Years of Transforming Education and the Silver Jubilee celebration.

The lecture was delivered by Dr. Abhijit Vipul, Consultant Radiologist at Synapsica Health Care in New Delhi, and Miracle Mediclinic Gurugram. During his MBBS and MD studies, he was consistently awarded Gold Medals.

## Mitsubishi Authorized Training Centre Inaugurated

Department of Electrical and Electronics Engineering, Faculty of Engineering and Technology, MRIIRS in association with Mitsubishi Electric India inaugurated Authorized Training Centre at Manav Rachna campus.

With the establishment of Authorized Training Centre, Manav Rachna and MEI aim to conduct Certified Training on the latest automation Products of MEI; training for Industry personnel/ Students/ academicians from various institutes; enhance the Research & Development Prospects; and enhancing the opportunities for students to develop analytical skills by identifying real problems in Industry and can propose solutions. Addition of New Automation Equipment, Low Voltage Switchgears (LVS Kits) and programmable logic controllers (PLC FX5U Kits) is a unique feature of this training centre.

## सशक्त नारी से ही बनेगा सशक्त समाज

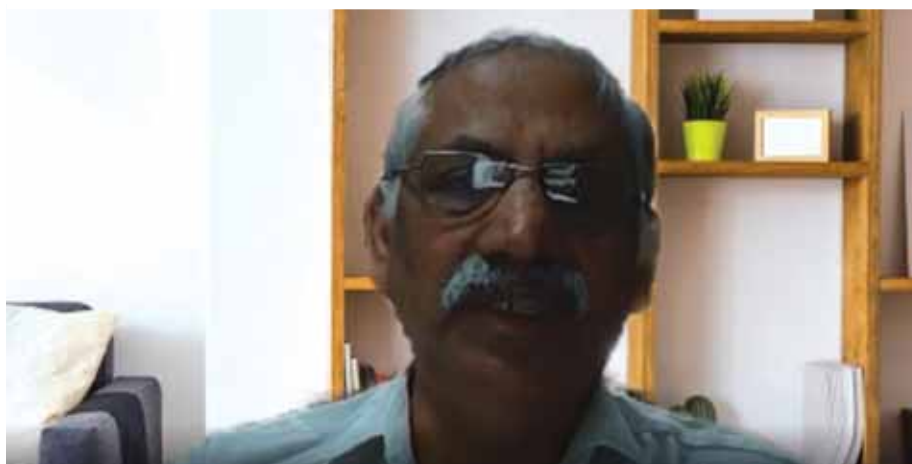
International Women's Day was celebrated in our campus. The grand event was organized by DSW, MRIIRS. Mr. Anurag Chauhan, Social Activist & Founder of Humans for Humanity and Karmaveer Chakra Awardee by the United Nations was the Chief Guest; and actress Ms. Poonam Mathur was the Guest of Honor of the event.

The celebrations included breathtaking performances by students highlighting the role of women in our life and that we need to acknowledge that women are already empowered; we just need to give it a word. Rakhsa Physioyoga Martial Arts Academy Trust presented a Skit on Self Defence, which was followed by a spectacular Mime 'Guddiya' by Paigam, Manav Rachna Theatre Society. Mridaksh, Manav Rachna Dance Society gave a wonderful Musical Dance Performance 'Pehchaan'.

Ms. Diksha Bhaskar, Head Production & Programming, RMR 107.8FM shared her valuable views on the 'Women's Day'. A Video Presentation 'Uphaar - E- Nari' was given by Radio Manav Rachna 107.8 FM.

Dr. O.P. Bhalla Foundation celebrated Women's Day by having an hour of relaxation and fun for the women in the name of 'Maitri'. The ladies had a great time while they danced, sang songs, played games and had a lot of chit chats. The event was to celebrate womanhood and make the women have some time of their own where they can forget all their worries and chill out.





### Indian B-Schools Leadership Conclave

Vice President Shri M. Venkaiah Naidu inaugurated Indian B-Schools Leadership Conclave' virtually. Vice President underlined the importance of sustainable development and said that the world needs business leaders who can look beyond short-term profit and work for long-term sustainability.

Complimenting AACSB and EPSI for organizing the Conclave despite the challenges posed by the COVID-19 pandemic, Shri Naidu called it an excellent opportunity for Indian B Schools to learn from local and global best practices in management education during these turbulent times.

The two-day virtual Conclave on the theme- 'Indian B- Schools: Navigating a sustainable future by merging local & global best practices' is being jointly organized by the Association to Advance Collegiate Schools of Business (AACSB), USA and Education Promotion Society for India (EPSI). More than 20 thought leaders, deans, directors and policymakers in management education will deliberate various issues faced by the educators in Dr. G. Viswanathan, President, EPSI, Dr. Anil D Sahasrabudhe, Chairman, AICTE, Dr. Geoff Perry, Chief Officer Asia Pacific, AACSB, Dr. H Chaturvedi, Director, Birla Institute of Management Technology, Dr. Prashant Bhalla, President of Manav Rachna Educational Institutions, Vice-chancellors, Deans, Principals, professors and students from various Institutions were among those who attended the virtual event. B-Schools in India and the world.

### International Conference on Renewable Technologies in Engineering (ICRTE 2021)

Department of Electrical and Electronics Engineering, and Department of Electronics and Communication Engineering, FET, MRIIRS organized the prestigious International Conference on 'Renewable Technologies in Engineering (ICRTE 2021)' in association with Springer on 15 - 16 April 2021. This is the first International Conference organized in collaboration with Springer.

The inaugural session witnessed the gracious presence of Chief Guest, Chair Professor CEA, IIT Delhi, Dr. Bhim Singh; Guest of Honour Director, NPTI, Dr. Manju Mam; Honourable Vice Chancellor, MRIIRS Dr. Sanjay Srivastava; Pro Vice-Chancellor & Dean, FET Dr. Pradeep Kumar; Dr. Dipankar Deb Professor, IITRAM and Dr. Mohan Kohle from the University of Norway.

### Discussion on How to Improve Psychosocial Skills during Pandemic

Manav Rachna International Institute of Research and Studies, Students Welfare and Internal Quality Assurance Cell (IQAC) in collaboration with Mahatma Gandhi National Council for Rural Education, Department of Higher Education, and Government of India organized a one day E-workshop on Guidance to Improve Psychosocial Skills during Pandemic.

### International Conference: 'Computational Intelligence in Analytics and Information Systems' (CIAIS- 2021)

Department of Computer Science and Technology (CST), Manav Rachna University organized an International Conference on 'Computational Intelligence in Analytics and Information Systems' (CIAIS- 2021) from April 2-3, 2021 to commemorate the 74th Founder's Day. The main focus of the conference is on the empirical, theoretical and application prospects of the introduction of computational intelligence in Data Science, Information retrieval and communication systems.

The Inaugural session witnessed the gracious presence of the Chief Guest, Prof K.K. Aggarwal, Chairman NBA and Founder Vice-Chancellor, GGS Indraprastha University. Dr. Mohit Gambhir, Innovation Director, Ministry of Education was the Guest of Honor. Dr. Anjana Gossain, Professor, University School of Information Communication Technology, Guru Gobind Singh Indraprastha University, New Delhi was the General Chair of the conference. H' Vice Chancellor, Manav Rachna University, Prof. I.K. Bhat; Director-General, MREI Dr. N.C. Wadhwa, H' Vice-Chancellor, MRIIRS, Prof. Sanjay Srivastava; PVC, MRIIRS Prof. Pradeep Kumar; Dean Academics MRU, Prof. Sangeeta Banga; and Dean Research MRU, Prof. Pradeep Varshney, graced the occasion.

## COVID Pandemic - Science, Innovation and Society

More than 700 academicians, researchers, and students participated in an expert talk by Dr. Samir K Brahmachari on COVID Pandemic - Science, Innovation and Society. He shared his invaluable insights and highlighted that how COVID comes with four unidentified amino acids that couldn't be found in any of the animals which make the challenge to fight even more complex. Humanity has suffered a lot in these two years & the fight is still ongoing. He said, "We can save this world and humanity not just by science but also by value-based education, that can ensure the compassion & empathy this world needs right now."

The wise words of these stalwarts did inspire each and every one on the forum that there is always a light at the end of tunnel and to reach towards that light, humanity must keep on moving forward with a value-based education system to develop ethics and love in this world.

## MRIIRS partners with UiPath

Manav Rachna International Institute of Research and Studies is glad to partner with UiPath under academic alliance program. UiPath is a leading Robotic Process Automation organization. This collaboration has opened the doors for the students of Manav Rachna to work on the tool suite of UiPath for designing Robots that are used in IT automation jobs. Students will get access to the Ui Path Studio software and learning material so that they can start designing robots for the tasks that are repetitive and rule based. A certificate shall be awarded post completion of the learning modules

available on the LMS of UiPath. The RPA course will also be offered to the students as a part of their academic curriculum so that they can become job ready for the RPA field. This is one of the fastest growing domains as many corporate are shifting from manual to robotic controlled processes. Students can get themselves enrolled for this programme in both self-paced and instructor driven learning mode.

## Plantation Drive

Dr. O.P. Bhalla Foundation in association with Clans under the Department of Student Welfare, Manav Rachna University organized MEGA Plantation Drive under Pariyavaran Sanrakshan Gatividhi in all the adopted villages- Dayalpur, Gadkheda, Atali, Chhainsa, and Mothuka. The Faculty members and students participated in the drive in large numbers. As per the requirements of each village trees and saplings of Peepal, Bargad, Jamun, Neem, Gulmohur, Amaltas, Amrood, etc were donated in large numbers. Around 1500 saplings were planted.

## Nidhi Van: 'Azadi Swachh Sanso Ki'

To mark the glorious History of India, Grand Celebrations "AZADI 75" were observed at the MREI campus today. To commemorate this momentous occasion, 75 ECO WARRIORS from Manav Rachna symbolic of the 75 years of our Independence handed over 75 Tulsi Plants for the launch of Nidhi Van "Azadi Swachh Sanso Ki". The Nidhi Van has been incorporated within the medicinal garden at the MREI campus in collaboration with Daksh Foundation and Paryavaran Sanrakshan Gatividhi.

## E-workshop organized on 'Co-solving waterlogging and groundwater depletion issue in parts of Faridabad Smart City'

Center for Advanced Water Technology and Management, MRIIRS recently organized an e-workshop on 'Co-solving waterlogging and groundwater depletion issue in parts of Faridabad Smart City' to initiate the DST WTI funded Research Project on this issue. The expert panel included Dr. Alok Sikka, Country Head India, IWMI; Dr. Peter Dillon, CSIRO, Australia; Dr. Anoop Nagar, Member CGWB; Dr. Sanjay Kumar, Sc D DST, and Sh. Lalit Arora, Advisor, Faridabad Smart City Limited.

## MRIIRS signs MoU with IBM

MRIIRS becomes the first institute in Haryana to join hands with IBM for the skilling of MRIIRS students in emerging technologies. IBM will work with MRIIRS for skill and knowledge to offer Open P-TECH, a free digital education platform focused on emerging technologies and professional development skills.

Under the partnership, IBM will offer free of cost its entire catalog of Open P-TECH courses in cyber security, block chain, artificial intelligence, and machine learning, cloud, Internet of Things, along with professional skills, like Design Thinking and innovation.



## Centre for Advanced Water Technology & Management, MRIIRS

has been Accredited

To investigate and prepare reports to obtain "No Objection Certificate" from Central Ground Water Authority, for a period of five years

### Categories:

- Impact Assessment on Ground Water Withdrawal by Industrial, commercial and infrastructural projects
- Impact Assessment on Groundwater due to Mining Projects



### Consultancy project win for CAWTM:

Congratulations to CAWTM for bagging this prestigious consultancy project for the third year in a row. Cairn Oil and Gas, Vedanta Limited has awarded a prestigious Consultancy Project on Hydro geological Survey for Aquifer Monitoring at Barmer, Rajasthan to the 'Centre for Advance Water Technology Management' at MRIIRS under the leadership of Dr. Sarita Sachdeva, Dean Research.

### 'SWACHH FARIDABAD - SMART FARIDABAD'

Manav Rachna is proud to have supported the District Administration in conceptualizing the "SWACHH FARIDABAD - SMART FARIDABAD" anthem under the leadership of Sh. Yashpal Yadav, IAS. The anthem was launched at an august ceremony on April 10 by Sh. Manohar Lal Khattar, the Hon'ble CM of Haryana.

### 'One District One Champion'

For the Best practices in 'Swachhta' Manav Rachna International Institute of Research and Studies was awarded with 'One District One Champion'. The award was bestowed by the Mahatma Gandhi National Council for Rural Education, Department of Higher Education, Ministry of Education in the august presence of Sh. Yashpal Yadav, Deputy Commissioner Faridabad on July 26, 2021.

### Sh. Prakash Javadekar felicitates winners at the National Environment Youth Forum 2021

The youth brings unique perspectives to pressing issues. Harnessing the potential of the youth, Manav Rachna Educational Institutions (MREI) has been actively crusading for the cause of environment for many years. Through several platforms, MREI has been an aggregator bringing together the youth, policy makers, environmentalists, NGOs and RWAs to showcase time-tested best practices that can be implemented for the larger good.

Very recently, Manav Rachna hosted and helped actualize the participation of 25,000+ students from 250+ affiliated colleges and 75+ universities across India in the National Environment Forum 2021 organized by Paryavaran Sanrakshan Gatividhi (PSG).

The Award Ceremony of the National Environment Youth Forum 2021 was presided by Shri Prakash Javadekar, Hon'ble Union Minister of Environment, Forest and Climate Change, Government of India. Ms. Aarya Chavda, an 11 year old environment crusader who has penned many thought provoking books was the Guest of Honour. Also present on the occasion were Sh. Gopal Arya, National Convenor, PSG; Sh. Rakesh Jain, National Sah Sanyojak, PSG; Dr. Prashant Bhalla, President, MREI; Dr. H D Charan, VC, Bikaner Technical University; Dr. Sanjay Jain, Chancellor, Bhagwan Mahavir University; Dr. N C Wadhwa, DG, MREI and Vice Chancellors and Heads of many Institutions.

### Manav Rachna to organize World University Shooting Championship in the year 2024

Setting precedents, Manav Rachna International Institute of Research and Studies (MRIIRS) has signed an MOU with the Association of Indian Universities (AIU) to organize the World University Shooting Championship in the year 2024 under the aegis of FISU- International University Sport. It is a matter of great pride that Manav Rachna has been chosen to host this most prestigious championship. The MoU was signed in the presence of Col. Dr. G. Thiruvassagam, President-AIU; Dr. (Mrs.) Pankaj Mittal, Secretary General-AIU; Dr. Baljit Singh Sekhon, Joint Secretary (YA & Sports) along with Dr. Sanjay Srivastava, MD, Manav Rachna Educational Institutions; Mr. R K Arora, Registrar, MRIIRS; Mr. Sarkar Talwar, Director Sports-MREI and Mr. Agam Talwar.

The foundation of this project was laid in the year 2019, when Dr. Amit Bhalla, Vice President, Manav Rachna Educational Institutions along with Dr. Baljit Singh Sekhon, Joint Secretary (YA & Sports AIU) visited the FISU headquarters in Lausanne, Switzerland to take part in the bidding for the championship to be held in 2024. They were accompanied by the Khel Ratna awardee, ace shooter Ronjan Sodhi and Agam Talwar.

## Inauguration of first-ever scientific training for players

The Kho Kho Federation of India (KKFI) along with Ultimate kho kho (UKK) uplifted the skill set of its players with the introduction of a revolutionary High Performance Assessment and Scientific Analysis & Evaluation Program "Rise in Sports Excellence"- for the very first time. 73 players were trained and monitored by vastly experienced experts at the Manav Rachna Sports Science Center.

Minister Kiren Rijiju along with Rajeev Mehta, General Secretary, IOA and popular sporting personalities Suresh Raina and Mohammed Shami and Dr. Amit Bhalla, Vice President, MREI inaugurated the coaching camp, where Kho Kho players have been selected from across the country. The state of art expertise of Manav Rachna Sports Science Centre has been roped in to roll out this mammoth initiative.

## Train the Trainers

National Kho Kho Coach Development Programme was organized by Kho Kho Federation of India. It was inaugurated by Mr. Sudhanshu Mittal, President, Kho Kho Federation of India (KKFI).

During this event, a detailed report of the Kho Kho players who participated in the first-ever scientific training programme by KKFI and Ultimate Kho Kho was also presented. Players were assessed on the basis of the following: biomechanics, injury assessment, postural analysis, nutritional, psychological, communication and media handling factors.

## New Shooting Range in Campus

The then Hon'ble Union Minister for Sports Sh. Kiren Rijiju inaugurated a first-of its kind 25 meter and 50 meter convertible shooting range at the Manav Rachna campus. This is among the most advanced shooting facilities not available anywhere across Delhi NCR.

The range is both electronic and manual with 10 lanes each. Equipped with SUIS ASCOR electronic targets and 0.22 weapons, the range is open for all (including beginners). This shooting range is opposite Girls Hostel in our campus.

## National Para Shooting Championship 2020-21

Manav Rachna hosted first-ever National Para Shooting Championship 2020-21 for Rifle/Pistol events. It was organized by STC Shooting under the aegis of the Paralympic Committee of India (PCI-Paralympic India). Around 200 shooters from different parts of India participated in the competition.

Dr. Amit Bhalla, VP, Manav Rachna Educational Institutions was the Guest of Honour. The inauguration ceremony witnessed the august presence of Dr. Deepa Malik, President-Paralympic Committee of India. She is a recipient of the five prestigious President of India Awards including the Padma Shri & Arjuna Award. She has also been conferred the Rajiv Gandhi Khel Ratna award.

Dr. Deepa Malik said, "Such championships highlight the fact that Para Sports are also the mainstream sports and this National Championship will send this message to everyone in the country".

## Well Played Boys!

Manav Rachna lifted the Champions' Trophy of the 14th Manav Rachna Corporate Cricket Challenge Cup 2021 with a score of 241 beating Asian Hospital by 3 runs in a nail-biting last over. Asian Institute of Medical Sciences bagged the Runners-up trophy of the tournament.

Dr. Prashant Bhalla congratulated the Manav Rachna team. He expressed his delight by saying, "This corporate cricket challenge cup is a wonderful opportunity for us to connect with the corporate world."

Dr. O.P. Bhalla Foundation awarded the Manav Rachna team (winner) the prize of Rs. 1 Lakh and Rs. 21,000 prize to Mr. Nikhil Diwakar, 'Player of the Tournament'.

## Dr. Prashant Bhalla, President, MREI deliberated with the leading panelists in HT Smarter Ed Conclave 2021

Dr. Prashant Bhalla, President, Manav Rachna Educational Institutions deliberated with the leading panelists on "Investing in technology to reshape the education landscape in India" in the Hindustan Times Smarter Ed Conclave 2021. The Conclave brought together thought leaders, policy makers, educators & industry experts to envision an India-centric education system that can contribute directly to nation's transformation in view of the 'National Education Policy'.







## QS RISE: Redefining Institutional Strategy for Excellence

Manav Rachna Educational Institutions (MREI) co-hosted the Delhi NCR chapter of QS RISE (Redefining Institutional Strategy for Excellence) conference being organized by QS I-Gauge across the country.

QS IGAUGE is a brand incorporated in India as an independent private-sector initiative specialized in rating colleges, universities, and schools. It brings together the global expertise, experience, and reputation of UK-based (QS) Quacquarelli Symonds, along with deep local knowledge of luminaries from Indian education. In this exclusive state-level conference, speakers from five countries - India, Turkey, New Zealand, Australia and Malaysia joined as speakers.

Dr. Prashant Bhalla, President, MREI set the context for the conference and shared that the Delhi NCR region has some of the best institutions, making it the hub towards achieving the vision of the National Education Policy. "NEP aims to promote India as a knowledge hub, attracting foreign student and to promote research collaboration and student exchanges between Indian institutions and global institutions through organized efforts. In that aspect, conferences like RISE are even more important bringing together global education leaders on one platform to share and deliberate upon international best practices", he added.

Reminiscing over the leap that the education sector took during covid times, Dr. Anand Mohan Sharan, (IAS), Principal Secretary, Higher & Technical Education, Government of Haryana shared, "When we talk of challenges in educational

approaches and pedagogy, it becomes important to take into account the multiple stakeholders involved in the realm of education, the topmost being- the teachers, the students, and the industry professionals. These three define the very essence of education. It is obvious that there were immense challenges involved while shifting the classroom from the physical setup to the virtual setup, but these challenges were slowly paved by the sheer dedication of teachers and students and also by adopting varied innovative techniques that made learning not only informative but also fun. Digitization of education was important and that is where the quick action of our stakeholders became important".

Prof. Anil D. Sahasrabudhe, Chairman, AICTE who was the keynote speaker on the occasion said: "Excellence is the hallmark of quality education. In India, teachers have been at the fulcrum of growth. During the pandemic, at the AICTE learning academy, we empowered our faculty with lot of courses in emerging areas -training 1.6 lakh teachers!"

These were followed by panel discussions with global academic leaders on 'Measuring learning outcomes in online education'; 'Best Practices in leveraging international collaborations' and a debate on whether online education is a boon or bane for higher education.

## Manav Rachna partnered with CII for its flagship School Summit

Confederation of Indian Industry Northern Region organized its flagship CII School Summit where education leaders from states across Northern India participated. The inaugural session of the Summit was addressed by Sh. Vijay Inder Singla

Education Minister of Punjab and Sh. Govind Singh Thakur Education Minister of Himachal Pradesh among other senior education leaders. Our President Dr. Prashant Bhalla was among the speakers at this august panel. He stated: "With the frontal motive of enhancing an individual's holistic outlook, the New Education Policy 2020 proves to be a milestone in the integrated dissemination of education in India. Set on the fundamental aspect of inculcating the values of 'inclusion', 'innovation', & 'institution', the policy surely has the potential to revolutionize the learning fervor as we know it".

Ms. Gauri Bhasin, Director, Admissions & Outreach, Manav Rachna Educational Institutions was one of the esteemed panelists at the discussion on 'School Leadership Roundtable on Evaluating the School Education System: Preparing the Roadmap'.

## ASSOCHAM's 14th Education Summit

Chapter One witnessed leading academicians and educationists deliberating upon 'The New-Age Global Skill Conundrum: Unlocking the next paradigm' on March 20th 2021. The Summit brought together principals from schools of Delhi NCR, policy makers, and institution heads to discuss strategies and best practices with an aim of catalyzing India's transformation into one of the top 10 innovation-led countries of the world.

Assembling the expert stalwarts across varied walks of life, the Education Leaders' Summit aims to facilitate a platform to develop a comprehensive discourse around the aspect of education, its purpose, and its suitability to the contemporary industry demands. We have leading business icons, academic professionals, political figures, & motivational speakers on board to disseminate their knowledge to the beneficiaries.

## Manav Rachna collaborates with World-Renowned shooting Legend Mr. Petar Gorsa

Mr. Petar Gorsa is a World Cup Gold medalist, a multiple Silver Medalist at the World Championship, two-time European Champion along with many more international medals. He played an instrumental role in helping the Indian Shooting Team train in Croatia before the Tokyo Olympics.

Petar has joined forces with Manav Rachna to take on the role of a shooting mentor and provide international standard training to budding shooters. He will also be seen in the capacity of a mentor to coaches, where he will help coaches understand various aspects of the game. Time and again, Manav Rachna has brought international stars to India, to aid in the better training of athletes; this time is no different as the aim of this collaboration is to produce Olympic champions.

## CAWTM, MRIIRS accredited by CGWA

It is indeed a privilege for us at Manav Rachna that the Centre for Advanced Water Technology & Management, MRIIRS has been accredited to investigate and prepare reports to obtain "No Objection Certificate" from Central Ground Water Authority, for a period of five years for two categories. This is a result of the consistent efforts being put in to scale the achievement.

## Manav Rachna collaborates with MCF for Swachh School Swachh Ghar campaign

Manav Rachna Educational Institutions in collaboration with Municipal Corporation, Faridabad, and Way of Life Foundation organized the first leg of 'Swachh School Swachh Ghar' - the Workshop on Waste Segregation for Schools. It was organized in Manav Rachna International School, Sector-14, Faridabad.

Over 1000 enthusiastic teachers and students from various schools attended the Workshop representing Eco-Clubs of their respective schools. Dr. NC Wadhwa welcomed the Chief Guest, Shri Yashpal Yadav, Commissioner, MCF.

## Manav Rachna wins Agri AI Grand Challenge

Department of Computer Science & Technology is pleased to share that under the mentorship of Dr. Mrinal Pandey, Associate Professor, Computer Science & Technology Manav Rachna University, CDAC Kolkata team has been announced as the Winner in Agri AI Grand Challenge, 2021. She was invited to C-DAC, Kolkata in the month of January 2021 for providing mentorship support to the CDAC Kolkata AI/ML teams of scientists, participating in AI Agriculture Grand Challenge. She provided consistent support to the CDAC team throughout the journey of this challenge. 'Telangana AI Mission's Agri AI Grand Challenge, 2021' was launched to provide the best AI solutions in the area of Agri Tech, The Challenge was organized by NASSCOM in collaboration with Telangana Government under the AI Mission (T-AIM).

## "International Conference 'Food and Sustainability - A Global Perspective'"

A sustainable food system lies at the heart of the United Nations & Sustainable Development Goals (SDGs). The Faculty of Allied Health Sciences, Manav Rachna International Institute of Research & Studies in collaboration with Manav Rachna Centre for Peace and Sustainability, Manav Rachna University organized the Virtual International Conference on Sustainability of Food-A Global Perspective with a focus to disseminate and discuss the strategies of agriculture and food systems, achieve the food security, improved nutrition and promote sustainable agricultural practices in alignment with the SDG2. The objective of the conference was to collaborate with industries, governments, and academicians to develop sustainable solutions to improving food security and supply chain resilience. Dr. Dorairaj Prabhakaran Director, Centre for Control of Chronic Conditions (CCCC), Vice President - Research & Policy, Public Health Foundation of India (PHFI) graced the virtual conference as the chief guest and urged the participants to undertake research based on these issues and to adopt measures like kitchen garden and zero budget farming, vegetarianism and respect other species as part of holistic approach. Guest of Honour Dr. G.C Shrotriya, IFFCO Kisan Sanchar Limited, New Delhi elaborated upon various factors related to poverty scenario in India and malnutrition problem and discussed about technologies and techniques for enhancing food production with sustainability.





**MANAV RACHNA INTERNATIONAL INSTITUTE OF RESEARCH AND STUDIES**

## Makes a massive leap in NIRF Rankings

<p><b>DENTAL</b></p> <p>Rank</p> <p><b>39</b></p>	<p><b>UNIVERSITY</b></p> <p>Rank Band</p> <p><b>101-150</b></p>	<p><b>ENGINEERING</b></p> <p>Rank</p> <p><b>118</b></p>
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### Sound of Silence: Manav Rachna Meditates

“Sounds of Silence: Manav Rachna Meditates” by Prof. Scott Herriott, Provost, Maharshi International University, Fairfield, Iowa, United States was organized with the aim to strengthen the culture of meditation in Manav Rachna and to introduce various forms of meditation. Prof. Scott elaborated about Transcendental Meditation, its nature, and its research proven impact on improving mental health.

### When the leaders hit the ground!

As a part of the Silver Jubilee celebration, Manav Rachna Cricket ground witnessed a nail-biting match between President XI and VC XI. The match was inaugurated by Smt. Satya Bhalla, Chief patron, MREI.

Manav Rachna International Institute of Research and Studies makes a massive leap in NIRF 'India Rankings 2021'

Manav Rachna International Institute of Research and Studies moves to the top of the ladder leaving behind many institutions of Delhi-NCR and the country! The prestigious NIRF India Rankings 2021 by MHRD, Government of India has rated Manav Rachna International Institute of Research and Studies (MRIIRS) across four categories: Dental (rank 39); Engineering (rank 118); University (rank band 101 to 150); and Overall (rank band 150 to 200).

### Dr. O.P. Bhalla Foundation sponsors five Athletes from Punjab

Dr. O P Bhalla Foundation has always encouraged the youth to excel in the area of their passion. The Foundation has worked extensively in the area of education, healthcare, sustainability, adoption of villages, and more.

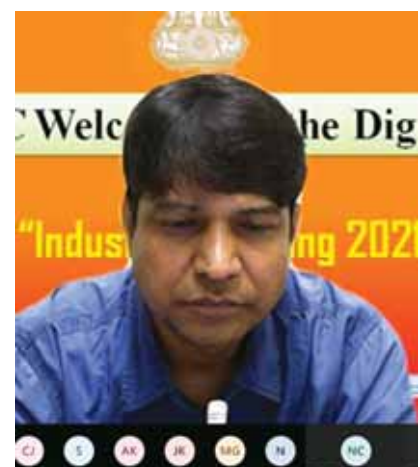
We conceptualise and conduct workshops and conclaves, and create and disseminate material aimed at increasing the awareness of not just athletes, but also sporting professionals. We regularly conduct and collaborate with various academies, federations and domain experts to conduct workshops for athletes, coaches, and sporting parents on topics related to sport.

Supporting our Prime Minister's vision of facilitating our budding sportspersons who have high potential and grit, we are happy to share that under the Foundation, we have sponsored five athletes from Punjab. These athletes are being mentored by Captain Sidhu and coached by Mr. Sara\* Singh but they needed their performance to go to the next level. Manav Rachna Sports Science Center has extended support to take their performance to the highest level in the field of track and field. These athletes include Gurinder Vir Singh who is the fastest 100-meter runner in India. Twinkle Chaudhary, Lovepreet Singh, Harjit Singh and Jashnpreet Singh.

### 5-Day FDP On “Internet Of Things (IoT) And Sensors”

The Department of Electronics and Communication Engineering, Manav Rachna University organized 5-Day FDP On “Internet Of Things (IoT) And Sensors”. 144 participants from attended the session which had a blend of theory with live working models and projects along with the practical hands-on training (online mode-do along). The experts from industry and academia were invited to deliver the sessions.

Keynote speaker, Mr. Arvind Dixit Director & Chief Executive Officer at Advance Tech India Pvt. Ltd- Chandigarh delivered his talk on “Introduction to IoT”.



# MREI INTERNATIONAL AFFILIATIONS/ COLLABORATION

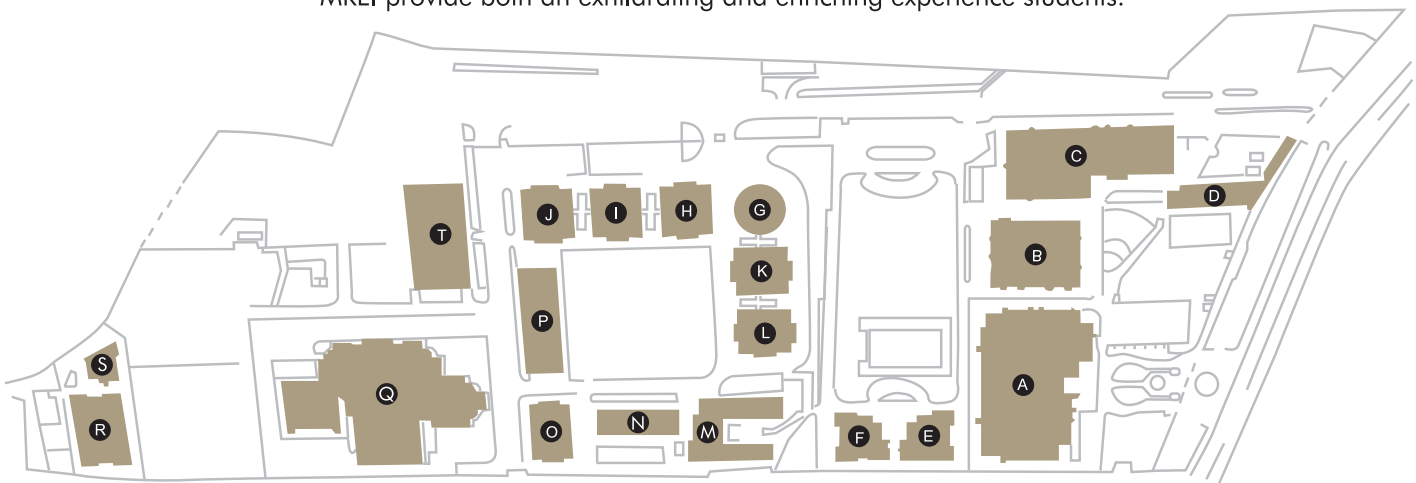


## CAMPUS HIGHLIGHTS

A gateway to North India

MREI is located in the heart of beautiful Aravali hills, boasting a multicultural population. Renowned for its outdoors, a range of enriching sporting, artistic, entertainment, cultural activities, it's hardly surprising that Faridabad is recognised, not only as one of the most popular and affordable study destination in North India, but across the country.

MREI provide both an exhilarating and enriching experience students.



- A** Engineering/ Centre for Advanced Water Technology & Management (CAWTM)/ Squash Court
- B** Medical Centre/ Dr. O P Bhalla Foundation Office
- C** Engineering
- D** Engineering
- E** Admission Student Facilitation Centre/ Architecture/ Visual Art/ Interior Design/ Centre of Foreign Language
- F** VC Secretariat - MRIIRS, Media Studies & Humanities/ Radio Manav Rachna+Media Centre
- G** Law
- H** VC Secretariat - MRU, Engg.
- I** Applied Science/ Management
- J** Education/ Day Care/ Sports Science Centre
- K** Engineering
- L** Vivekananda Library/Engg.
- M** Workshop/Labs
- N** Workshop/Labs
- O** Boys Hostel - 1
- P** Boys Hostel - 2
- Q** Dental Sciences/ Psychology & Social Science/ Allied Health Sciences/ Indoor Sports Arena/ Shooting Range & Central Store/ Girls Hostel/ Centre for Doctoral Program
- R** Girls Hostel
- S** Studio Apartment (Girls/ Shooting Range 50mtr)
- T** Central Library/ Management Studies/ Commerce & Business Studies & Computer Application

255+  
CLASSROOMS

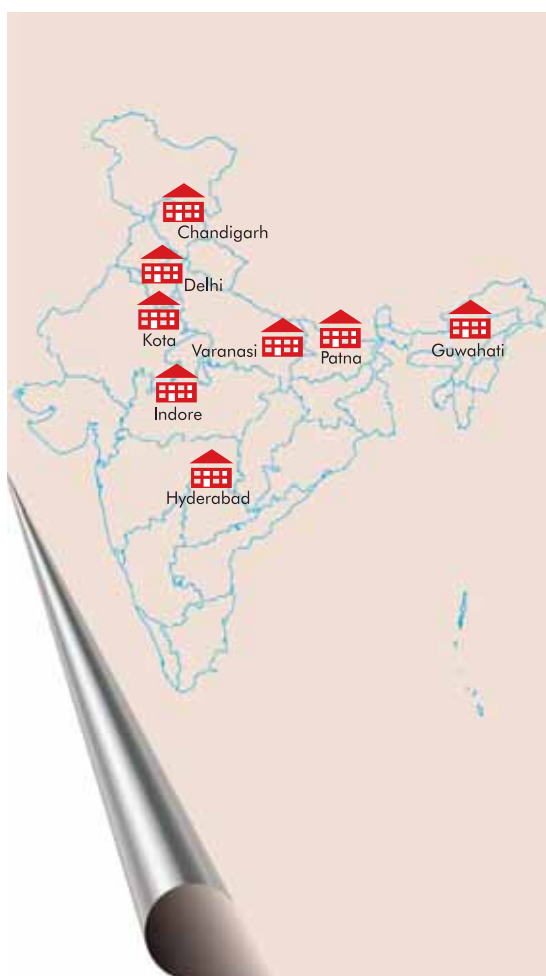
135+  
LABS

7 LIVE  
PERFORMANCE  
VENUES

12 LAC+ Sq.ft  
OF BUILT UP  
AREA OF CAMPUS

# IMPORTANT TELEPHONE NUMBERS & MANAV RACHNA CITY OFFICES

Vice Chancellor- MRIIRS	0129-4198322	Dean Students Welfare- MRU	0129-4198599
Vice Chancellor- MRU	0129-4198502	GM- IT	0129-4198461
Pro VC- MRIIRS	0129-4198385/ 0129-4198231/ 0129-4198989	Director- Administration	0129-4198220
Pro VC- MRU	0129-4198628	Executive Director- International Affairs	0129-4198219
Registrar- MRIIRS	0129-4198373	Head- Corporate Relations	0129-4198284
Registrar- MRU	0129-4198584	Director- Sports	0129-4198458
Dean Academics- MRU	0129-4198597	Dy. Director- Admissions, SFC & MRCFL	0129-4198476
Associate Dean Academics- MRIIRS	0129-4198370	General Enquiry (Campus)	0129-4198000/ 0129-4198100/ 4198200/ 4268500/ 4268800
Principal MRDC	0129-4198807	General Enquiry (Head Office)	0129-4198600
Executive Director Marketing & Admissions	0129-4198306/ 4198396	Admission Enquiry	0129-4259000 (30 Lines)
Dean Students Welfare- MRIIRS	0129-4198335	SFC & Alumni Connect	0129-4198480/ 4198499



**KOTA:** Plot No. 117, Opposite Allen Sankalp, Old Rajiv Gandhi Nagar, Kota, Rajasthan. Phone: 0744-2414066, Email ID: kota@mrei.ac.in

**CHANDIGARH:** SCO -144-145, 4th Floor, 403 Sec. 34-A, Chandigarh. Phone: 0172-4643366, Email ID: Chandigarh@mrei.ac.in

**DELHI:** 1007, 10th Floor, 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. Phone: 09864078779, E-mail ID: guwahati@mrei.ac.in

**INDORE:** 303, TBC Tower Near Ather Space Showroom AB Road, Geeta Bhawan Indore, MP. Phone: 0731-4050399, E-mail ID: indore@mrei.ac.in

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