



MANAV RACHNA INTERNATIONAL UNIVERSITY
(Deemed to be University)

Admission Brochure AY 2016-17

Details of List of Programmes offered

Page No. 93 to 99



MANAV RACHNA INTERNATIONAL UNIVERSITY

(Deemed to be University under Section 3 of the UGC Act, 1956)

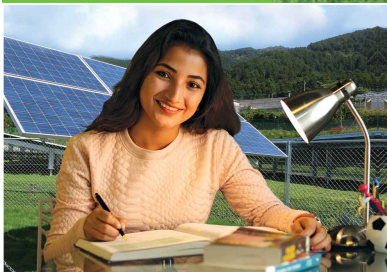
(NAAC Accredited 'A' Grade)

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INNOVATING BRIGHT MINDS
TO INHERIT THE FUTURE



ADMISSIONS OPEN SESSION 2016- 17

MANAV RACHNA INTERNATIONAL UNIVERSITY

'DEEMED-TO-BE-UNIVERSITY' UNDER SECTION 3 OF THE UGC ACT, 1956
NAAC ACCREDITED 'A' GRADE UNIVERSITY

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Manav Rachna carries forward the mantle of excellence and professionalism with the philosophy of Manav Rachna

“Vidyantariksha”.

This 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 of Manav Rachna becomes “the reality of inner vision or root of all knowledge”.



THE VISION FLOWERED IN THE MISTS OF TIME...
THE FRAGRANCE CONTINUES...



Dr. OP 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, honorable 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...



The Manav Rachna Panorama

1600

students placed
in the last one year.

17

are the countries from
which MREI students
arrive.

15

academic collaborations
with leading global
universities.

500

top-rated MNCs and
Indian corporates
have been regularly
patronising us.

242

articles/granted papers
3100+ research articles
in 18 international
National Journals.



Hon'ble Union Minister for HRD, Gol, Smt Smriti Zubin Irani unfurls the National Flag at the MREI campus on the occasion of International Women's Day (8th March, 2016) amidst much jubilation.

GLORIOUS RECORD OF PLACEMENTS, SUCCESS AND KNOWLEDGE

Across a journey of 19 years, 45,000 + students, including an alumni base exceeding 17,000 students have been seen walking the MREI corridors of knowledge. With 14,000+ on-campus placements, more than 500 reputed MNCs and Indian corporates have been regularly patronizing MREI for student training and placement, all these years.

AN ARRAY OF ACCREDITATIONS MRIU

- Manav Rachna International University, 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 University in the premier league of the top-rated universities of the country.
- The National Board of Accreditation (NBA) has accredited MRIU for its B.Tech - Mechanical Engg., Computer Engg. and Electronics & Communication Engg (2004-2007). It has also provided accreditation for B.Tech - Mechanical Engg., Computer Engg, Information Technology, Electronics & Communication Engg (2007-2010). Accreditation has also been granted by Tata Consultancy Services, Maruti Suzuki Limited, HCL Technology, L&T InfoTech, Campus Connect Programme of Infosys and Partnership with EMC Corporation for training on Cloud Computing, Data Storage and Data Mining.
- AUCKLAND INSTITUTE OF STUDIES (AIS), Auckland, New Zealand provides NZQA Accredited Diploma, UG and PG level Programmes. It has partnered with MRIU to provide curriculum and accreditation support for BBA-(Global)IB and B.Sc.-I.T. programmes.

- MRIU is a designated NATA (National Aptitude Test in Architecture) Centre. The B.Arch programme at MRIU is approved by Council of Architecture.

- Manav Rachna International University is a member of the Association of Indian Universities (AIU).

MRU

Manav Rachna University (erstwhile Manav Rachna College of Engineering has been accredited by the NAAC as an 'A' Grade Institution). TCS has accredited the Institute and opens the placement season in campus. The institute has been designated as nodal centre for virtual lab by NHRD, Government of India and Nodal Centre for National Entrepreneurship Centre.

MRDC

Manav Rachna Dental College (MRDC) has also been accredited by NAAC with 'A' Grade- making it the 1st Dental College in Haryana to achieve this distinction.

STUDENTS FROM ACROSS THE GLOBE AT MREI

Manav Rachna Educational Institutions attracts students from all across the country and abroad. Currently, it has students from almost all States/Union Territories in India and 17 countries.

242 FILED PATENTS, 3000 PUBLISHED RESEARCH PAPERS

MREI is focused on R&D and academic excellence with 242 patents filed/granted and more than 3000 published research papers in International / National journals. 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.

SHEDDING LIGHT ON GOING GREEN

ecosmart
CAMPUS



AWARD WINNING PARTICIPATION IN INTERNATIONAL/ NATIONAL COMPETITIONS

MREI students routinely participate in prestigious International/ National Project Competitions, winning numerous awards. These include Accenture Innovation Jockey, Microsoft Youth Spark Challenge, Microsoft Apps for Office Challenge, Best New Concept Car BAJA SAE India, Auto Mall Expo, Formula SAE India, Intel India Embedded Challenge, Formula Student Germany, Shell-Eco, World Robotics Olympiads, SUPRA SAE India and MICROSOFT IMAGINE CUP.

MRIU WOVES AT INDIA INTERNATIONAL TRADE FAIR (IITF) 2015

MRIU is a regular partner of the Government of Haryana in IITF held at Pragati Maidan every year and displays the best practices in educational institutions which include the award winning student projects. Sh. Kaptan Singh Solanki, Hon'ble Governor of Haryana and Sh. Manohar Lal Khattar, Hon'ble Chief Minister of Haryana have highly appreciated Manav Rachna's projects on display at IITF 2015 and said "such projects and innovations fulfill a huge need- they are indeed what is needed & desired in today's world".



LEADING INDUSTRY ACADEMIC PARTNERS

IBM, JBM Group, SAP SE, SuKam, KPMG, NDTV Worldwide, NIIT, Fortis Healthcare, TCS, EdGate Technologies Pvt. Ltd., Mitsubishi Electric India (MEI), R- Systems, INTEL Internet of Things (IOT), ATMEL India University Program, EMC2, CYGNUS Hospitals, Motherson Sumi, Sky testers, Small Industrial Development Bank of India (SIDBI), FICCI, PHD Chamber of Commerce, National Institute for Entrepreneurship and Small Business Development (NISBUD) and All India Management Association (AIMA) are some of our industrial associates.

INTERNATIONAL & NATIONAL CONFERENCES, SEMINARS AND WORKSHOPS

International conferences, seminars and workshops are an integral part of the grooming culture at MREI.

PROMOTING GENDER SENSITIZATION

The Faculty of Management Studies, Manav Rachna International University celebrated 'SWAYAM SIDDHA- Celebrating Being a Woman' as part of its efforts in creating awareness on gender sensitization amongst the youth in association with Sindhu Srijan, an NGO working on Women and Youth Empowerment. A galaxy of dignitaries from the Government holding important portfolios graced the month long celebrations from 12 February to 8 March 2016.

As part of the celebrations on International Women's day, on 8 March 2016, Smt Smriti Zubin Irani, Hon'ble Minister of Human Resource Development, Government of India was the Chief Guest at MREI and she hoisted a 36'x24' national flag atop a 108' tall mast to mark the celebrations.

Earlier on 26 February, 2016 as part of the Women's Empowerment programme Smt. Maneka Gandhi, Hon'ble Union Minister for Women and Child Development was the chief guest and spoke of the various initiatives her Ministry had undertaken for the safety of Women. On 3 March, 2016, Ms Lalitha Kumarmangalam, Chairperson of National Commission for Women sensitized the audience at MREI on laws governing women's rights and how necessary it was to make use of them if and when the need arose.

Additionally, a National Conference on 'Women in Media: Yesterday, Today & Tomorrow' was organized at MREI, by the Faculty of Media Studies & Humanities on 8 March, 2016 in which former Captain of Indian Women Cricket Team, Ms. Anjum Chopra, was the Chief Guest.

RAPTAM 2016

MRIU has conducted workshop on Recent Advancements in Photovoltaic Technology and Materials (RAPTAM-2016) on 17 February 2016. The aim of this workshop was to apprise the budding engineers, researchers and academicians about the worldwide energy crisis and to think about the appropriate utilization of the energy resources on the earth for the sustainable developments and pave a way for latest technology and development in PV for young researchers.

BOOK LAUNCH: 'NEWS ANCHORS... THE FACE OF THE NEWS'

A book written by well-known News Anchors Dr. Praveen Tiwari & Ms. Archana Tiwari has been brought out in association with the Faculty of Media Studies and Humanities (FMeH), Manav Rachna International University and was launched on 13 February 2016. This was a historical and a rare moment when news anchors from all the leading channels of India congregated at one place. Mr. Umesh Upadhyay, President Reliance Jionet & Editor ZEE News was the Chief Guest on the occasion.

and International Business Opportunities' in February 2016. The aim of the programme was to sensitize students towards export awareness and encourage them to take on exports as a viable option. The Seminar was graced by Dr Amiya Chandra, Joint DGFT, CLA, Govt. of India, as Chief Guest.

TECHNOLOGICAL INTERVENTIONS FOR THE REVIVAL OF BADHKAL LAKE

Considering the historical factor and the tourism, revitalization of Badkhal Lake is very essential and it may be treated as National Development Activity. In this regard, a taskforce comprising officials from Manav Rachna International University (MRIU) and Global Hydrogeological Solutions (GHS) with the support of the District Administration had been constituted. MRIU and GHS worked on the pre-feasibility study for the revival of the Badkhal Lake. The findings of this pre-feasibility study were presented to the District Administration in December 2015.

HARYANA WATER COUNCIL OR FORUM: A ROAD MAP FOR HARYANA TO CONSERVE ITS WATER RESOURCES

A road map for Haryana to conserve its water resources with recommendations for efficient utilization of water in cities and towns across Haryana was presented to District Administration, Faridabad with the support of MRIU. This model can be replicated



REAL ESTATE CONCLAVE 'SMART CITY FOR INCREDIBLE INDIA'

The Conclave held in February 2016 brought together thinkers, planners, practitioners, academicians, businessmen and government officials to express their latest ideas, discuss products, processes and to debate issues and challenges around themes relating to the creation of more smart cities. The occasion was graced by well known personalities in the Real Estate as well as town planning fields, amongst others.

'EXPORT AWARENESS PROGRAM- NIRYAT BANDHU SCHEME & INTERNATIONAL BUSINESS OPPORTUNITIES'

EEPC INDIA and DGFT, Govt. of India organized an informative seminar 'Export Awareness Program- Niryat Bandhu Scheme

across the country. With this in mind, the 'Haryana Water Council or Forum' has been constituted in December 2015. This forum will be a state level multi-stakeholder platform. The mission of this forum would be to promote awareness, build commitment and trigger action on critical water issues at all levels.

APCESS-2015

In the year 2015, Manav Rachna International University, Faridabad and Asian Council of Exercise and Sports Science organised the 7th Asia Pacific Conference on Exercise and Sports Science 2015 (APCESS 2015). Organized for the 1st time in India, the conference was supported by the Sports Authority of India. As many as 900 delegates from 41 countries deliberated on the theme 'Inter-disciplinary Applied Approach to Health and Performance Enhancement through Sports Science'.

ICSCTI-2015

The Department of Electronics and Communication Engineering, FET, Manav Rachna International University organized "International Conference on Soft Computing Techniques and Implementations (ICSCTI-2015)" in October 2015 technically supported by IEEE and academically supported by Centre for Soft Computing ISI Kolkata and Soft Computing Research Society. The conference was financed by Ministry of Statistics and Programme Implementation. More than 200 participants and research scholars from various institutes participated in the 3-day conference.

International workshop 'Chemistry for Tomorrow's World' was organized on 02 & 03 December 2015 by MRU in collaboration with Green Chemistry National Chapter (GCNC) & Shiv Nadar University. It was sponsored by Indian Oil R & D Centre and Royal Society of Chemistry, London.

A two-week AICTE sponsored Faculty Development Programme on Solar Radiations: Green options for Future was organized by MRU in May 2015.

MRU is an active member of International Steering Committee-Smart cities in smart regions 2016 conference being organized by Lahti University of Applied Sciences, Finland (May 2016).

CHAPTERS FOR TOTAL PROFESSIONAL DEVELOPMENT OF STUDENTS

MRU has student chapters of reputed Professional Bodies for all round professional development of students which include American Society for Quality (ASQ), Institute of Electrical & Electronics Engineers, USA (IEEE), Institute of Electronics & Telecommunication Engineers, India (IETE), Institution of Engineers (India), Indian Society of Technical Education (ISTE), Society of Automotive Engineers (SAE), American Society for Heating, Refrigeration and Air Conditioning Engineers (ASHRAE), American Society of Mechanical Engineers (ASME), National Human Resource Development Network (NHRDN).

With a focus on training students in engineering hard skills, technology and soft skills, MRIU holds Institutional Memberships of various Industry Associations including CII, FICCI, Quality Council of India, & Faridabad Small Industries Association (FSIA).

CONSISTENT TOP RANKINGS ACROSS INSTITUTES

- Times of India has ranked Faculty of Management Studies, Manav Rachna International University among the top 50 Business Schools in India and amongst top 15 in North India in 2015.

- Manav Rachna College of Engineering (now MRU) has been ranked among the Top 30 Engineering institutes across the country (closely behind all the IITs, NITs and BIT) by the Times of India (June 16, 2015). This ranks MRCE at No. 9 among Engineering Institutes in North India. The survey has also ranked MRCE at No. 10 among the Private Engineering Colleges across the country. Careers 360 magazine has assigned a AAA rating to FET, MRIU and to MRCE (now MRU).

- As part of Careers 360 Regional B-School Rating, Faculty of Management Studies, Manav Rachna International University secured AAA+ rating as part of Haryana state & AA+ rating from Delhi-NCR. Manav Rachna College of Engineering(now MRU) also secured AAA rating from Haryana state as part of the same rating.

- In the Business Today B-School rankings, Faculty of Management Studies, MRIU was ranked 14th on Future Orientation all across India (IIMs and other top institutes are also a part of the ranking).

- Faculty of Management Studies, MRIU was given a 5 star rating in the Pioneer B-School special edition. MRIU was also Ranked No.3 in the Students' Most Preferred B-schools offering Management Education.

- The Pioneer special edition on June 5, 2014 ranked Manav Rachna Dental College among India's Top 10 Private Dental Colleges.

- The Faculty of Engineering & Technology (FET) has been ranked by India Today among the Top 5 Emerging Engineering Colleges in the country. As per the factual score in the survey, FET stands at No.3.

- Manav Rachna students have a legacy of representing the country at Microsoft Imagine Cup International Finals for the last 5 years. MREI team won the national finals of Microsoft Imagine cup 2015 and bagged the prestigious honour of representing India at the world finals of the competition in Seattle, USA. MR teams won the top prize in Gaming and Innovation categories and Third prize in World Citizenship category.





- Manav Rachna International University has been ranked amongst 30 top Private Universities in the survey by Careers 360 magazine in 2015.

- Manav Rachna students won the Microsoft Youth Spark Challenge 2015. The rewards include an amazing leadership-development trip to Nicaragua, scholarship to turn ideas into reality and opportunity to serve as a Microsoft YouthSpark Advocate from India.

- Manav Rachna students were selected as National Finalists and represented India in the World Skills Competition 2015 held in Sao Paulo, Brazil. Candidates selected went through a rigorous training via NASSCOM & NSDC to prepare them for the grand finale held in Brazil.

- Students from MREI scored big at the Accenture Innovation Jockey 2015 for the second time in a row. Out of the top 16 teams and 250 entries, 4 teams were from MREI. Two projects developed by MREI students also won the 'Popular Ideas' award. Our students also emerged winners at the 'Cognitive Computing and Internet of Things' category and won the Coveted Grand Prize in Accenture Innovation Jockey Competition-2014 powered by Yahoo India.

ASSOCHAM AWARDS GALORE

Manav Rachna International University was crowned by ASSOCHAM in 2015 with 'ASSOCHAM - National Education Excellence Award 2015' for the 'Best University serving Social Cause' in recognition of the consistent CSR activities undertaken by MRIU under the aegis of Dr. O P Bhalla Foundation. Earlier, MRIU was also felicitated with the 'ASSOCHAM - Education Excellence Award 2014' for the 'Best Private University for Research Promotion & Innovation in India'.

MRIU has also been conferred with ASSOCHAM award for 'University with Best Placements in India' by ASSOCHAM & Education Post.

In February 2016, MRIU has been bestowed with the National Excellence Award for 'Best University for promoting Industry-Academia' interface by ASSOCHAM.

MAKING A DIFFERENCE, TRANSFORMING LIVES

Committed to Founder Visionary Dr O.P. Bhalla's ideals of nation building, Dr O.P. Bhalla Foundation, a trust with philanthropy as its sole objective under the banner of Manav Rachna Educational Institutions (MREI), has been carrying forward the philanthropic vision and rich legacy of Dr. O.P. Bhalla through a series of CSR activities. Through Skill Development workshops, the Foundation has been providing youths with the necessary skills for a livelihood, through the "Say No to Polythene" pledge. Manav Rachna International University became the first University of Haryana to be polythene-free. Students of MREI made creative carry bags with used old T-shirts which were subsequently distributed in order to spread ecological awareness. The Foundation is also working towards improving Gross Enrolment Ratio (GER) for higher education in Faridabad. The *Ek Muthi Daan* campaign (a movement where no one sleeps hungry), Community Health Camps, Mega Blood Donation Camps, *Swachh Bharat Swasth Bharat Abhiyaan*, Waste Management, Maintenance of the World's Tallest Tiranga to honour and uphold the nation's pride and honour, or even supporting the *Beti Bachao Beti Padoo* campaign, are examples of the exemplary work undertaken by the Foundation. Very recently, a Skill and Health Development centre has been set up for the benefit of people of Mohna village.





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 and 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.

CHIEF PATRON'S MESSAGE



Welcome!

MREI is one of the top names in higher professional education and a recognised leader in research and scholarship at the graduate and postgraduate level across an enormous range of both disciplinary and interdisciplinary fields. It is no wonder then, that we attract students and faculty who are among the most outstanding scholars. We enjoy a salubrious climate and a natural environment of vigorous and inspiring greens.

Our educational requirements are such that we can provide our students the innovative training they need to ensure and promote the health and well-being of individuals and populations alike. Our students eventually become professionals and recognised researchers highly sought after by top employers and the world.

We strive for perfection, and our innovative teaching methods and state-of-the art research programmes are gaining us a place among leaders.

If you are already here, or are committed to join us, you are warmly welcome, and I encourage you to explore the many opportunities for engagement with us. Do consider joining us in creating the rich intellectual and cultural life that we offer. Yes, when you choose MREI, you choose excellence and invest in a great future.

I look forward to having you here!

Ms. Satya Bhalla
Chief Patron



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.

MREI attracts students from almost all states/ union territories in India and other countries. The array of institutions have been crowned with accreditations for varied programmes in higher education. Manav Rachna International University is a highly coveted National Assessment and Accreditation Council (NAAC) accredited 'A' Grade University with a 'Deemed-to be-University' Status. Manav Rachna University, formerly MRCE (NAAC accredited 'A' Grade Institution) is declared as State Private University. Manav Rachna Dental College is a NAAC Accredited 'A' Grade Institution. All institutions are in the ivy league with accreditations from professional bodies, benchmarked as NAAC 'A' grade, while the Manav Rachna International Schools have CBSE affiliation and AdvancED USA accreditation. At MREI, 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.

Our 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.

Across a journey of 19 years, 45,000 plus students, including an alumni base exceeding 17,000 students have been seen walking MREI's corridors of knowledge. Also, more than 500 reputed MNCs and Indian corporates have been regularly patronising MREI for student training and employment, with 14,000 plus on-campus placement, over the years.

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

PRESIDENT'S MESSAGE



MREI is an academic powerhouse. Excellence in teaching, research and community service is what drives our community of scholars every day. We're proud of our successful alumni and honoured to nurture the future generation of scientists.

Located in uptown Faridabad, with a view that captures the breathtaking beauty and verdant expanse, our campus is a haven of natural splendour. Green space is bountiful and the campus is well laid out and easily accessible. The institutions are housed in architecturally-pleasing buildings on campus.

We provide the best opportunity to become a professional. With an emphasis on critical thinking skills, our solid curriculum can prepare students for the professions in India or abroad. We are proud to offer top-notch academic programmes. Future programme growth and development is facilitated via the important research and teaching partnerships we have formed with like-minded law institutions across the globe.

Our students are well positioned for success given our proximity and approach to corporates. Our faculty is among the finest scholars, and their work is cited by one and all. Our staff is the epitome of professionalism. Our students continue to be exemplars of the values of leadership and social commitment that have laid at the core of our ethos since our foundation.

Moreover, we offer opportunities where students can earn academic credit and experience in placements. Finally, our academic programmes expose students to scholars from around the world and also allow them to engage in a variety of internships. Our professional undergraduate and graduate programmes are designed to inspire our students to excel and to contribute meaningfully to their societies.

Welcome! This is an exciting time. It is a time of change, challenge and success for faculty, students, alumni and friends alike! Whether you're looking to begin a degree or expand on an existing one, I encourage you to join MREI.

Dr. Prashant Bhalla
President

VICE PRESIDENT'S MESSAGE



"Curiosity drives us, information fuels us and community keeps us together."

MREI inspires students to make a difference through a unique collection of programmes tailored to varied professions. With high-quality curriculum that explores connections across disciplines, we identify a blend of linkages for students and faculty to create new paths for education and practice. Our partnerships with the community open up new and exciting avenues that increase access and opportunity, enhancing the overall student experience. We are dedicated to staying connected with industry and the community to inform our decisions and keep our programmes relevant. We seek to continuously improve our existing programmes while looking for opportunities to expand our offerings. Not only do we want our graduates to access vibrant careers, but we provide experiences that allow them to become leaders, mentors and visionaries.

Here, students experience a culture of cooperation and commitment where award-winning faculty, staff and managers work as a team with the talent to create inspiring learning possibilities. A guiding principle for this collaboration - integrating people, groups, organizations and ideas that all become part of our innovative and holistic approach to education and research. It is this mindset that nurtures our optimism and forward-thinking community, together.

We create high quality, accessible and relevant learning opportunities. We are dedicated to helping students, faculty and staff reach new levels. Our objective is to push the limits of our imagination and be leaders in our fields. Our innovative spirit and quest for high quality learning combined with the ability to think ahead of the curve has always been our strength and, more than ever, is how we are known today.

Curiosity drives us, information fuels us and community keeps us together. I encourage you to consider launching your future with MREI. Come, be at the forefront of change and at the forefront of tomorrow.

Dr. Amit Bhalla
Vice President

The MANAV RACHNA UNIVERSE

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 UNIVERSITY

Manav Rachna International University (MRIU), a NAAC accredited 'A' grade university, is a continuum of excellence from the Career Institute of Technology and Management (CITM), and was granted 'Deemed-to be-University' Status under section 3 of the UGC Act 1956, as Manav Rachna International University, 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 & TECHNOLOGY

B. Tech (4 year): Aeronautical Engg. Automobile Engg, Civil Engg. Computer Science and Engg., Computer Science & Engg. with specialization in Cloud Computing, Business Analytics & Optimization, Cyber Security & Forensics, Graphics and Gaming Technology all in association with IBM, Electronics & Communication Engg, Electrical & Electronics Engg., Mechanical Engg., Mechanical Engg. (Industry Integrated) in association with JBM, Biotechnology.

B. Tech-Lateral Entry (3 year): Aeronautical Engg. Automobile Engg, Civil Engg., Computer Science and Engg., Computer Science & Engg. with specialization in Cloud Computing, Business Analytics & Optimization, Cyber Security & Forensics all in association with IBM, Electronics & Communication Engg., Electrical & Electronics Engg., Mechanical Engg. Mechanical Engg. (Industry Integrated) in association with JBM, Biotechnology

M. Tech Programmes (2 year): Biotechnology, Mechanical Engg. with specialization in Industrial Engg., Electronics and Communication Engg. with specialization in Communication Systems/ VLSI Design & Embedded Systems, Computer Engineering with specialization in Computer Networking, Electrical Engg. with specialization in Power Systems and Electrical Drives, Civil Engg with specialization in Structural Engineering/ Transportation Engineering/ Construction Management, Data Analytics.

M.Sc. Biotechnology

NOTES:

- B.Tech - Computer Science & Engg. with specialization in Cloud Computing, Business Analytics & Optimization, Cyber Security & Forensics, Graphics and Gaming Technology all in association with IBM a well known multi-national conglomerate having a turnover of more than US\$ 100 billion and worldwide business in computer hardware/software, IT services and consulting. IBM has developed specialized modules in the above mentioned and other domain areas in consultation with IT industry to enhance employability skills of Engineering/ Management Graduates. These include Learning Management System, Student Project, Expert Lectures from Corporate, visits to software development and testing centers etc. FET students enrolled in these programmes shall be extensively exposed to professional environment and industrial experience under the mentorship of academic and IT Industry experts. IBM shall also issue certificates for various modules after successful completion in addition to MRIU Degree.
- B.Tech Electrical & Electronics Engg. India's largest power solutions Company which has presence in 90 countries worldwide. Su-Kam shall facilitate opportunities for students for industrial visits, industry integrated projects and six months internship.
- B.Tech - Mech Engg. (Industry Integrated Programme) is jointly offered with JBM Group of Industries in which academic delivery shall also be made by Industry Experts in 3rd and 4th year. Programme includes 6 months structured industrial training in selected industries and assured placement in specified industries with minimum package of Rs. 3 Lac per annum subject to fulfillment of certain conditions. Letter of Intent in this regard is issued at the time of admission.
- Other student exchange/ internships are also available for students.



FACULTY OF MANAGEMENT STUDIES

- **Master of Business Administration** (with Dual Specialization-Finance (in collaboration with KPMG), Media Management, Marketing, Human Resource, International Business (in collaboration with Edinburgh Napier University), Business Analytics (in collaboration with IBM), Information Technology, Education System Management, Retail Management, Real Estate Management, Event Management, Energy Management, Sustainable Development, Disaster Management, Agri-Business Management, Sports Management, NGO Management & Operations, Societal & Community Service Management)
- **Master of Arts - Applied Psychology (2 Year)** with specialization in 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

- **Bachelor of Arts - Applied Psychology (3 Year)**
- **B.Sc.- Hospitality and Hotel Administration (3 Year)**

FACULTY OF APPLIED SCIENCES

Bachelor of Physiotherapy (4½ Year)
Bachelor of Science - Nutrition & Dietetics (3 Year)
Master of Physiotherapy (2 Year)
 (Musculoskeletal, Neuro, Cardio Pulmonary, Sports)
Master of Science - Nutrition & Dietetics (2 Year)



FACULTY OF COMPUTER APPLICATIONS

Bachelor of Computer Applications (BCA) (3 Year)
 Bachelor of Science - Information Technology (3 Year) *
 Master of Computer Applications (MCA) (3 Year)
 Master in Computer Applications (MCA) -
 Lateral Entry (2 Year)

NOTE

*AUCKLAND INSTITUTE OF STUDIES (AIS) Auckland, New Zealand is a unique tertiary institution providing UG and PG level Programmes. It also provides the largest MBA programme in New Zealand. AIS has partnered with MRIU to support the delivery of NZQA-accredited Programmes in Information Technology within the B.Sc.- IT degree.

FACULTY OF MEDIA STUDIES & HUMANITIES

BA- Journalism and Mass Communication (3 Year)
 MA- Journalism and Mass Communication (2 Year)
 Bachelor of Arts (Hons.) - English (3 Year)
 Master of Arts - English (2 Year)

NOTES

FMeH has an MOU with NDTV Worldwide: The Broadcast Media Consultants have been conducting workshops on various aspects of broadcast journalism for both the programmes of B.A. and M.A- Journalism and Mass Communication. These will be keeping in view the current technology trends, innovations in journalism and up-to-date workflows for news television. They shall comprise reporting, anchoring, breaking news, news production and the role of a producer, different departments of a news channel, writing for television news, the newsroom scenario, operations- live PCR / camera/ editing /technical overview of modern television newsrooms and Digital Media.

FACULTY OF COMMERCE & BUSINESS STUDIES

Bachelor of Business Administration (BBA) General (3 Year)
 Bachelor of Business Administration (Global) International Business (3 Year)
 Bachelor of Arts (Hons.)- Economics (3 Year)
 Bachelor of Business Administration (BBA) Banking (3 Year) (Assured placement in banks after successful completion and subject to fulfilling the minimum benchmarks. NIIT experts shall deliver academic content related to banking and outsourcing fundamentals)
 Bachelor of Commerce (Hons.) -Industry Integrated (3 Year)
 Bachelor of Commerce (Hons.) (3 Year)
 M.Com (2 Year)

NOTES

B.Com (Hons.) - Industry Integrated Programme includes KPMG Course for Accounting Professionals (KCAP) to be delivered by KPMG Experts with 100% placement assistance with a package of about Rs. 3 Lac per annum.

B.Com (Hons.) is similar to B Com (Hons)-Industry Integrated except that it excludes KCAP subjects.

AUCKLAND INSTITUTE OF STUDIES (AIS) Auckland, New Zealand is a unique tertiary institution providing UG and PG level Programmes. It also provides the largest MBA programme in New Zealand. AIS has partnered with MRIU to support the delivery of NZQA-accredited Programmes in International Business within the BBA (Global)- IB degree. Student studying in this programme may enroll in 2nd / 3rd year for which they get the credit transfer facility for the credits earned at MRIU.

FACULTY OF PLANNING AND ARCHITECTURE

Bachelor of Architecture (B.ARCH) (5 Year)
 Bachelor of Science- Interior Design (3 Year)
 B.Arch is approved by Council of Architecture. MRIU is an approved NATA Centre.

Besides Undergraduate and Postgraduate Programmes as mentioned, all Faculties offer Doctoral Programmes leading to Ph.D. Degree.



MANAV RACHNA UNIVERSITY

Erstwhile Manav Rachna College of Engineering established in 2004 accredited by 'National Assessment and Accreditation Council' as 'A' Grade Institution, and also accredited by the National Board of Accreditation Approved by AICTE and Directorate of Technical Education, Govt. of Haryana, Affiliated to MDU, Rohtak, now Manav Rachna University vide Haryana Act 26 of 2014 of the Haryana Private Universities (Short Title Amendment) Act 2014.

B.Tech. (4 year): Computer Science and Engineering*, Mechanical Engineering, Electronics & Communication Engineering and Information Technology*

*In association with iCarnegie, a subsidiary of Carnegie Mellon University, Pittsburgh USA in the form of inclusion of the Software Development programme (SGP) in B.Tech CSE and B.Tech IT curricula.

B.Tech. Lateral Entry (3 year): Computer Science and Engineering, Mechanical Engineering, Electronics & Communication Engineering and Information Technology

M.Tech. (2 year): Computer Engineering, Electronics & Communication Engineering and Mechanical Engineering

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

M.Sc. (2 year): Physics, Chemistry and Mathematics

BBA (Health Care Management) (3 year) in association with Cygnus Hospitals.

BBA (Accounts & Finance) (3 year)

BBA (Entrepreneurship & Family Business) (3 year)**

Master of Business Administration (Executive) Dual Specialization (2 year - weekend Programme-Sat & Sun)

Note: Option to study and complete one year for award of PGDBA (Post Graduate Diploma in Business Administration) and complete MBA within next three years

Master of Business Administration in Real Estate (2 years) with specialization in:

(a) Real Estate, Infrastructure and Land Management

(b) Construction Management

Note: In association with Royal Agricultural University (RAU), UK, a RICS (Royal Institute of certified surveyors), UK, Certified Programme.

Master of Business Administration in Sports & Events Management (2 year)

Master of Business Administration in Negotiation & Diplomacy Skills (2 year)

Master of Business Administration in Entrepreneurship & Family Business (2 year)**

**In association with UpGrad (Online Higher Education Platform) as Knowledge Partner. UpGrad is an Online higher education platform providing rigorous industry relevant programs for professionals in an engaging learning environment. It empowers individuals to reach their full professional potential in the most engaging learning environment by collaborating with academia and corporates to create state-of-art online programmes focused on new age skill sets for working professionals.

B.Ed.* (2 year)**

Integrated B.A, B.Ed.* (4 Year)**

Integrated B.Sc. B.Ed.* (4 Year)**

Note*** NCTE Approval is in progress.

Ph.D Engineering, Management & Applied Sciences.



MANAV RACHNA DENTAL COLLEGE

Manav Rachna Dental College (MRDC) established in 2006 is a NAAC Accredited 'A' grade institution, making it the first Dental College in Haryana to achieve this distinction. MRDC is recognized for BDS Degree and for MDS Degree by Ministry of Health & Family Welfare, Govt. of India and Dental Council of India and is affiliated to Pt. B. D. Sharma University of Health Sciences, Rohtak.

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 contribution 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

Master of Dental Surgery

Oral Medicine & Radiology, Oral Pathology & Microbiology, Prosthodontics and Preventive Dentistry, Pedodontics and Preventive Dentistry, Orthodontics & Dentofacial Orthopedics, Periodontology, Conservative Dentistry & Endodontics



MANAV RACHNA INTERNATIONAL SCHOOLS

In the school education arena, MRIS has expanded to a network of seven schools across Faridabad, Gurgaon, Noida & Ludhiana. MRIS provide an educational experience that promotes innovation, creativity, global perspectives, and critical thinking. Students are able to explore and learn beyond the classroom with academic excellence and achievement, world-class sports infrastructure, a vibrant community, leadership and service opportunities. The schools are dedicated to inspiring each student, the pursuit of knowledge, the love of wisdom, an appreciation for beauty, and the development of strong character, orchestrating a holistic educational journey. MRIS schools are affiliated to CBSE, with accreditation from AdvancED, USA and academic collaboration with Paragon, USA, iCarnegie, USA and International Primary curriculum (IPC™, UK). Paragon is a humanities based online curriculum based on world history, geography, arts, literature and culture from ancient to the modern world. iCarnegie is a subsidiary of Carnegie Mellon University and MRIS offer a Robotics and Gaming based curriculum. The schools have consistently attained high rankings in surveys by various organizations. MRIS students have achieved award winning participation in prestigious international/ national project competitions, winning awards and laurels galore.

KUNSKAPSSKOLAN

Kunskapsskolan is a joint venture between Kunskapsskolan, Sweden and Manav Rachna Educational Institutions with a "Glocal" curriculum based on CBSE as well as IGCSE. It is part of a global network of schools in Sweden, UK and USA, with personalised learning at its core. Kunskapsskolan has two operational schools in Gurgaon, named Kunskapsskolan Gurgaon and Kunskapsskolan International. A new school has recently been opened in Lucknow and a fourth school is scheduled to come up in Bengaluru.



MRIU ACADEMIC RELATIONSHIPS & KNOWLEDGE PARTNERS & INTERNATIONAL TIEUPS



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.

University of Teesside, UK: MRIU has signed an articulation agreement with Teesside University for Master of Physiotherapy whereby students would be able to pursue M.Sc in Physiotherapy with 60 credits advantage at Teesside University.

Leeds Metropolitan University (UK) has a campus in Headingley and is the 15th largest in Britain. Today it is one of the most popular universities in the UK, with over 28,200 students. MRIU has entered into an agreement with Leeds for faculty and student exchange and development. Other common areas of interest identified are in the field of research and including rehabilitation, nutrition and health.

Algonquin College, Ottawa, Canada, 2nd largest public institution in Canada, has partnered with MRIU 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.

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 MRIU to provide curriculum and accreditation support for BBA(G)-IB and B.Sc. -IT Programmes.

Hiram College, Ohio, USA established in the year 1850 has tied-up with MREI for Student and Faculty Exchange Programmes, summer internship and project work.

Edinburgh Napier University (ENU) is a public university in Edinburgh, Scotland. It has over 17,000 students, including nearly 5,000 international students, from more than 100 nations worldwide. Edinburgh Napier offers subjects including engineering, computing, nursing and midwifery, science, business courses, timber engineering and transport studies. It offers a range of creative courses, including film, graphic design, acting, publishing and product design. ENU ranks amongst the best five Universities in Scotland. Edinburgh Napier University, UK faculty will conduct 3 modules namely Building High Performing Organisations, Marketing within the Global Economy, Management and Organisational change in respect to MBA with specialization in International Business of MRIU.

Tsukuba University, Japan, established in the year 1973 as Tokyo University of Education in Tsukuba has partnered with MRIU for student and faculty exchange and research and development programmes.

University Sains Malaysia (USM), established as the second university in the country in the year 1969, offers undergraduate and postgraduate Programmes in various professional disciplines. USM and MRIU have signed an agreement for student and faculty exchange and joint R&D Programmes.

Universiti Pendidikan Sultan Idris or Sultan Idris University of Education (UPSI) is a Public Institution of Higher Education (IPTA) which plays an important part in the history of Malaysian education. UPSI and MRIU are undertaking joint research projects and faculty and student exchange Programmes.

Bangladesh Institute of Sports Sciences (BISS) is promoting excellence in Sport and Physical activities, and exercise sciences and sports medicine for public health and athletes/sportsmen. Their vision is to develop a professional body to lead with excellence in sport sciences and sports medicine through evidence-based practices. BISS and MRIU have signed an agreement for student and faculty exchange and joint research projects.

Missouri State University, a public university located in Springfield, Missouri, USA and founded in 1905, has signed an MOU with MRIU for Student and Faculty Exchange and joint R&D Projects.



Lahti University ranked in Top 22 Univ. in Finland



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



Largest Pvt Education Provider
Largest MBA program in New Zealand





University of Texas, Arlington, USA is a State owned University. It has an enrollment of 33,500 students and is the second largest institution in the UT System and the 6th largest in Texas. The University has signed an MOU with MRIU for Student and Faculty Exchange, and joint R&D Projects in the field of Engineering and Technology and Management.

Gerlev Physical Education and Sports Academy, Denmark Manav Rachna International University, Faculty of Applied Science has associated with Gerlev Physical Education and Sports Academy, Denmark., a pioneer in developing and creating excitement about movement and outdoor sports. Both the organizations would facilitate the Exchange of faculty, researchers, students and scholarly publications and jointly design study programme in sports and health sciences.

UpGrad is an Online higher education platform providing rigorous industry relevant programs for professionals in an engaging learning environment. It empowers individuals to reach their full professional potential in the most engaging learning environment by collaborating with academia and corporates to create state-of-art online programmes focused on new age skill sets for working professionals.

In addition to above tie-ups, Manav Rachna Educational Institutions have tie ups with a number of other Academic and knowledge partners as given in succeeding paragraphs:

Royal Agricultural University, School of Real Estate and Land Management (RELM), UK has partnered with Manav Rachna for cutting edge pedagogy delivery for its MBA Programme which provides the students an opportunity to study in the UK and earn a Postgraduate Certificate (PG Cert). Founded in 1845, the Royal Agricultural University (RAU) has a long-standing, global reputation in education, research and consultancy. Today, the RAU is a vibrant, forward- thinking, international community, with more than 1, 200 students from over 45 different countries currently studying at the historic campus. The university has impressively high graduate employment rates with 93% of postgraduates in employment or further study within six months of leaving, placing the RAU in the top 10% in the UK.

The School of Real Estate and Land Management has an outstanding reputation for quality teaching, and boasts excellent links with industry. Practicing professionals and Industry leaders regularly contribute to lectures, tutorials and study visits to help students develop strong commercial awareness.

University of Tennessee, is a public land-grant university headquartered in Knoxville, Tennessee, United States. MRU has tie ups with Tennessee University on projects related to sustainable environment whereby students from Tennessee University and Manav Rachna University collaborate to tackle social issues on sustainable environment to have cleanliness drive. Student exchange program is a part of the project.

iCarnegie, a subsidiary of Carnegie Mellon University, Pittsburgh USA and MREI have signed an MOU to share their Learning Management System covering subjects related to Computer Engineering/ Information Technology with MRU for its students studying in B.Tech. Programmes. This association will be in the form of inclusion of the Software Development Program (SDP) in the B.Tech-CSE and B.Tech - IT curricula. The iCarnegie's teaching pedagogy can be stated in a nutshell as "learning-by-doing" which they implement by following a Project-based flipped classroom approach to teaching/ learning.

INDUSTRY AND SKILL DEVELOPMENT TIEUPS INDUSTRIAL ASSOCIATES

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 MRIU to jointly offer B.Tech. -Computer Science & Engg. with specialization in Cloud Computing, Business Analytics & Optimization, IT Infrastructure Management, Cyber Security & Forensics, Mainframe Technology, Open Source & Open Standards, Graphics and Gaming Technology. 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.



JBM Group, is, a \$1.35 billion conglomerate with interests in automobiles, engineering & design services, renewable energy and education sectors. JBM Group is a global enterprise headquartered in New Delhi, with an infrastructure of 35 manufacturing plants and 4 Engineering & Design centres across 18 locations globally. JBM is a Tier-1 component supplier to Maruti Suzuki, Mahindra & Mahindra, Honda Motors, General Motors, Ford, Fiat, Renault-Nissan, Volkswagen, Tata Motors, Toyota, Hero Moto Corp, TVS Group, Yamaha, Ashok Leyland, Volvo-Eicher and JCB. JBM Group has two listed entities, namely, Jay Bharat Maruti Ltd and JBM Auto Ltd. It is the largest Tier-1 supplier of automobile components and assemblies in India has associated with B.Tech Mechanical Engineering - Industry Integrated Programme of MRIU. JBM functional managers conducts classroom and lab training in 3rd and 4th year for specialized subjects. The students undergo 24 weeks Industry attachment and pass outs are provided assured placement in JBM Group and associate companies subject to meeting specified academic benchmarks.

SAP SE (Systems, Applications & Products in Data Processing) is a German multinational software corporation that makes enterprise software to manage business operations and customer relations. SAP is headquartered in Walldorf, with regional offices in 130 countries. SAP has partnered with Manav Rachna to establish a SAP Student Academy at the University Campus to cater to its Functional/ Technical courses on Material Management, Financial Accounting, Sales and Distribution, Human Resources and ABAP.

Su-Kam Power Systems Ltd. is India's largest power solutions company with presence in 90 countries worldwide and has a record of being the only company in this sphere to file 100 plus patents. MRIU has collaborated with Su-Kam Power Systems to run a joint programme in B.Tech Electrical Engineering (with specialization in Power Electronics) with assured placement, establishing a Centre of Excellence of Power Electronics at MRIU campus. Besides, it will provide "in field" exposure to both faculty members and students at the MRU campus in latest developments in the field of solar energy and its applications especially its commercial applications in the area of energy generation, storage and deployment.

KPMG, a world renowned Consulting company associates with MBA and B.Com-Industry Integrated Programmes. KPMG Consultants shall conduct classroom and lab training. The pass outs get preferential placements in KPMG and associate companies.

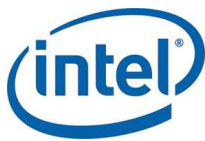
NDTV Worldwide has signed an MOU with MRIU for conducting Skill Centric Workshops for students enrolled in both programmes of B.A & M.A in JOURNALISM & MASS COMMUNICATION. Experts from NDTV Worldwide conduct 14 workshops for students in diverse areas such as Anchoring, Reporting, Breaking News, Digital Media, News Production. They also conduct sessions on the Role of a Producer, Departments of a News Channel, Writing TV News, News Room Scenario and Operations - Live PCR, Camera, Editing and provide Technical Overview of a Modern Television News Room. Students are provided certificates for these workshops by NDTV Worldwide and MRIU.

NIIT, a national leader in IT training and Institute of Finance Banking and Insurance associates with BBA Banking Programme. IFBI faculty shall conduct 375 hours classroom and lab training. The pass outs shall be absorbed in reputed private banks subject to meeting specified academic benchmarks.

Fortis Healthcare, an Asian giant having multispecialty state-of-the-art hospitals in countries has associated with MBA - Healthcare Management. All students shall have 100 days training in hospital operations and 24 weeks Hospital Attachment in Fortis hospitals.

Tata Consultancy Services (TCS), partners in multi-dimensional academic value addition programmes. TCS-MRIU Pragati Project Identifies 20 B.Tech-CSE students in the First year. The Community across 4 years will be engaged in collaborative learning in software programming, testing and project management to acquire employable skills. Further, under the aegis of TCS-LISP Relationship Programme, TCS will provide MREI students with cutting-edge professional facilities like Internship Programme, Industrial Visits, Guest Lectures and Faculty Development Programmes. This knowledge partnership shall culminate in huge value addition to our academic Programmes. TCS is the largest employer of MRIU pass outs and also provides comprehensive ERP solutions to MRIU for complete automation of academic, administrative, financial & managerial activities.





EdGate Technologies Pvt. Ltd., University Programme Partner of Texas Instruments (TI), India has signed an MOU with MRIU for setting up a joint Lab entitled "Texas Instruments Embedded System / Microcontrollers" at MRIU premises. EdGate Technologies Pvt. Ltd. will 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 and faculty development programmes in its premises for faculty members of MRIU and other Engineering Institutions to teach topics related to TI platform.

Mitsubishi Electric India (MEI) is a well-known brand and Global Leader in Electric and Electronic Equipment for Residential, Commercial and Industrial use. Mitsubishi Electric has presence across India with a large distribution channel which is expanding to more cities. Mitsubishi Electric India (MEI) offers complete solution for factory automation and industrial products, residential, commercial and industrial air conditioning, video and imaging products and provision for technical and marketing support for power semiconductors, photovoltaic modules, transportation, power systems and CNC solutions. MEI provides regular training, training material like manuals/ catalogues to the students nominated by MRIU, conducts seminars/ demonstration on Automation Technology & Products at the premises of MRIU.

R-Systems collaborates with MRIU for enriching the technical education process by providing industrial training to the students and jointly work on research based industrial projects.

INTEL Internet of Things (IOT) is a centre for higher education programme for conducting FDPs, Events, Workshops on GALILEO and EDISON platform.

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

EMC² Partners for imparting Faculty Development Programmes/workshops on latest trends of computer science especially in the field of storage area networks and related areas.

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.

In addition to above tie-ups, Manav Rachna Educational Institutions have tie ups with a number of other Industry associates and organizations as given in succeeding paragraphs.

CYGNUS HOSPITALS are Super specialty health care centers which aim to provide International Standards in healthcare to masses at affordable prices. In the short span of three years, Cygnus Hospitals have developed into a chain of 11 super specialty hospitals providing excellent healthcare. Manav Rachna University has a unique BBA-Health Care Management Programme in Collaboration with Cygnus Hospitals. This programme has been developed and designed as per the current needs of health care industry.

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.

Sky Testers helps students to learn software engineering skills on upcoming technologies and become industry ready by working on industry projects during their course.

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 and elocution competition.

The Federation of Indian Chambers of Commerce and Industry (FICCI) is an association of business organizations in India which provides a platform for networking and consensus building within and across sectors and is the first port of call for Indian industry, policy makers and the international business community. The Department of Management and Commerce at Manav Rachna University in association with FICCI attends, participates and conducts various innovation and entrepreneurship seminars and conferences.



PHD Chamber of Commerce. The Department of Management and Commerce at Manav Rachna University in association with PHD. Chamber of Commerce attends, participates and organizes various events for Skill Development.

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 and 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.

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.

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.

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

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 and 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 and online trading.

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

NSDC: The National Skill Development Corporation (NSDC), Ministry of Skill development and Entrepreneurship has signed a Memorandum of Understanding (MoU) with Algonquin Community College in areas of collaboration for skill development during the visit of Hon'ble Prime Minister of India, Shri Narendra Modi to Canada in April 2015. MREI was the Indian partner for Algonquin in this initiative. Taking this forward, the Government of Haryana (GoH) has set up State Level Skill Development Missions to provide inter-sectoral coordination at State level. In view of the larger MoU with NSDC, a MoU was also signed between the Govt. of Haryana and Algonquin College to explore many more areas of cooperation and collaboration in the automobile and construction sectors. Manav Rachna Educational Institutions play an important role in carrying forward this MoU. Under this agreement, MREI is setting up a training Centre of Excellence in the automotive and construction sectors at its campus in Faridabad.

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.

National Entrepreneurship Network has a 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.



ADVISORY

1. **Dr. Riad Abbas** - Ambassador of Syria, Embassy of Syria, New Delhi
2. **Sh. V.S. Allawadi, IAS (R)** - Former Vice Chairman, Delhi Development Authority and Chairman Haryana Power, Regulatory Commissioner
3. **Mr. M.D. Asthana, IAS (R)** - Secretary, Department of Statistics & Programme Implementation, Government of India
4. **Sh. V.P. Bajaj** - Managing Director, Bajaj Motor Ltd. And President Gurgaon Industry Association
5. **Sh. H.K. Batra** - Managing Director, L.R. Foods Pvt. Ltd., Faridabad
6. **Prof. H. Chaturvedi** - Director, Birla Institute of Management Technology, Greater Noida, U.P.
7. **Sh. Navdeep Chawla** - President, Faridabad Industries Association, Faridabad and Managing Director, Psychotropic India Ltd.
8. **Sh. Kapil Dev** - Former Captain Indian Cricket Team
9. **Mr. Robert C. Gillett** - Former President, Algonquin College, Ottawa Canada
10. **Dr. Richard Goodall** - President, A.I.S. St. Helens, New Zealand
11. **Sh. P.C. Hota, IAS (R)** - Former Chairman, Union Public Service Commission and Former Secretary Parliamentary Affairs, Govt. of India
12. **Mr. S.K. Jain** - Managing Director, Indo Auto Tech Ltd, Faridabad
13. **Sh. K.L. Johar** - Former Vice Chancellor, Guru Jambheshwar University, Hisar (Haryana)
14. **Sh. Rajiv Kapoor** - Chief People Officer, Fortis Healthcare
15. **Padmashri Dr. Prof. Pritam Singh**, Ex-Director, MDI & IML.
16. **Dr. M.L. Khurana** - (Former) Managing Director, National Cooperative Housing Federation of India
17. **Mr. KC Lakhani** - Chairman, Lakhani Armaan Group



BOARD

18. Sh. G. Madhavan, IAS (Retd.) - Former Chief Secretary Haryana & Chief Information Commissioner, Haryana
19. Sh. M.K. Miglani, IAS (Retd.) - Former Vice Chancellor, Kurukshetra University, Kurushetra and CCS, HAU, Hisar
20. Sh. Yogesh Munjal - Managing Director, Munjal Showa Ltd., Gurgaon
21. Justice (R) R K Nehru - Retd. Judge Punjab & Haryana High Court
22. Dr. Juhani Nieminen - Sr. Advisor, Lahti University of Applied Sciences, Lahti, Finland
23. Sh. Raj Singh Rathee - Managing Director, Kuka Robotics India Pvt. Ltd.
24. Sh. S.Y. Siddiqui - Chief Mentor, Maruti Suzuki India Limited
25. Justice (R) I.P. Vashishth - Former High Court Judge, Uttrakhand
26. Mr. Ravi Vasudeva - Chairman Haryana Chamber of Commerce and Industry, Faridabad and Chairman, Chamber of Indian Overseas Entrepreneurs
27. Mr. J.S. Virk - Retd. Sessions Judge
28. Dr. Anil Kohli - Former President, Dental Council of India
29. Dr. G. Vishwanathan - Chancellor, VIT University, Vellore
30. Mr. V. Ramaswamy - Global Head, SMB Division, Tata Consultancy Services
31. Mr. Gene Eidelman - Co-founder & President, Mosaica Education, USA
32. Sh. Bhaskar Chatterjee - IAS (Retd.)
33. Prof. Dr. Kuldeep Singh Dhindsa - Ex- Director General, Jan Nayak Ch. Devi Lal Vidyapeeth , Sirsa.
34. Prof. Sunil Pandey - Director, Saint Longowal Institute of Engineering and Technology, Longowal, Sangrur
35. Prof. N.K. Chadha - Professor and Head of Department, Department of Psychology, Delhi University

KEY PERSONS

Name, Qualification	Designation	Special Interests & Broad Duties	Previous Employment
 Dr. N.C. Wadhwa, IAS (Retd.), M.A. (Public Administration), Ph.D	Vice-Chancellor	Educational Planning & Administration. Chief Executive Officer of the University.	IAS(Haryana Cadre), Labour Commissioner cum Special Secretary to Government of Haryana, Dean / Director Pt. B.D. Sharma, PGIMS, Rohtak, Vice Chancellor, MDU Rohtak.
 Dr. Naresh Grover B.Sc Engg, M.Tech, Ph.D	Dean- Academics, Dean Faculty of Computer Applications	Teaching, Research, Academic Planning and Coordination, Educational Administration	Department of Technical Education, Haryana
 Dr. M. K. Soni, B.Sc Engg, M.Sc. Engg, Ph.D	Executive Director & Dean- Faculty of Engineering & Technology	Research & Development, Consultancy, Educational Administration, Teaching	Former Director, CRSCE, Murthal, Professor, HOD and Dean- NIT, Kurukshetra
 Dr. G.L. Khanna, M.Sc. (Physiology), Ph.D	Dean-Faculty of Applied Sciences	Research and Consultancy in High performance Sports, Nutrition and Physiology, Educational Administration	Former Head Faculty of Sports Sciences Sports Authority of India, Assoc Prof University of Science Malaysia Technical Expert member (Sports Sciences) Commonwealth Games Govt of India
 Dr. Chavi Sharma, MA (Psychology), Ph.D, CJMC	Dean-Faculty of Management Studies	Teaching, Research and Extension in Management Education with specialization in Human Psychology and Org. Behaviour	Professor, Amity University and Associate Fellow, CSDS
 Dr. S.K. Bedi MA (Eco.), M.Com, Ph.D (International Economics)	Dean - Faculty of Commerce & Business Studies and Director - IQAC	Quality Assurance, International Business, Managerial Economics Continuing Education Programmes, Monitoring Education quality, Doctoral Guidance.	Dean APJ School of Management New Delhi, Professor & Dean Administration IMT Ghaziabad, Professor & Director, Institute of Management Studies and Research MDU Rohtak
 Dr. Neemo Dhar B.Sc, B.A (English Lit), MA (Public Admn), Ph.D(J&MC)	Professor & Dean Faculty of Media Studies and Humanities	Strategic Communications Plans, Media Relations, Internal communications, PR Management	Advisor, Delhi Development Authority
 Prof. Ar. Jatinder Saigal B.Arch (Gold Medalist) FIIA, FIV, FICC, FICA. Master (Sust. Development) Ph.D. (Essentials for Sust. Dev.)	Dean, Faculty of Planning and Architecture Director Projects	Research Work in demystifying Vaastu. Principles of Sustainability and Energy Efficiency.	Professional Architect since 1970. Has both Academic and Professional Experience in Architecture, Arbitration and Valuation. Founder Chairman of IIA, Haryana Chapter. Chairman, Board of Examinations IIA
 Brig. S.N. Setia (Retd) M.Tech (Telecomn), MMS, PGD HRM, PGD FM, Army Technical Staff Course, National Defence College Course	Executive Director MRASC & Director Admissions	Telecommunications, All Management Subjects	Military College of Telecomm Engg. Professor & Head IT Dept. at College of Defence Management, Dean, Faridabad Institute of Technology, Faridabad
 Dr. B.S. Gill, B.Sc. (Engg), Ph.D.	Executive Director MRIIC	Heat Transfer, Pinch Technology/ Process Integration, Combustion, Fired Heaters, Fluidised Bed Boilers, Advanced Controls, Computational Fluid Dynamics and Project Management	Central Mechanical Engineering Research Institute, Durgapur, Bharat Heavy Electrical Ltd., Engineers India Ltd., New Delhi.

KEY PERSONS

Name, Qualification	Designation	Special Interests & Broad Duties	Previous Employment
 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
 Dr. Jayant Kumar Ambast M.Sc (Phy), PGDIM (Kolkata)	Industry Chair Professor, FMS, MRIU	Strategy and Planning, Operations and Implementation	Perfetti Van melle Group, Cadbury India, Glaxo India, Wockhardt Ltd
 Mr. I.K. Kilam, M.A.- Economics, M.Sc.- Applied Physics, MBA, PGDPR, CAIIB (I)	Dean Students Welfare, Director RMR 107.8	Human Resource Development, Communication Skills, Personality Development	AIR, Punjab National Bank
 Mr. KC Dadhwal, MA,	Registrar	Administration	Controller of Examination, MDU Rohtak
 Wg Cdr P. K. Sinha (Retd) B.Tech, M.Tech	Director Corporate Resource Centre	Industrial Engg	Indian Airforce, Dean, Faridabad Institute of Technology, Faridabad, SAIPEM Sp. A., Millan Italy / Shell, Dubai
 Mr. Sarkar Talwar, Graduation in sports, Level 4 Coach	Director -Sports	Sports Management	Haryana Govt., Chief coach of the Indian Jr.Cricket team (1995-2003)
 Col. Girish Kumar Sharma, B.A., M. Sc. (Defence Studies), Business Administration MDI	Director-Planning & Coordination	Business Development	Indian Army, United Nations, HealthCare, Education & Global Alliances
 Ms. Hitankshi Thukral, Executive MBA in Sales and Marketing, VMU	Deputy Director - CCC	Media Marketing, Branding and Event Management	IIMT- Gurgaon, ISBF Delhi, IILM, Gurgaon
 Ms. Shailja Naqvi, M.A (Mass Communication)	Deputy Director - RMR	Multimedia Planning, Event Management, Radio Programming & Media Teaching	India TV, Network 24, Synergy, YMediaNiti Digital
 Professor Dr. Amit Seth, Ph.D. (Aligarh Muslim University)	Professor & Head Department of Management & Commerce	Strategic Management, Skill Development and Turnaround management, Conducting MDPs, exploring 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
 Mr. Atul Kalra, PG in Advt. & PR	Director-Administration	Administration, Operations, Branding, Events	Previously employment as Director operations - Techplast India Pvt Ltd

KEY PERSONS

Name, Qualification	Designation	Special Interests & Broad Duties	Previous Employment
 Dr. Anil Sarin, M.Com, PGDM, Ph.D	Professor	Marketing, Management and Entrepreneurship	Hamdard University, Jamia Milia Islamia, Pondicherry University, NIAM-Jaipur
 Dr. Babu Ram, M.A- Maths, Ph.D	Professor	Pure Mathematics, Computing Numerical Methods	Professor & HOD - Mathematics, HOD-Computer Science and Dean-Faculty of Physical Sciences- MDU, Rohtak
 Dr. Pradeep Varshney, M.Sc., PhD	Professor & Associate Director (First Year)-FET	Composite Polymer Electrolytes for Electrochemical Batteries, Biodiesel Purification, Solar Stills	Lecturer, Delhi College of Engineering, National Physical Laboratory as Research Associate, National Taiwan University and LG-Elite Company, South Korea as Post Doctoral Fellow, School of Engineering & Applied Sciences, Delhi as Associate Professor
 Ms. Gauri Bhasin, MBA, M.Com	Head -Career Development Centre & MRCFL	Training MREI Students on Aptitude,Personality development and English	GE Capital, Dell, Franklin Templeton, Microsoft
 Dr. R. S. Tarnacha, B.Sc. Engg., M.E, Ph.D (IIT, Delhi)	Professor & HOD, Aeronautical Engineering.	Fluid Flows, Computational Fluid Dynamics Aerodynamics	Indian Air Force
 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. Sarita Sachdeva, M.Sc., M.Phil, Ph.D	Professor & HOD, Department of Biotechnology	Bioremediation, Biofuels and Environmental Biotechnology as research areas. Teaching, Academic Administration, Ph.D Programme Coordinator for MRIU.	Lecturer, KLM Degree College for Women Faridabad.
 Dr. B.K. Singh, B.E., M.E, Ph.D (IIT, Delhi)	Professor & HOD, Civil Engineering.	Structural Engineering., Construction Technology	DSIT Bangalore, DYPCE Pune, BVCOE Navi Mumbai, KESNNPCE Pen, VKA New Delhi, Al-Flah School of Engineering & Technology Faridabad
 Dr. S.S. Tyagi, B.Tech, M.S., Ph.D	Professor & HOD, Computer Science & Engineering.	Cloud Computing, Wireless security, Mobile Adhoc Networks, Computer Networks Security	Assistant Professor in LIMAT, Faridabad
 Dr. Dipali Bansal, B.Tech, M.Tech, Ph.D	Professor & HOD, Electronics & Communication Engineering	Digital Signal Processing, Bio signal Acquisition & Automated Analysis	Grapco Industries Ltd., Shriram Bearings Ltd. Apeejay College of Engineering
 Dr. Anita Khosla, B.Tech, M.Tech, Ph.D	Associate Professor & HOD, Electrical & Electronics Engg.	Control System, Power Electronics Production Engineering	Fr. Agnel Institute, New Delhi.

KEY PERSONS

Name, Qualification	Designation	Special Interests & Broad Duties	Previous Employment
 Dr. R.V. Singh, B.Sc. Engg., M.E., Ph.D	Professor & HOD, Department of Mechanical Engineering	Production Engineering	IGIT, Delhi, Al-Falah School of Engineering & Technology, Faridabad, Gold Field Institute of Technology & Management, Faridabad
 Dr. Arti Mishra, Ph.D	Associate Professor & HOD, Department of Mathematics	Real Analysis & Topology	SNGGPG Girls college, Bhopal(MP).
 Dr. Devi Singh, M.Sc., Ph.D	Associate Professor & HOD, Department of Physics	Material Science, Polymer Fibers	Central Road Research Institute (CSIR) Lecturer, Lingayas Institute of Technology & Management
 Dr. Mukta Sharma, M.Phil, Ph.D	Associate Professor & HOD, Department of Chemistry	Corrosion Chemistry	I.P. College, Delhi
 Dr. Pooja Anand, MSPT, MIAP, Ph.D (Pursuing)	Associate Professor & HOD- Physiotherapy	Exercise physiology & Sports rehabilitation.	Amity Physiotherapy College, Guru Nanak Dev University, Amritsar.
 Ms. Gurjeet Chawla, M.Sc., MBA, Ph.D (Pursuing)	Asst Professor & HOD, Department of Nutrition & Dietetics	Nutrition & Health Promotion, Community Resource Management	Faridabad Institute of Technology, Faridabad.
 Ms. Rashmi Agrawal, M.Phil, M.Tech, MBA, Ph.D (Pursuing)	Associate Professor & HOD	Data Mining, Artificial Intelligence	Faridabad Institute of Technology, Faridabad
 Dr. Jayender Verma, M.Com, Ph.D	Associate Professor & HOD (Commerce)	Accounts & Economics	Faridabad Institute of Technology, Faridabad.
 Dr. Suresh Chander Nayak, Ph. D,	Associate Professor & HOD - Faculty of Media Studies	Development Communication, Advertising	Principal, OIMSC Bhubaneswar
 Ms. Ritika, PG Diploma in PR & Marketing, B. Ed	HOD-Hotel Management	Public Relations	14 Years in Hotel Industry
 Ms. Shruti Jain Msc. Interior Design	HOD-Interior Design	Interior Design	AIFD, Chandigarh



☆☆☆ GALAXY OF ☆☆☆
MR UNIVERSE



VICE CHANCELLOR'S MESSAGE



Manav Rachna International University, Faridabad is among the premier league of universities imparting quality education in the country. The University focuses not only in providing quality education in contemporary domains but also strives to make students independent in thought and action and build good moral values in them. Quality standards of the University are driven and monitored by its talented Peer Team with the participation of all stakeholders. Quality is a journey on the path of continuous improvement which has no last milestone and it is this ideology that MRIU believes and strives for.

Quality education is presently delivered through 55 graduate, post-graduate and doctoral programmes. With many new programmes in the offing, the University has world-class academic and administrative resources in a fully-green campus which creates great ambience for the students and the faculty in their academic pursuits. The University lays great emphasis on academic delivery through application orientation in various programmes, laying special emphasis on research and development.

The University has very well equipped labs, workshops, libraries and world class sports facilities to help students in attaining higher standards in academic, research and professional skills. The Faculty is highly qualified, experienced and talented drawn from reputed institutions and organizations. The strong credentials and reputation of the University have been instrumental in establishing long term relationships and networking with reputed international universities/institutions for students and faculty exchange, joint research projects, twining projects, value addition programmes, international training for students and faculty. This has greatly helped our students into international placements.

The 'A' Grade accreditation from NAAC places Manav Rachna International University among the top universities across the country and it is testimony to our belief and commitment towards providing quality education and holistically grooming the professional careers and personalities of our students.

It, therefore, gives me great pleasure to welcome the aspiring students seeking admission during academic year 2016-17 to the creative world of MRIU for a very bright and eventful innings in their professional careers.

Dr N.C. Wadhwa (IAS Retd.)
Vice Chancellor, (MRIU)

Great University, **GREAT OPPORTUNITY**

MANAV RACHNA STRATEGIC MENTORING BOARD

"Mentoring is a brain to pick, an ear to listen, and a push in the right direction."

- John C. Crosby

PREAMBLE:

Strategic Mentoring Board of Manav Rachna Educational Institutions will be the driving force to enable MREI become a renowned organization worldwide to fulfill its Educational & Philanthropic mission.

AIM:

The aim of the Strategic Mentoring board is to formulate Strategies to ensure that Manav Rachna Educational Institutions become a renowned Organization Worldwide.

OBJECTIVES:

1. 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.
2. Developing Consulting & Training Capabilities at Manav Rachna Educational Institutions.
3. Scouting for & Association with World class Knowledge Partners for Manav Rachna Educational Institutions.
4. Developing Future Perspectives & Global Accreditations of Manav Rachna Educational Institutions.
5. Guiding Skill Development Initiatives and Industrial Tie Ups.
6. Scaling up the Career Resources Centre for Placements of students and Alumni.
7. Increasing the reach of Social Initiatives and outreach programs of Manav Rachna Educational Institutions.

8. Recommendations for Contemporary programs to be initiated at MREI.
9. Mentoring and guiding Career development Centre to develop unique processes for nurturing MREI students.
10. Mentoring Manav Rachna Academic Staff College.
11. Advice on Strategies for Perception and Brand Building.

EXECUTIVE BODY OF STRATEGIC MENTORING BOARD

Padmashri **Dr. Prof. Pritam Singh**
Ex. Director, MDI & IMI

Mr S.Y. Siddiqui,
Chief Mentor, Maruti Suzuki India Ltd.

Mr P. Dwarkanath,
Ex Director HR GSK & Adviser HR MAX GROUP

Mr Rajiv Kapoor,
Chief People Officer Fortis Health Care Ltd

Mr Arun Sehgal,
Director HR, GSK

Mr Suneel Sethi,
Ex Exec. Director Indian Oil Corporation

Mr P. Panda,
V.P (Engineering) Maruti Suzuki

Mr Rajiv Gandhi,
Exec. Director Production Maruti Suzuki

Mr. A. Sudhakar,
Head Global Human Capital, Dabur India Ltd

Dr. Dinesh Batra,
Group CEO & Founder Director, Cygnus Hospital

Kunwer Sachdev,
Founder & MD, Su-Kam Power

REPRESENTATION IN EXECUTIVE BODY OF STRATEGIC MENTORING BOARD FROM MREI

Dr. Prashant Bhalla,
President, Manav Rachna Educational Institutions,

Dr. Amit Bhalla,
Vice President, Manav Rachna Educational Institutions,

Dr. N.C.Wadhwa,
Vice Chancellor, Manav Rachna International University,

Prof. Dr. Sanjay Srivastava,
Managing Director MREI, & Vice Chancellor, MRU

Prof. Jaideep Singh,
Member Secretary

Prof. Dr. S. Duggal.



Research and DEVELOPMENT



Dr. Pradeep K. Varshney

Professor & Associate Director

Qualifications: M.Sc. (AMU), Ph.D (University of Delhi)

Experience: 24 Years

Areas of Interest: Composite Polymer Electrolytes for Batteries, Biodiesel Purification, Solar Stills, Ion Exchangers Projects Completed: 02 (AICTE)

Publications: 60, Patents: 02

Research plays a significant role in the process of conceptual thinking, learning and innovation. Since its inception, the Institution has been striving to develop in the area of 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 and research, the Institution is rapidly gaining a legendary reputation globally.

In addition to offering formal Undergraduate and Post-graduate Programs, the Institution actively encourages its faculty and students to undertake in-house and sponsored research & consultancy projects in order to strengthen the research profile of the Institution. Research and development is carried in several areas of engineering, basic and applied sciences, management, literature, physiotherapy, nutrition & dietetics, health, energy and environment, manufacturing, sports rehabilitation etc.

The Institution has to its credit, around 3000 research publications in International Journals, National Journals, International Conferences and National Conferences. This includes many papers listed in the Scopus database, Web of Science and Science citation index. 242 Patents have been filed /granted to faculty and students. More than 50 books have been authored by faculty and grants worth over Rs. 76 lacs have been received by sponsoring bodies including government bodies like Department of Science and Technology, Govt. of India, All India Council for Technical Education, Govt. of India and Indian

Council of Social Science Research, Ministry of HRD. Research Projects worth Rs. 11.67 Lacs sponsored by District Innovation Fund (DIF), DST (Haryana) are in progress. Earlier, seven research proposals worth Rs. 1.33 crores have been submitted by faculty members for getting research grant from the Government agencies.

MRIU has organized various International and National Conferences/ Seminars/ Workshops in collaboration and support of Govt. funded organizations and foreign Universities. Some of the most noteworthy International Conferences were - 7TH Asia Pacific Conference on Exercise and Sports Science 2015 (APCESS 2015) in association with Asian Council of Exercise and Sports Science (ACCESS), Soft computing and implementations, Reliability, Optimization and Information Technology (ICROIT) technically supported by IEEE, DRDO, DST, Green Chemistry and Chromatographic Sciences, Nanotechnology & Solar Photovoltaic, Stem Cell Technology, Soft Computing, Technique and Implementation and National conferences/ workshops were on Geo-Cloud Computing and Cryptology, Geo-spatial Technologies and its Applications, Science Conclave & Exhibition, Advances in Solar energy and Material Research, Contemporary Social Realities in Indian English Fiction of Post 1980s and Ethics Values & Morality: Concept, Theory & Practice, Sustainable Eco-Friendly Architecture, Employees' Performance Appraisal Systems and Practices, Instrumentation using Lab view, Future mobile systems, Intellectual Property Rights (IPR)-Opportunities and Strategies and Future Trends in Automobile Sector and International Workshop on Bio-fuels. IPR Awareness and Government Initiatives, Embedded System Design using AVR & ARM based MCUs, NASA Spaceward Bound India Project, Application of Mechatronics & Automation, Analog Systems Design, Role of Skill Development in Construction Industry, Advances in Power Control, Water Conservation and Pollution.

MRIU has been liberally encouraging and supporting its faculty to undertake research by providing financial assistance, laboratories and guidance. Faculty members attend Faculty Development Programmes both within and outside the Institution. The requisite computational assets including high-end software are made available to students and faculty to carry out research analysis at an advanced stage. MRIU aims to become a leading research Institution while continuing to retain its pre-eminence as a Institution excelling in teaching and learning processes.

In recognition of the outstanding contribution made by MRIU in R&D activities, the University was conferred with ASSOCHAM Education Excellence Awards 2014 for the "Best Private University Promoting Research & Innovation", National Education Excellence Award 2015 for the 'Best University serving Social Cause'. Faculty of Engineering & Technology, MRIU awarded as Best engineering campus in North India for promoting Research in 2014 and Faculty of Management Studies, MRIU was ranked among the top 50 Business Schools in India and amongst top 15 in North India in 2015. Recently, MRIU was felicitated with 'ASSOCHAM - National Education Excellence Award 2016' for the 'Best University for promoting Industry-Academia Interface'.





MANAV RACHNA INITIATIVES TOWARDS **ENTREPRENEURSHIP & INNOVATION**

The Manav Rachna Group of Institutions is in the forefront not only in imparting comprehensive and rigorous academic education but also ensures that budding talent is recognized and contributes towards nation building by bridging the gap between theory and practice and to enable the students to set up their own start-up enterprises. In this context two seminal initiatives envisaged by Late Dr O.P. Bhalla, Founder Chancellor, were Manav Rachna Entrepreneurship Development Cell (MREDC) and Manav Rachna Innovation and Incubation Centre (MRIIC). Specifically, the Manav Rachna Entrepreneurship Development Cell (MREDC) is engaged in motivating and educating students in the field of entrepreneurship through awareness programmes, academic courses and training programmes and Manav Rachna Innovation and Incubation Centre (MRIIC) encourages innovation and developing technology for new start-up enterprises, providing direct mentoring and incubation support to them.

MANAV RACHNA ENTREPRENEURSHIP DEVELOPMENT CELL (MREDC)

The Cell is a Group-level institution and engages itself in the entrepreneurship education, training and development programmes. The basic objective of the Cell is to take care of the entrepreneurial education in Manav Rachna Group of Institutions (Higher Education). It seeks to undertake motivational and awareness programmes to spread a culture of entrepreneurship among students so that they become ready to apply their knowledge and training to set up their own ventures.

THE CELL PERFORMS THE FOLLOWING FUNCTIONS:

1. Planning and coordinating entrepreneurship education activities across various departments of the Manav Rachna Group of Institutions
2. Developing courses and training programmes in entrepreneurship for students to be conducted through the various departments
3. Organising motivational & awareness programmes for students
4. Arranging and coordinating common inter-departmental classes on Entrepreneurship Development on a regular basis
5. Conducting faculty development programmes in entrepreneurship
6. Liaising and networking with outside professional agencies in the area of entrepreneurship development

7. Organising expert lectures from academia, industry and successful entrepreneurs in the areas of entrepreneurship.

The Cell regularly interacts and engages with the various departments of Manav Rachna Higher Education Institutions for conducting the above functions.

Under this initiative, each department offers a basic course on **Entrepreneurship Development** as developed by the Cell in consultation with various departments in the category of open electives (or as an add-on course for affiliated institutions in case it is not a part of the curriculum) in the July-Dec semester of the pre-final year of each programme of study.

The students who pass the Entrepreneurship Development course are encouraged to register with MRIIC as they are expected to have the relevant background for becoming successful entrepreneurs.



Manav Rachna-ite among winners of start-up competition at 'Happening Haryana'

Investors have shown interest in funding the projects presented by the young entrepreneurs (including young entrepreneurs from Manav Rachna). Team 'Tag On' comprising Prateek and Shweta from Manav Rachna Educational Institutions stood first in the competition. 'Tag on' is a means to locate anything, lost baggage, person or even pets, and this has wide application at a low cost.



Roopam Sharma, Student of Manav Rachna Educational Institutions has been awarded the prestigious MIT Tech Review's 'Innovators Under 35' Award

Manav Rachna Educational Institutions take immense pride in the stupendous achievement of one of its most promising students **Roopam Sharma**, who has been selected for 'India's top innovators under 35' India Edition. The prestigious 'Innovators under 35' Award has honored some of the world's most brilliant tech minds like Facebook's Mark Zuckerberg, Larry Page and Sergey Brin of Google. Twenty year old Roopam is the youngest person ever to win the award and is also the only student to be ever listed on this prestigious list. Eight winners made it to the India edition of the 'Innovators Under 35' list this year and will automatically become finalists for the global 'Innovators Under 35' list.



Manav Rachna INNOVATION AND INCUBATION CENTRE



Dr. B.S. Gill, Executive Director
Qualifications: B.Sc.(Engg), Ph.D
Experience: 49 Years

Area of interest: Heat Transfer, Pinch Technology/
Process Integration, Combustion, Fired Heaters,
Fluidised Bed Boilers, Computational Fluid
Dynamics and Project Management

“Question, think and innovate is the philosophy followed in the Manav Rachna Innovation and Incubation Centre. Let no obstacle come in your way. Take the institution to dizzy heights”

B.S.Gill

Manav Rachna Innovation and Incubation Centre (MRIIC), is a seminal initiative of MREI and is dedicated to Founder Visionary Dr. O.P. Bhalla whose dream was to encourage research and entrepreneurship to help the students to develop professional entrepreneurial ability and mindset to set up their own enterprises. MRIIC has been established with a view to cater to the needs of students and faculty members who are inclined towards research, innovation, and novel ideas. The Centre is headed by a Director who is assisted by Three Deputy Directors for coordination of various activities.

The Centre through its various activities encourages both engineering and non-engineering students across various departments to develop innovative and creative business ideas which in the subsequent stages are incubated to convert into successful enterprises. The Centre is instrumental in coordinating entrepreneurial education so that they develop necessary background to take up viable and feasible start-up ventures. The Centre regularly organizes business plan competitions through which meritorious projects are identified and selected for direct support.

Effective mentoring is provided by faculty, industry experts and successful entrepreneurs so that the students get acquainted with the practical aspects of the business in the areas of their choice. For this purpose, the Centre has two wings namely Centre for Innovation and Centre for

Entrepreneurship & Incubation (CEI) which help the students to develop practical business models and Centre for Research and Innovation (CRI) which provides technology and innovation support. The Centre has experienced industry professionals, industrialists and entrepreneurs in its Advisory Board. The incubation support includes preparation of business strategy, feasibility report, projected balance sheet, market survey, technology and necessary infrastructure. The Centre exposes the students to different areas of business including manufacturing product development, logistics, trading, contracting and maintenance and franchising. It also imparts business skills in different areas such as risk analysis, social media dynamics and competition analysis.

IIC has been furnished with all types of design, fabrication and manufacturing aids. Students have only to conceive ideas and develop these into products using facilities at IIC. These facilities are available to groups taking part in outside competitions and also to students and faculty members interested in making their projects. The areas proposed are mechanical, automobile, electrical, electronics, computer science, biotechnology, non-conventional energy etc (ideas in any field are welcome).

The centre provides all assistance to the teams in terms of design reviews, expert comments, provision of raw materials, manufacturing facilities, testing arrangements and any other special requirements. Suitable training programmes are arranged in order to enhance employability of MREI students.

The activities at MRIIC have resulted in filing of more than 70 patents in the last two years alone. Besides, it has been facilitating participation of Manav Rachna students in prestigious international and national level project competitions and have brought laurels to the institution. The competitions include Microsoft Imagine Cup, Accenture Innovation Jockey, BAJA SAE, Intel India Embedded Challenge etc. to name a few.

A number of companies have been incubated from MRIIC with the aim of providing technology solutions in various domains. Technoplanet labs, HyFn games, Self Reliant Foundation are some examples.

Regular participation in IITF: Manav Rachna Innovation & Incubation Centre (MRIIC) is a regular partner of the Government of Haryana in IITF held at Pragati Maidan every year. The students displayed 'Tomorrow's Technologies' which were highly appreciated by a galaxy of high profile visitors at the Haryana Pavilion in IITF 2014, with projects in robotics and aeronautics being the centre of attraction. Students again showcased unique projects at the Haryana Pavilion of IITF 2015 themed, "Make in India". These have been highly appreciated by His Excellency, the Governor of Haryana and Hon'ble Chief Minister of Haryana, as well as Minister of Finance, Government of Haryana.

INDUSTRY PARTNERSHIPS

In order to keep updated with the latest cutting edge technologies, several Memorandum of Understanding have been signed / we have strong tie-ups with reputed organizations like

- Maruti Udyog Ltd.
- Su-Kam
- Intel
- Atmel
- Mitsubishi Electric
- JBM
- Texas Instruments

TRAINING COURSES OFFERED BY MRIIC

Electronics Domain: • Embedded System Design • VLSI Designing • VLSI EDA Tools • MatLab • Lab View • Microwave Integrated Circuit Design • Antenna Design • Digital Signal Processing using TMS320C6713 DSP kits • FPGA based Digital System Design • Raspberry Pi • TI MSP430 • TI Analog Design Lab • Texas Instruments TIVA C Series • Intel Galileo & Edison Embedded Platform • STM32 and Nucleo boards • Embedded Linux • Real Time Operating Systems • Linux Device Driver • PCB Designing and Fabrication • Circuit Designing and Processing • VLSI Testing

Computer / IT Domain: • Programming with Python • Programming with C# • Introduction to Ruby on Rails • Programming with C,C++ • Objective C/Swift • Advanced Operating Systems • Relational Database: Prerequisite Python • App Development: Windows, Android, iOS • XAMARIN • Using Git & Github for programming • Artificial Intelligence for Beginners V0.1 • Artificial Intelligence V0.2 • Introduction to Machine Learning • Parallel Programming • Introduction to Cognitive Sciences • Algorithm Development • Data Analysis • Introduction to Computability, Complexity & Algorithms • Software Testing • BCI • Website Designing

Mechanical Domain: • Auto CAD • Catia • ProE • SolidWorks • Workshop Technologies • Machine Designing • Engine overhauling • Car Designing

Award Winning PROJECTS

Some of the recent award winning projects carried out by the engineers in the MRIIC are described below

SMART SKULL

Simple, immediate and effective safety protocol for bridging the time gap between victims & hospitals. It is a Smart Helmet that sends accident notification to the nearest hospital and the patient's relatives. This was chosen among the finalists of the Wearable Technologies Innovation World Cup 2013 by a jury of 20 experts who selected 20 finalists out of more than 600 submissions. The team was invited to attend the official Award Ceremony on January 27, 2014 in Munich, Germany.



ALL TERRAIN VEHICLE

- The vehicle has a powerful engine of 305 cc.
- Has a ground clearance of 8 inches for better off road experience.
- Works on a rear engine drive system.
- Winner of "BEST INNOVATION AWARD" in BAJA SAE India.



EFFICYCLE

A HYBRID vehicle having an electric motor of 1 horse power that runs on 48 volts and 35 Ah, claimed most comfortable vehicle by SUBROS panel in Chandigarh.



SHELL ECO MARATHON 2014

MRIU team participated in Fuel Economic vehicle competition, Shell ECO Marathon 2014 held in Manila, Philippines on February 6, 2014.

PROJECT MANOVUE

Manovue is the world's first intelligent personal assisting device for the blind. It is a multi-utility wearable haptic device which enables the user to read any printed text by moving his finger over the text and helps him move around freely outside well known environments by providing haptic feedback. The PROJECT Manovue has been adjudged Category winner in ACCENTURE INNOVATION JOCKEY 2015 (Category: Cognitive Computing and Internet of Things)



LAURELS AT IIT KHARAGPUR

At the Kshitij Techno Management Festival organized by the Indian Institute of Technology (IIT), Kharagpur, Teams have won top honors by participating in the 5-day festival (from 31 January - 3 February, 2014) and

brought laurels with two trophies and cash prizes for the First and Second Runner Up positions in the Transporter Competition and a cash prize and the Best Algorithm Award in the Tremors Event.

MICROSOFT IMAGINE CUP 2015

This year for Microsoft Imagine Cup National Finals three teams in three different categories; Gaming, Innovation & World Citizenship, were shortlisted for the National finals and secured the following rankings.

- Gaming : 1st Position
- Innovation : 1st Position
- World Citizenship : 3rd position

Team Eylumati from MRIIC represented India in the world final of Microsoft Imagine Cup 2015 at Seattle, USA.

MICROSOFT YOUTH SPARK CHALLENGE 2015

Roopam Sharma, a student of Manav Rachna Educational Institutions (MREI) has made it big at the Microsoft Youth Spark Challenge 2015 by winning the grand finals of this prestigious event!



From the Desk of **DEAN-ACADEMICS**



Dr. Naresh Grover

Professor, Dean - Academics & Dean-FCA

Experience: 32 years

Areas of Interest: Digital System Design and
Microprocessor

It gives me great pleasure to welcome you to Manav Rachna International University (MRIU) where academics and activities never cease as students are groomed in the fields of engineering and technology, science, commerce, humanities, management, health sciences and therapies, sports, multi-media, architecture and many more other streams. Our dedicated team of highly talented Faculty are always trying to strive for academic excellence and inculcating among our students, overall personality development. The major emphasis of imparting training at MRIU is to encourage enquiry and innovation among our students and lay the strong foundation for a future where they are able to face global challenges in a rapidly-changing scenario. Here at MRIU, we try to mould our students with strength of character, self-confidence, technical competence & leadership in management so as to transform them into insightful and honourable citizens of this great country.

The academic ambience at this University nurtures critical-thinking as our students gain knowledge & practical skills through industry-oriented curricula & innovative instructional practices. Backed by multidisciplinary teamwork approaches & leadership-building experiences including get-together events, seminars and workshops, students are more than equipped for future leadership roles once they step out of college to face the world at large.

MRIU leaves no stone unturned to make its curriculum world class by leveraging the inputs of experts from industry and academia and delivering it in a way that students find it fascinating. Knowledge to the students is disseminated through committed faculty members drawn from top notch institutions in India, state-of-the-art library, well-equipped labs and an overall tranquil environment in the campus that makes learning a joyful experience.

At Manav Rachna International University, 'Quality' is a way of life, ingrained in its very roots and philosophy. With the award of 'A' Grade by NAAC, a coveted distinction of the University, the faculty and the administrative staff are motivated to take the University to even higher standards of excellence while discharging their educational responsibility towards the students and society.

Taking forward the commitment to excellence and a vow to create futuristic global leaders, in one of the recent initiatives Manav Rachna Educational institutions have collaborated with SAP SE (NYSE: SAP) to offer extensive range of courses to all its students. SAP Student Academy is designed to provide cutting-edge and cost-effective SAP training to aspiring students. The SAP Center at Manav Rachna is a flagship enterprise which will empower the undergraduate and postgraduate students with skills in SAP and will enable them to bridge the industry-academia gap and enhance their employability and entrepreneurial prospects.

SAP module of 40 Hrs duration on Business Process has been embedded in the curricula of B.Tech. (Aero, Auto, CSE, ECE, EEE and Mech), MBA, MCA, BCA, BBA and B.Com programmes. Other SAP modules relevant to disciplines of engineering and business studies will be offered at MREI under the following specialized avenues

- SAP ABAP (Advanced Business Application Programming)
- SAP MM (Materials Management)
- SAP HR (Human Resource Management)
- SAP FI (Financial Accounting)
- SAP SD (Sales and Distribution)

In the pursuit of 'creating better human beings' and as a part of our commitment towards quality education, we have embarked upon promoting Faculty Development Programmes, Seminars, Workshops and Conferences at National and International levels, which keeps the faculty members and students abreast of the latest trends. A research culture pervades the campus through enhanced R & D activities, establishment of the Manav Rachna Innovation and Incubation Centre (MRIIC), creation of centers for interdisciplinary research, establishment of industry-sponsored Programmes, stronger interface with industry and alumni along with a special focus on new post-graduate and doctoral Programmes.

By choosing MRIU and selecting us to be your learning partner, you have taken the first step in becoming an educated and conscientious member of the society. Throughout your journey and stay here at Manav Rachna, please remember that you are not alone in this endeavor. Your professors, advisors, mentors, staff members and the administration are there to help you realize your goals and ambitions. They would want you to be successful and make your mark in public life but the same can only be achieved if you are committed and have a positive attitude.

We look forward to partnering with you in shaping your future during the most exciting period of your life and would like to ensure that your college years are filled with memories to be cherished forever.

With very best wishes for a richly rewarding career.

Dr. Naresh Grover

Dean Academics, MRIU



FACULTY OF COMPUTER APPLICATIONS (FCA)

Faculty of Computer Applications is one of the earliest entities of the university engaged in teaching and research in computer applications. Currently, it offers MCA, BCA, B.Sc. IT and B.Sc. Computer Science Programmes with latest, industry-ready curriculum which is kept regularly updated in the light of latest developments in the IT industry. The curricula for all the programmes being offered at FCA has been designed on Choice Based Credit System (CBCS) with a basket of good number of Elective Courses including Discipline Elective, Generic Elective and Open Electives. Some of the recent courses include Cloud Computing, Optimization Techniques, Digital Image Processing, Compiler Design, Software Project Management and Search Engine Optimization.

There is a great thrust on practical applications. We provide a highly interactive learning environment so that the students get a full feel of the subject and get fully involved in the acquisition of computer skills. Students are encouraged in innovative and critical thinking in various computer languages, platforms and protocols. They are exposed to live industry projects to enable them to gain insights into the working of the industry.

One of our key areas of strength is highly qualified, experienced, committed and professionally oriented faculty. Most of them are engaged in doctoral research.

Apart from rigorous classroom teaching, the students are given online practical assignments from time to time. There are regular mentoring sessions for each student in which academic problems of students are individually discussed and resolved.

The Faculty of Computer Applications has modern classrooms with quality audio-visual equipments and computer labs with latest software and equipments. The entire campus is Wi-Fi enabled with good connectivity. The students have access to world-class library stocked with a large number of books, professional journals and other academic resources.

Students are given special training in professional skill areas such as business communication, decision-making, team-building, EQ, negotiation skills and leadership skills which are in great demand in industry in addition to computer skills. The department also endeavours to provide knowledge on Holistic Wellness and Life Skills for its students. There is a special emphasis on personality development.

We welcome all the students in the new academic session and wish them success in the exciting journey to the wonderful world of Computers and Information Technology.

DEPARTMENT OF COMPUTER APPLICATIONS



Rashmi Agrawal
Associate Professor and Head of Department
Qualification: MTech, MBA, MPhil,
UGC-NET (CS)
Experience: 14 Years
Area of Interest: Data Mining, Artificial
Intelligence

The detailed semester-wise course structures along with study schemes for the programmes are available on MRIU website.

PLACEMENT OPPORTUNITIES

All the Programmes are designed to meet the growing requirements of qualified professionals not only in IT industry but also in other industries. After successful completion of graduation and post graduation, the job opportunities range from Software Engineering and Development, Hardware and Networking, Research and Development, Services and Applications support etc. Students get absorbed in organizations as Programmers, Software Testers, Analysts, Engineers, Administrators and Researchers.

In an endeavour to secure top-of-the-line in-campus recruitment for the students, the teaching faculty conducts placement incubation and preparation classes for a minimum of two semesters besides capsule inputs.

Some of our Major Recruiters are: AON Hewitt, CMC, DELL, HCL Technologies, L & T Infotech, Motherson Sumi, NIIT, SAMSUNG, WIPRO, ZenFocus, 3 Pillars Global, Tech Mahindra, Aricent Technologies, TCS

PROGRAMMES OFFERED

- Bachelor of Computer Applications (3 Year)
- B. Sc - Information Technology (3 Year)

B. Sc - Information Technology is being offered in collaboration with Auckland Institute of Studies (AIS). Auckland Institute of Studies (AIS), Auckland, New Zealand is a unique tertiary institution providing NZQA Accredited Diploma, UG and PG level Programmes. AIS has partnered with MRIU to provide curriculum and accreditation support for B.Sc.-I.T. Programme.

- MCA - (3 Year)
- MCA - Lateral Entry (2 Year)



FACULTY OF ENGINEERING & TECHNOLOGY (FET)



Dr. M.K. Soni

Executive Director & Dean

Qualifications: B.Sc. Engg., M.Sc. Engg., PhD

Experience: 41 Years

Publications: 152

Areas of Interest: Control Systems,
Microprocessors and Computer Networks

MRIU has its origins in Career Institute of Technology and Management (CITM), an esteemed educational entity, which originated in 1997. CITM was accredited by the NBA twice, first in the year 2003 for three B.Tech. Programmes and next in 2007 for four B.Tech. Programmes. In July 2008, Govt. of Haryana granted Autonomous Status to the Institute. Subsequently, in October 2008, Ministry of HRD, Govt. of India conferred "Deemed to be University" status on the Institute and was then named as Manav Rachna International University (MRIU). MRIU is accredited with "A" Grade by NAAC (An autonomous institution of the UGC).

FET, MRIU enjoys unparalleled reputation amongst all stakeholders i.e. its students and their parents, employers and the community at large. The Faculty has a very strong track record of on-campus placements with national and international companies. It has excellent infrastructure. Its labs and workshops are equipped with state-of-the-art machinery and latest computing facilities.

At U.G. level, apart from the normal B.Tech. Programmes, FET offers B.Tech. with certain specializations in association with leading industry names. The faculty also offers admissions to B.Tech Lateral Programmes.

At P.G. level, the Faculty offers: M.Tech.-Automotive Engineering with specialization in Design, M.Tech.-Data Analytics and M.Sc.-Mathematics & Computational Science.

Eligibility conditions, No. of seats, Fees payable, Criteria for merit list and other details of all the above programmes are given from Page No. 93 onwards in this brochure

Student exchange programmes/internships are also available for our engineering students.

Academia - Industry Interface development is a matter of policy in all disciplines. The curricula for all the programmes being offered at FET have been designed on Choice Based Credit System (CBCS) with a basket of good number of Elective Courses including Discipline Elective, Generic Elective and Open Electives. A 24- Week Industrial Training has been embedded in the curricula for all the programmes. The course work is supplemented by industrial visits, educational tours and invited lectures from eminent persons from academics and experts from industries. 40 Hours Business Process Course of SAP has also been embedded as a part of curriculum for B.Tech. (Aero, Auto, CSE, ECE, EEE and Mech) to make our students recruitment ready for job opportunities in IT industries and other enterprises. Arming students with knowledge of SAP technology can give them an extra edge once they leave their institutions and enter workplace. The program will help to close the SAP skills gap in the information and communication technology market. Other SAP modules relevant to disciplines of engineering and business studies will also be offered at MRIU.

Special efforts are made to develop the overall personality of the students through special training sessions on aptitude and soft-skills through expert trainers. The students/faculty members jointly organize seminars/conferences under the aegis of student chapters of various professional bodies like Institution of Engineers (IE), IETE, ISTE, IEEE, CSI, SAE, ASHRAE, and QCI. The collaboration with these bodies is gainful for both students and faculty members.

FET students have been participating on year to year basis in BAJA competitions for All Terrain Vehicle, Supra competitions for Formula One Car, Shell Eco Marathon Competitions for Fuel efficient cars, Intel Embedded Challenge Cup, Microsoft Imagine Cup and many others. FET is also a regular participant in International Trade Fair held every year in Pragati Maidan in November and displays new technologies in the Haryana Pavilion which attracts huge crowds. Governor of Haryana and Chief Minister of Haryana have praised the technologies presented by FET in these exhibitions, which have brought laurels not only to the State of Haryana but India as well.

Some notable achievements in the recent past include participation in Formula student journey in Hockenheim, Shell Eco Marathoin in Manila, BAJA USA, Robouar at UIET, Chandigarh, Grid Tech 2015 at New Delhi and many more.

FET has a very good track record of placement of students. A large number of students have been successfully placed in reputed organizations such as TCS, Infosys, L&T Infotech, HCL Technologies, Maruti Suzuki, Huawei Technologies, NIIT Technology, Microsoft, I-Flex, Dell, Oracle, Nokia Siemens, Ericsson, Cease Fire, Escorts, Sandvik Coromant, Wipro, JBM, Hewitt Technology, Capital IQ, Data64, Life Cell International etc. and have earned salary packages as high as Rs. 8 lac per annum. A good number of pass out students from FET are pursuing post graduate courses in India and abroad. Presently more than 125 research scholars are pursuing Ph.D. programme in different Departments of FET.

FET has organized various International and National Conferences/Seminars/Workshops in collaboration and support of Govt. funded organizations and foreign Universities.



DEPARTMENT OF AERONAUTICAL ENGINEERING



Dr. R.S. Tarnacha

Professor & Head of Department.

Qualifications: B.Sc. Engg. (Aero), M.E.-Aero (IISc Bangalore), Ph.D. (IIT Delhi). MBA-HRM

Experience: 42 Years

Areas of Interest: Fluid Flows, Computational Fluid Dynamics, Aerodynamics

The Aeronautical Engineering Department was established in 2008, as part of CITM. The faculty members in Aeronautical Engineering are well qualified, holding Ph.D. and M.Tech. qualifications in Aerospace Engineering from premier institutions located in India and abroad and have rich experience in aircraft maintenance, aircraft design, rocket systems and design of UAV gathered from their previous tenures in IAF and academic institutions. Such a practical experience is of great advantage to students to get first-hand information on modern technologies/practices followed in the aerospace industry.

The Lab facilities available include a subsonic, open circuit wind tunnel along with its measurement accessories, a water-table, hot-wire anemometry system, propeller test rig, flame propagation apparatus, experimental set up for measuring shear centre, torsion and bending stresses, and polariscope for stress analysis. The department also has aircraft assemblies, components, and aircraft instruments of a frontline fighter aircraft, and models of various aircraft and jet-engine. The students assemble exotic configurations of aero-models so as to study the effect of aerodynamic features and their structural integrity of such aircraft configurations. The computational facility in the department has specialized software like ANSYS and lab courses are also conducted on the use of GAMBIT and FLUENT. The co-curricular activities include educational visits to industry and academic institutions, aero-modeling workshops and guest lectures by experts from industry/academic institutions.

The students undergo 24 week industrial training as a part of the curriculum. They are also trained in soft skills and aptitude development to enable them to face the professional world without problems when they pass out.

Aeronautical students have been placed in DRDO labs, like ADE, Bangalore; Mechartes and Zeus Numerix, the organizations which are engaged with the development of CFD, and in private companies like TCS and companies engaged with design and maintenance. Some of the students have gone for higher studies (M.Tech. and MBA) in premier institutions in India and abroad.

PROGRAMME OFFERED

- B.Tech - Aeronautical Engineering (4 year / 3 year Lateral Entry)

The detailed semester-wise course structure along with study scheme for the programme is available on MRIU website

PLACEMENT OPPORTUNITIES

Aerospace Engineering is both challenging and rewarding. India's successful 'Chandrayaan' and 'Mars Orbiter Mission' and many other space missions planned by ISRO are examples of challenging careers. The emerging joint ventures between aerospace giants like Boeing and Dassault Systems with Indian companies have opened further avenues of placement for aerospace students. The aeronautical careers exist in Hindustan Aeronautics Ltd. (HAL), Indian Space Research Organization (ISRO), Defence Research Development Organization (DRDO), Defence forces such as Indian Air Force, Indian Navy, Indian Army, and Airlines in the Govt. and private sector as well as in the aircraft manufacturing companies in the private sector.



DEPARTMENT OF AUTOMOBILE ENGINEERING



Dr. Devendra Vashist,
Professor & Head of Department.
Qualifications: B.Tech. M.Tech, Ph.D, MBA
Experience: 18 Years
Areas of Interest: I.C Engines, Automobile Engineering, Heat Transfer, Alternate Fuels.

The Indian auto industry is one of the largest in the world with an annual production of 23.37 million vehicles in FY 2014-15, following a growth of 8.68 per cent over the last year. The automobile industry accounts for 7.1 per cent of the country's gross domestic product (GDP). India is also a prominent auto exporter and has strong export growth expectations for the near future. In FY 2014-15, automobile exports grew by 15 per cent over the last year. In addition, several initiatives by the Government of India and the major automobile players in the Indian market are expected to make India a leader in the Two Wheeler and Four Wheeler market in the world by 2020. Government of India aims to make automobiles manufacturing the main driver of 'Make in India' initiative, as it expects passenger vehicle market to triple to 9.4 million units by 2026, as highlighted in the Auto Mission Plan (AMP) 2016-26.

The Department of Automobile Engineering was established in 2009. It was created to provide specialized knowledge and skills to students interested in automobiles. This specialized objective is fulfilled by the highly qualified and experienced faculty having M.Tech / PhD degrees. The students are exposed to various relevant topics like design of automobile components (both manual and computer aided), types of fuels used in automobiles with their property analysis, different types of energy losses in the vehicle, latest technology and standards used in engine design and manufacturing, air conditioning in the automobiles, dynamics of motor vehicles, vibration analysis, vehicle maintenance and auto electrical and electronics. Along with this, subjects such as strength of materials, manufacturing technology, fluid mechanics, heat transfer, industrial engineering and workshop technology are also taken care of. Hands on training is provided to the students in the specialized laboratories of vehicle maintenance, fuel and lubricant, I.C Engines, auto electrical and electronics, vehicle design etc. Softwares such as ProE, MATLAB and Solid Works are being taught on workstations for design and development of vehicles.

Automobile Engineering Department runs SAE Collegiate Club for its students interested in showcasing their practical knowledge at national and international level. The objective of participation in these competitions is to provide students with a challenging project that involves design, engineering, planning, manufacturing and marketing the tasks for a new product. Students of the department have participated in International events Shell Eco Marathon, SAE Baja International and FSG Germany and in national events SAE Baja, SAE Supra, SAE Efficycle, SAE Go Kart Championship and Grid-Tech events. A team of students has participated in Shell Eco Marathon 2012 competition at Sepang International Circuit Kuala Lumpur, Malaysia. The team was selected for Shell Eco Marathon 2013 and was among one of the 4 teams to represent India. The Team also participated in Shell Eco Marathon 2014 (Manila, Philippines) and Formula Student Germany 2014 (Hockenheim, Germany). Students also participated at Grid Tech 2015 held at Pragati Maidan and won the third prize among 40 shortlisted teams from India.

Students are given regular exposure and awareness about manufacturing processes through industrial visits. Some of the manufacturing units that were visited in 2015 are Honda Siel Cars India Ltd. (HSCI) Greater Noida, Rosa Thermal Power Plant, Shahjahanpur (U.P.) Krishna Maruti Ltd. Gurgaon and AAR ESS Auto Private Ltd, Faridabad.

The Faculty members of the Department have been actively involved in Research and Development activities in the field of alternative fuels, heat transfer, new engine development, vibration analysis in vehicles etc. They had published their work in renowned National and International Journals, conferences and also filed patents in their area of research.



The Department conducted workshops titled "Future trends in automobile sector", "Engine overhauling Fault diagnosis and Wheel balancing" and "SAE International President and Student Meet" in 2012, 2013 and 2015. The objective of these workshops was to apprise faculty members and students about the emerging areas of technology in automobiles. The Department also organized a National Conference titled, 'Alternate Fuels and Controls' in March, 2013, sponsored by DRDO in which prominent personalities from the auto sector delivered their expert thought to our aspiring engineering students.

PROGRAMMES OFFERED

- B.Tech - Automobile Engineering
(4 year/ 3 year with Lateral Entry)

The detailed semester-wise course structures along with study schemes for the programmes are available on MRIU website

PLACEMENT OPPORTUNITIES

Automobile engineers are highly in demand nowadays because of the high proliferation of automobiles in everyday life all over the world. Maruti Suzuki, Toyota, Volkswagen, Tata Motors, Hyundai, Mahindra & Mahindra, Ashok Leyland, Hindustan Motors etc. are some of the leading automobile manufacturers in the country who are showing an interest in our students. The automobile manufacturing industry is supplemented by OEMs, such as JBM, Krishna Maruti, Sharda Motors Ginnie solution, Institute of Road Traffic Education, HKS Auto, TCS, Square Yards, Harrison Associates, Blue Sapphire, Newgen Software technologies, Honeywell, Eternity Industries Pvt Ltd. etc who frequently visit the campus for placement. Of course, other fields are also open to these engineers where they can find suitable jobs. Some of these areas are defence forces, space programme, atomic energy, power plants, railways, research laboratories, software development, information technology etc. Some students, with meritorious academic records and matching skills, have opted for higher studies in both National and International universities.

DEPARTMENT OF BIOTECHNOLOGY



Dr. Sarita Sachdeva
Professor & Head of Department.
Qualifications: MSc, M.Phil, PhD
Experience: 18 Years
Areas of Interest: Bioremediation and Environmental Technology

Biotechnology is emerging as a frontier technology in India and is expected to fuel up the process of shaping India's rapidly developing economy. India is among the top 12 biotech destinations in the world and ranks third in the Asia-Pacific region. Out of the top 10 biotech companies in India (by revenue), seven have expertise in bio-pharmaceuticals and three specialize in agri-biotechnology.

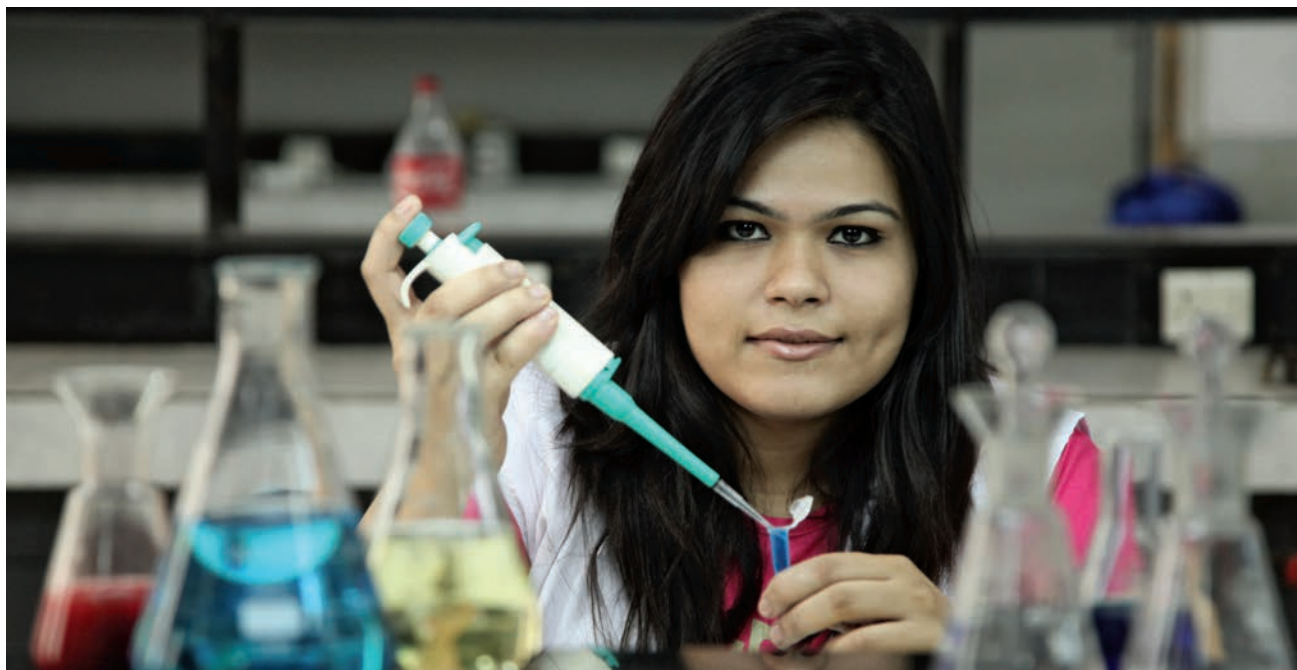
Recently Prime Minister Mr Narendra Modi unveiled the "Make in India" campaign, with an aim to turn the country into a global manufacturing hub. Biotechnology is one of the most realized fields which will be instrumental in the success of this campaign. This sector has been identified by Government among 25 sectors that will be covered under the Make in India plan. The Make in India campaign aims at turning the country into a global manufacturing hub by smoothing business processes and attracting foreign companies to set up factories in India and invest in the country's infrastructure.

There is immense growth potential and this sector will continue to play a more significant role as an innovative manufacturing hub. It is one of the most significant sectors in enhancing India's global profile as well as contributing to the growth of the economy. The Department of Biotechnology (DBT) along with other government funded institutions such as National Biotechnology Board (NBTB) and many other autonomous bodies representing the biotechnology sector, are actively working together so as to project India as a global hub for biotech research and business excellence.

The Department of Biotechnology was set up in the year 2002 at MRIU. This discipline is the most diversified of all the natural sciences, exhibiting a bewildering array of sub disciplines. The complex multifaceted nature of biotechnology has been derived, primarily from the largely post war introduction into biotechnology, of other scientific disciplines such as physics, chemistry and mathematics. This has made possible the description of life processes at the cellular and molecular level. It can today be considered as a series of enabling technologies involving the practical applications of organisms or their cellular components to manufacturing, service industries and environmental management. Biotechnology is developing at a phenomenal pace and will increasingly be seen as part of the advancement of modern life.

The Department of Biotechnology at MRIU has very highly qualified teaching faculty with Doctoral and M.Tech qualifications in different areas of Biotechnology, i.e., Microbiology, Biochemistry, Photochemistry, Plant Pathology, Bio-fertilizers, Petroleum Microbiology, Fermentation, Virology, Environmental Biotechnology, Bio-fuels, Bioremediation, Bioinformatics, etc. Faculty members are consistently involved in research and for the years of consistent efforts have on an average 30 publications in National and International journals of repute and proceedings of seminars/conferences in the year 2014-2015. Eight faculty members are guiding Research scholars for PhD Programme.





The Department 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.

Ever since inception, the Department has made a mark in all spheres of activity. These include:

- The academic performance of students has always averaged between 80-85% in different Programmes offered by department.
- Exposure and awareness of manufacturing units where bio processes are well established towards product delivery needs to be introduced to students. To meet this aim, industrial visits are regularly conducted to Mother Dairy, Vita Milk Plant, Yakult Probiotics, etc for an understanding of bioprocesses and manufacturing of bio-products.
- Students undergo industrial training in 8th Semester at institutions of national repute like the Institute of Nuclear Medicine & Allied Sciences - DRDO, National Center of Applied Human Genetics, School of Life Sciences, JNU, Indian Institute of Integrative Medicine, Council of Scientific & Industrial Research, Canal Road, Jammu - Tawi, Department of Medical Oncology - Sir Ganga Ram Hospital, National Research Centre on Plant Biotechnology, Pusa Campus, Ranbaxy, IOCL R & D Centre Faridabad etc.
- To ensure quality student product and to minimize under quality pass outs, workshops/seminars/conferences are organized regularly to disseminate developments in the discipline of Biotechnology.
- Research and Innovative projects are the backbone of any progressing department. A rich Faculty resource, each holding Doctoral Degree with diverse skill sets, are engaged in intensive research with research scholars and students of both PG and UG Programmes.
- 27 Research Papers have been published by the faculty and students of the Department at PG & UG level. Ms. Meena Kapahi, Research Scholar under the supervision of Dr. Sarita Sachdeva has received best paper award at a recent National conference on Science and Media held at YMCA, Faridabad. Efforts are ongoing for many more milestones to be achieved.

PROGRAMMES OFFERED

- B.Tech- Biotechnology (4 year / 3 year with Lateral Entry)
- M.Tech - Biotechnology (2 year)
- M.Sc. - Biotechnology (2 year)

The detailed semester-wise course structures along with study schemes for the programmes are available on MRIU website

PLACEMENT OPPORTUNITIES

Employment opportunities are available in the specialized fields of biotechnology viz. Stem Cell Technology, Biomedical Devices, Pharmaceuticals, Diagnostics, Global Biotech Parks (DBT), Biotech Research Incubator Institutions, Food Corporation of India, Biotechnology Management, IT sector, Banking Sector and Armed forces (Biological Warfare). Engineering Colleges and Technical Universities also offer job opportunities. Students can also go for higher studies and start their own ventures.

A large number of pass outs have bagged excellent placements in leading companies, viz, Imperial Life Sciences, Lifecell International, Totipotent RX, Covidien, Space Group, Sagacious Research, CHC Health Care, e4e Health Group, Link Biotech, Ozone Biotech, CPM, Agilent Technology, Panacea Biotech, Medox Diagnostics, TCS (Biotech Division), Infosys (Biotech Division), IDS, L & T Infotech, IFBI and HCL, SCOTT EDIL & Kelly Services India Pvt. Ltd, Boston Scientific, etc.

Some pass outs have opted for higher studies in both national and International universities after qualifying in competitive exams like GATE/ CSIR-NET/ GRE/ TOFEL/ IELTS. Some of the universities where our students are pursuing higher studies are IIT Mumbai, IIT Khargpur, NIFTAM Sonapat, DUCRUST Murthal, Delhi College of Engineering, MDU Rohtak, Amity University Noida, and MMU Ambala etc. International institutes include Drexel University Philadelphia- USA, University of Alabama Birmingham - US, University of Scotland, Clemson University Southern Carolina- US, Minnesota University- USA, John- Hopkins University- US, IGBI - Italy, Cornell University- US and many others.

DEPARTMENT OF CIVIL ENGINEERING



Dr. B. K. Singh
 Professor & Head of Department.
Qualifications: B.E., M.E., Ph.D. (IIT Delhi)
Experience: 24 Years
Areas of Interest: Structural Engineering
 Structural Engineering & Construction
 Technology

Civil Engineering is considered to be the most versatile branch among all the engineering branches in the country. Being the oldest Engineering branch in the academic institutions in the world, it has a lot of diversity right from Geotechnical Engineering to Structural Engineering, Environmental to Hydraulics, Transportation to Hydrology, Planning to Construction, etc. A Civil Engineer has a major role for the national development works like roads, bridges, tunnels, buildings, airports, railways, docks and harbour, dams, water works, water supply and sewage systems, etc. which are essential for the rapid growth of any country.

Civil Engineering Department was established in 2009. It has built an excellent reputation for academics as well as placement. All the faculty members are highly qualified and

experienced having M.Tech./Ph.D. degree from IIT, NIT, DTU, JMI and other National Level Institutes. The Department offers B.Tech, M.Tech (Structural Engineering), M.Tech (Construction Engineering), M.Tech (Transportation Engineering) and PhD Programme in Civil Engineering.

For better awareness and interest of a student, continuous interaction with reputed companies are being organized at frequent intervals in the form of special technical lecture/ workshop/site visit or exchange of technical knowledge etc. The Department also encourages its students to engage in extracurricular and co-curricular activities, essential for overall development, nurturing of team spirit and developing organizational skills to keep themselves abreast with current developments in Civil Engineering field.

The Department has fully equipped Labs with state-of-the-art equipment including Applied Mechanics Lab, Structures Lab, Strength of Materials Lab, Soil Mechanics Lab, Environmental Engineering Lab, Concrete Lab, Transportation Lab, Hydraulics Lab, Fluid Machinery Lab, Surveying Lab, Engineering Geology Lab, Computational Lab, Advanced Structural Engineering Lab, Construction Yard, and Models & Material Museum etc.

PROGRAMMES OFFERED

- B.Tech- Civil Engineering (4 year /3 year with Lateral Entry)
- M.Tech- Civil Engineering with Specialization in Structural Engineering/ Construction Management / Transportation Engineering (2 year)

The detailed semester-wise course structures along with study schemes for the programmes are available on MRIU website

PLACEMENT OPPORTUNITIES

India is going through an intense phase of rapid infrastructure development. This throws up possibilities of absorption of Civil Engineers in a great way. Presently, huge demand and supply gap exists for Civil Engineers in the market. The effect of this gap is manifested in the fact that all eligible/willing students of 2009-2013, 2010-14 and 2011-15 batches are placed in reputed companies such as GR Infra Projects Ltd, KMC Construction, PNC Infratech Ltd, Sushee Infra Pvt Ltd, TCS, Theme Engineering, Unihorn, Vishwa Infrastructure, SGS-Technomech, Top Surveying, Prathishta Group, Cinda Engineering, Supertech etc. Apart from the above, many companies are in touch with the department for immediate recruitment of students of this department. Some of the students have also joined government departments as well as have gone abroad for higher studies.



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING



Dr. S. S. Tyagi
Professor and Head of Department
Qualifications: B. Tech., ME (BITS Pilani), PhD
Experience: 24 Years
Areas of Interest: Cloud Computing, Wireless, Security, Mobile Ad hoc Networks, Computer Networks Security

The Computer Engg Deptt. was established in 1997. All the faculty members are highly qualified and experienced having M.Tech/PhD degree. The Department's focus on curriculum development included the mastery of fundamentals, motivation for learning, intellectual efficacy and self-reliance which provide the best foundation for continuing professional achievement. The B.Tech - CSE programme offered by the Department had been accredited by NBA twice, firstly in 2003 and then in 2007.

The Department is also running an M.Tech programme in Computer Engineering and also with specialization in Computer Networking. The programme provides intensive training to the students at advanced level to enable them to take up research and development activities. The course curriculum has been specially tailored to fulfill the growing global outlook and focus on upcoming technologies in the field of Computer Science and Engineering to cater to the needs of the industry and R&D organizations. To achieve the above, the Department has a computer center and hi-tech labs equipped with latest software and hardware technologies. With this background, the passout candidates would be in a much better position to carryout activities like software design, development testing and R&D.

MRIU has collaborated with IBM to jointly offer B.Tech.-Computer Science & Engg. programmes with specialization in Cloud Computing, Business Analytics & Optimization, IT Infrastructure Management, Cyber Security & Forensics, Mainframe Technology, Graphics and Gaming Technologies, Open Source and Open Standards. IBM shall provide LMS, Train the Teacher Programme, Student Projects, Expert Lectures, Industry connectivity for students & teachers to enable them to experience the live IT Environment.

The Faculty members of the Department have been actively participating and contributing in National and International Conferences and Seminars every year. The Faculty is actively involved in research and development activities. Thirty seven (37) research scholars are pursuing PhD in the department.

The Department interacts with Information Technology Industry to augment the teaching methodology with industrial needs to provide industrial experience to the students to help them to focus their energies in the right direction. It has developed state-of-the-art laboratories in various fields of Computer Engineering, Database Management Systems, Computer Networking, Artificial Intelligence, Software Engineering, Multimedia, CAD/ CAM, Web Designing, etc. There are students' chapters of IEEE, CSI & ISTE in the Deptt. for regular updates and latest trends in the field of Computer Science & IT. The Department also interacts regularly with Information Technology organizations like TCS, IBM, Sun Micro Systems, L&T, Infosys, HCL, Tech Mahindra, EMC etc. for providing latest technology updates to the students.





PROGRAMMES OFFERED

- B.Tech - Computer Science & Engineering (4 Year / 3 Year with Lateral Entry)
- B.Tech- CSE with specialization in Cloud Computing in association with IBM (4 year/3 year)
- B.Tech- CSE with specialization in Business Analytics & Optimization in association with IBM (4 year/3 year)
- B.Tech- CSE with specialization in Cyber Security and Forensics in association with IBM (4 year/3 year)
- B.Tech- CSE with specialization in Graphics and Gaming Technologies in association with IBM (4 year)
- M.Tech - Computer Engineering (2 year)/ Computer Engineering with specialization in Computer Networking (2 year)

The detailed semester-wise course structures along with study schemes for the programmes are available on MRIU website.

IBM is a well-known multinational conglomerate having a turnover of more than US \$ 100 billion with Headquarters at New York, US. It has worldwide business in Computer Hardware/ Software, IT Services and IT Consulting. IBM has tied up with MRIU to jointly offer B.Tech.-Computer Science & Engg. programmes with specialization in Cloud Computing, Business Analytics & Optimization, IT Infrastructure Management and Cyber Security & Forensics, Mainframe Technology, Graphics and Gaming Technologies, Open Source and Open Standards. IBM shall provide LMS, Train the Teacher Programmeme, 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.

Students enrolled in these programmes shall undertake live projects developed by IBM / other IT majors under the mentorship of industry experts and go for industry visits in software development and testing centers. They may also attend one week extensive training programme at Bangalore in IBM facilities at their cost in which hands on training shall be provided by IBM and other IT company experts. IBM shall also issue certificates for various modules after successful completion in addition to the MRIU Degree. The Programmes in association with IBM lead to big increase in job opportunities and industry readiness for the students.

Approximately 25% of the credits shall relate to the specific specialization in a particular programme and replace certain courses covered under normal B.Tech. CSE Programmes.

PLACEMENT OPPORTUNITIES

Over the last few years the Department has seen excellent placement with over 90 % of its eligible / willing students placed in companies namely Microsoft, Infosys, TCS, Cognizant, Wipro, L&T Infotech, HCL, IBM, Hewitt, Satyam, Tata Telecom, NIIT, Dell, Capital IQ, Vodafone, Airtel, Idea etc. With the introduction of specializations in B.Tech. - CSE Programmes, placement opportunities for passouts will get enhanced in a big way.

Placement opportunities are also available in DRDO, Armed Forces, IES, Civil Services, ISRO, BSNL, ONGC, NIC, Railways, Technical Universities and the banking sector.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



Dr. Dipali Bansal
Professor & Head of Department
Qualifications: PhD (Jamia Milia Islamia, New Delhi), M-Tech (MDU, Rohtak), B-Tech (BIT-Sindri)
Experience: 20 Years
Areas of Interest: Digital Signal Processing, Bio-signal acquisition and automated analysis

The Electronics and Communication Engineering Department was set up in 1997. Since then the department has grown from strength to strength. The B.Tech-ECE programme offered by the Department was accredited by NBA twice, in 2004 and in 2007.

The field of Electronics and Communication is advancing at a very rapid pace. Mobile telephony and Personal Communication System have grown exponentially over the last one and half decades. With the penetration of laptop and wearable devices, the access to the Internet and World Wide Web for obtaining a wide variety of new data services is going to be the driving force for further development of new types of network and new technologies. In the coming year,

we will be dealing with intelligent networks, smart electronic devices and advanced access techniques. Therefore, more and more emphasis on deeper understanding of fundamentals of Electronics and Communication, Digital Processing, knowledge of state of the art fabrication of RF Devices, computing, new protocols and access techniques are essential both for faculty and students.

The Department has been adding new Infrastructure/ laboratories every year to improve the capacity and capabilities to carry out new projects and experiments. Applied Research is the prime focus of the Department. The Department has identified various key thrust areas for research and development which includes VLSI Design, Mobile & Wireless Communications and DSP Development and growth of faculty is given special attention. Faculty is encouraged and sponsored for higher studies and sent for participation in seminars and conferences. Faculty is also engaged in organizing AICTE sponsored Staff Development Programmes. Consultancy is being offered to quite a few companies. It is our commitment to continuously strive for imparting high quality education and training to our students, so that they are moulded into competent professionals. The students of the department have been participating in the 'Best Project' event organized by Faridabad Industries Association (FIA) and projects made by them have been adjudged as the best in the last five years. The Department consciously encourages students to attend value added courses to bridge the gap between the requirements of the industry and the topics covered in the curriculum.

The Department comprises qualified, stable and experienced faculty members drawn from the academia and industry. They have MTech/PhD qualifications. The faculty lays great emphasis on continuous evaluation by means of well designed tutorials and practicals. Every effort is made to reinforce the concepts taught in the classroom. The faculty members are constantly encouraged to contribute towards development and publication of text books and research papers.

The Department has state-of-the-art, well equipped laboratories with adequate facilities catering to the requirements of undergraduates, postgraduates and research scholars particularly in the area of High End Electronic Design, Microcontrollers, Microprocessors, Embedded System Design, VLSI Design, Antenna Design, Simulation and Digital Signal Processing. Laboratory equipments are regularly upgraded. In the laboratory, the emphasis is on developing students' ability to construct and understand various types of electronic circuitry.



The Department since its inception in 1997 has kept itself well abreast of the ever changing demands of the industry and technological developments taking place. To give greater emphasis on education methodology, guest lectures, seminars, personality development programmes, educational tours, industrial visits and quizzes are organized. The department has linkages with industry and scientific research organizations like the Department of Science and Technology and DRDO. The department has offered consultancy to various industries. The student chapter of Institution of Engineers India (IEI) is fully functional in the department.

PROGRAMMES OFFERED

B.Tech- Electronics and Communication Engineering (4 year/ 3 year with Lateral Entry)

M.Tech- Electronics and Communication Engineering (2 year)

The detailed semester-wise course structures along with study schemes for the programmes are available on MRIU website.

PLACEMENT OPPORTUNITIES

Placement opportunities are available in Public sector companies like BEL, BSNL, BHEL, NHPC, NTPC, DMRC, C-Dot, HAL, Airport Authority, BARC, ISRO, DoS, DST, NPL etc. Other sectors which offer job opportunities are DRDO, Armed Forces, Railways, Technical Universities, Banking sector and State Electricity Boards. Large MNCs and IT companies namely Infosys, TCS, Wipro, L&T Infotech, HCL, Hewitt, Satyam, Tata Telecom, NIIT, Siemens, Huawei, Ceasefire, Capital IQ etc. are the major recruiters. Students also opt for higher studies and some join the family business. New organizations handling IPR and Patenting also offer job opportunities to our students.

Over the last few years, the department has seen excellent placement with over 80 % of its eligible / willing students placed in the Armed Forces, Public and Private sector corporations including BSNL, NHPC, Infosys, TCS, Wipro, L&T Infotech, HCL, Hewitt, Satyam, Tata Telecom, NIIT, Honeywell, IFB, Sony India, Cognizant, Siemens, Huawei, Nokia, Catalyst Business Solutions, Ceasefire, Capital IQ, Airtel, Data-64 etc.

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING



Dr. Anita Khosla
Associate Professor and Head of Department
Qualifications: B.Tech, M.Tech, PhD
Experience: 21 Years
Areas of Interest: Control System, Power Electronics

The Electrical & Electronics Department commenced its activities in 2007, in view of the fact that there is a huge deficit in the demand and supply of well-qualified Electrical Engineers in the country. This Department adopted a teaching programme to develop in each student the mastery of fundamentals, motivation for learning, intellectual efficacy and self-reliance which provide the best foundation for continuing professional achievement. This shall prepare the students to deal constructively with issues and problems anticipated in the coming decades relevant to the technological development of our country in general and power / energy sectors in particular.

The infrastructure and lab facilities are upgraded from time to time and provide adequate opportunities for students and researchers to learn and innovate. Major softwares available for Research/ B. Tech. and M. Tech. Projects include Lab View, Matlab, Simulink and Digsilent for Loadflow Studies and Power System Simulation. Project Lab is equipped with additional hardware like PLC kits of Allen and Bradley and Mitsubishi. Necessary equipment is available for measurement, characterization and synthesis of Electrical, Electronics and Instrumentation Systems. The major laboratories are: Electrical Machines, Instrumentation, Power Electronics, Network Theory, Control Systems, Power System, Simulation and Project Lab.

MRIU has recently collaborated with Su-Kam to jointly offer B.Tech in Electrical Engineering programme with specialization in Power Electronics. SU-KAM is India's largest power solutions company which has presence in 90 countries worldwide and holds a record for being the only company in this field to file for over 100 patents. It manufactures more than 200 products including various solar products, UPS, batteries and customized solar solutions. As per the need of curriculum, Su-Kam shall facilitate opportunities for students for industrial visits, industry integrated projects and six months Industry Internship. This programme will assure placement in various companies in India at minimum package of 3.4 Lac per annum or as per the market norms at that time. A letter of intent shall be given to the students at the time of admission specifying all terms and conditions to be met by the students for the assured placement under this programme. A letter of offer shall be given to the students who meet placement criteria within 15 days from the date of declaration of 8th semester results.





The Department has MOU with Mitsubishi Electric India (MEI) Private limited. Under this agreement, students and faculty members are given training on PLC kits at MEI office, Gurgaon as well as university campus. Faculty members and students attend webinars hosted by MEI resource persons on regular basis.

There is a student chapter in association with Institute of Engineers (India) in the department. Various events like technical quiz, seminars, paper presentation etc. are organized under its umbrella.

The department has highly qualified and experienced faculty drawn from both industry and academia. All faculty members in the department are either M.Tech or Ph.D. Academic growth of faculty is encouraged through their participation in various short term courses, National/ International conferences and seminars and higher studies.

PROGRAMMES OFFERED

- B.Tech.- Electrical & Electronics Engineering (4 year / 3 year with Lateral Entry)
- M.Tech. Electrical & Electronics Engineering with specialization in Power Systems and Electrical Drives (2 Year)

The detailed semester-wise course structures along with study schemes for the programmes are available on MRIU website

PLACEMENT OPPORTUNITIES

After completing B.Tech. in Electrical & Electronics Engineering there are a number of job opportunities for candidates both in public sector and private sector. All manufacturing units in public and private sector needs Electrical Engineers. They are also required by almost all government sector companies. Some of the companies who regularly recruit electrical engineers are listed below.

- Power Grid Corporation of India Limited (PGCIL)
- Bharat Electronics Limited (BEL)
- National Thermal Power Corporation (NTPC)
- Bharat Heavy Electricals Limited (BHEL)
- Steel Authority of India Limited (SAIL)
- Oil and Natural Gas Corporation (ONGC)
- Coal India Limited (CIL)

The candidates can find job opportunities in Production plants, Design industries, Petroleum industry, Natural gas plants etc. in the private sector as well. They can join as graduate engineer trainee and management trainee in many premier Educational and Research Institutions. One can even apply for the Indian Engineering Services Examination after B.Tech. Apart from this, students also go for higher education and entrepreneurship. Over the last few years, around 60% of our students have been placed in public and private sector corporations including IES, Indian Army, Coal India Ltd., BARC, TCS, Wipro, L&T Infotech, Luminous Power Technology Andrew Hydro, Honeywell, Ceasefire, Avery India, Omaxe Auto and Debbas Prime Solutions etc.

DEPARTMENT OF MECHANICAL ENGINEERING



Dr. Ran Vijay Singh
Professor & Head of Department
Qualifications: B.Sc. Engg, ME, Ph.D
Experience: 19 Years
Areas of Interest: Production Engg.

The Mechanical Engineering Department was established in 1997. It has grown in stature over the years considering its performance and achievements. The B.Tech.-Mechanical programme offered by the department had been accredited by NBA twice, firstly in 2003 and then in 2007.

Mechanical Engineering being very versatile branch remains the most preferred programme for admission seekers. The department offers following programmes at Graduate / Post Graduate level apart from Ph.D degree.

1. B.Tech in Mechanical Engineering
2. B.Tech in Mechanical Engg. (Industry Integrated)
3. M.Tech. Mechanical Engg.

B.Tech. - Mech Engg. (Industry Integrated) programme is jointly offered with the JBM Group of Industries in which academic delivery shall also be made by Industry Experts in 3rd and 4th year. Programme includes 6 months structured industrial training in selected industries and assured placement in specified industries with minimum package of Rs. 3 Lac per annum subject to fulfillment of certain conditions.

'Expanding leadership in our business by creating an agile environment that delivers excellence and delight to stakeholders through the power of people, innovation and technology'.



JBM Group, a \$1.35 billion conglomerate is the India's leading business house with interests in automobiles, engineering & design services, renewable energy and education sectors. Founded by Shri. S.K. Arya in 1983, JBM Group is a global enterprise headquartered in New Delhi, with an infrastructure of 35 manufacturing

plants and 4 Engineering & Design centres across 18 locations globally. JBM is a Tier-1 component supplier to Maruti Suzuki, Mahindra & Mahindra, Honda Motors, General Motors, Ford, Fiat, Renault-Nissan, Volkswagen, Tata Motors, Toyota, Hero Moto Corp, TVS Group, Yamaha, Ashok Leyland, Volvo-Eicher and JCB. JBM Group has two listed entities, namely, Jay Bharat Maruti Ltd and JBM Auto Ltd.

With a focus on customer delivery, the multifaceted conglomerate has pioneered the concept of "Art to Part" wherein a dedicated team of professionals consult with the client in the development of new products right from the design stage till the final stage of production.

The Group boasts of alliances and associations with internationally renowned companies like Arcelor Mittal, Cornaglia, Dassault Systems, JFE Steel Corporation, Magnetto (CLN Group), Ogihara, and Sumitomo Corporation. Each alliance has been given the independence to chart its own future and simultaneously leverage synergies across its competencies. With 20,000 employees delivering dedicated services over 3 decades now, it has been a constant endeavour to explore new dimensions, which today forms the fabric of JBM Group.

In line with its philosophy of keeping abreast with the times, JBM has recently forayed in the business of solar power generation wherein the group targets to have a combined capacity of 300 MW over the next 3 years. The group had announced its foray into bus manufacturing last year with an aim to transform the public transportation domain in the country.

PROGRAMMES OFFERED

- B Tech- Mechanical Engineering (4 Year / 3 Year with Lateral Entry)
- B Tech- Mechanical Engineering - Industry Integrated (4 Year)

This programme is jointly offered with JBM group of Industries in which academic delivery shall also be made by Industry Experts in 3rd and 4th year. Programme includes 6 month structured industrial training in selected industries and assured placement in specified industries with minimum package of Rs. 3 lac per annum subject to fulfillment of certain conditions.

- M.Tech. Mechanical Engg. (2 Year)

The detailed semester-wise course structures along with study schemes for the programmes are available on MRIU website.

PLACEMENT OPPORTUNITIES

Mechanical engineers generally have vast opportunities in industry. Automobile manufacturers, auto ancillary units, power plants, refrigeration and air-conditioning manufacturers, general manufacturing industry, refineries, pipelines and hospitals are some of the areas where mechanical engineers can find employment. Research and Development organizations such as ISRO, DRDO and CSIR etc also have a large requirement of mechanical engineers. They can also be absorbed in armed forces and maintenance services. Our past students have been absorbed in industry giants like Maruti, JBM and other organizations.



SCHOOL OF APPLIED SCIENCES

The school of Applied Sciences and Mathematics functions as an Academic Facilitation Unit within FET in which courses like Applied Physics, Applied Mathematics, Industrial Chemistry, Holistic Wellness & Life Skills, Professional Communication and Environmental studies are offered primarily to 1st Year B.Tech students. Some of the courses are also offered during the higher semester which includes Numerical Methods and Optimization Techniques, Industrial Management & Entrepreneurship, Quantitative Aptitude, Quantitative Aptitude and Personality Development, Soft Skills and Foreign Languages in addition to electives. Beside these courses, the departments under this school namely Department of Physics, Department of Chemistry and Department of Mathematics also offer postgraduate Programmes.

Courses offered in these departments build foundations for engineering knowledge and skills in the respective disciplines. Applied Physics provides a sound science base for all engineering disciplines during I and II semester. Industrial Chemistry has contributed significantly to engineering fields like polymer technology, material science, industrial waste management etc. Environmental Studies sensitize the students regarding the current environmental issues and awareness regarding the ways to protect and create a culture of green environment. Applied Mathematics is all pervasive and no field of engineering is complete without it. Students are therefore given a thorough grounding in Mathematics during first year and advanced subjects in subsequent years.

On the whole, the students in the first year are trained to explore, to innovate, to analyze and to acquaint themselves with the applications of basic sciences in engineering and technological areas. The students are individually encouraged to perform experiments and handle the instruments. The departments have well equipped laboratories with modern facilities including R&D lab. In addition, the first year students under the guidance and control of the Applied Sciences are exposed to the following laboratories of the other departments, namely, Computer Programming Lab, Computer Aided Drafting, Workshop Practices-I and Workshop Practices-II.

All the departments have highly qualified, experienced and dedicated faculty which helps in creating an exciting academic and research oriented environment. In order to inculcate research aptitude, skills and synergy among first year B. Tech students and faculty, Workshops and Conferences are conducted from time to time in the departments. From the first year itself, the institute tries to infuse self confidence in the students and help them to develop the skills and demeanor of lifelong learning so that they become academically competent and capable of facing the future with resilience and optimism.



DEPARTMENT OF PHYSICS



Dr. Devi Singh
Associate Professor & Head of Department
Qualifications: Ph. D. (Delhi University),
M. Sc. (Delhi University)
Experience: 14 Years
Areas of Interest: Material Science,
Polymer Fibres

Department of Physics offers an opportunity to B. Tech. students to understand the fundamentals of basic physics that underlies most developments in engineering. Emphasis is given on hands-on experience of modern experiments of Physics and an excellent preparation of students for a broad range of careers.

The department has highly competent and experienced faculty members who are involved in research activities in various fields of Solar Energy, Material Science, Plasma Physics, Nanotechnology and Polymers. About 70 research papers have been published in reputed National/International Journals and conferences. 8 students are registered in the department for their Ph. D. work in various areas of research. Last year, the Faculty has published 3 research papers in International and National Journals and Conferences. The Department has a fully equipped Physics Laboratory with major facilities such as Fiber Optics Setup, Laser Setup, Hall Effect and Four Probe Apparatus.

PROGRAMMES OFFERED

Ph.D Programmes in Solar Energy, Material Science, Plasma Physics, Nanotechnology and Polymer fibres.

DEPARTMENT OF MATHEMATICS



Dr. Arti Mishra
Associate Professor & Head of Department
Qualifications: Ph.D (Mathematics)
Experience: 13 Years
Areas of Interest: Real Analysis & Topology

Department of Mathematics offers an opportunity to B.Tech. students to understand the charm of digits and equations. Mathematics is a foundation course to provide mathematical background to the students so that they are able to understand the engineering subjects. The department teaches various topics in mathematics to undergraduate and postgraduate students of different engineering departments.

The department has experienced and research oriented faculty members who are involved in research activities in different fields of applied and pure mathematics like Biomathematics, Fluid dynamics, Solid Mechanics, Seismology, Photon Crystals, Topology, Fuzzy theory, Fixed point theory and Reliability. Faculty members have contributed more than 53 publications in referred National/International Journals and conferences. 6 Ph.D. students are registered under faculty members of the Department. In the year 2014, faculty members have published 7 papers in National/International journals and contributed 5 papers in National / International conferences.

PROGRAMMES OFFERED

- **Ph.D. Programmes** in Mathematical Modeling in Biosciences, Real & Topological Analysis and Fixed Point Theory.



DEPARTMENT OF CHEMISTRY



Dr. Mukta Sharma
Associate Professor & Head of Department
Qualifications: M. Phil, PhD (Chemistry)
Experience: 13 Years
Areas of Interest: Corrosion Chemistry

Department of Chemistry, right since its inception is studded with highly qualified, experienced and research oriented faculty members. The academic activities of the department emphasize on the understanding of the fundamental principles of Industrial Chemistry and Environmental Science in various fields of Engineering for B. Tech students. Departmental Lab is well equipped with modern equipments and facilities.

Faculty members have contributed more than 150 publications in reputed National and International journals and conferences. It has been guiding 09 Ph.D students in different areas of research. Two AICTE sponsored research projects worth Rs 14 Lakhs on "Bio-diesel Purification" and "Development of Composite Polymer Electrolyte films" have been successfully completed by the department. Faculty members have published 12 papers in National and International Journals and conferences during the last one year.

The department has a fully equipped Chemistry Lab with major facilities which include Spectrophotometer, Potentiometer, Conductivity meter, pH meter, Red Wood Viscometers, Pensky Marten's Apparatus.

PROGRAMMES OFFERED

Ph.D. programmes in broad areas like Composite Polymer Electrolytes for Electrochemical Batteries, Bio-diesel Purification, Solar Stills, Synthetic Organic Chemistry, Nano-technology, Colloidal Chemistry, Corrosion Chemistry, Analytical Chemistry and Bio-catalysis.

The detailed semester-wise course structure along with study scheme for the PG programme is available on MRIU website.



FACULTY OF APPLIED SCIENCES (FAS)



Dr G.L. Khanna
Professor & Dean

Qualifications: B.Sc. (Hons)-Human Physiology, M.Sc.-Human Physiology, PhD

Experience: 31 Years

Areas of Interest: High Performance Sports physiology, Ergonomics, Hydration

The present era is marked by specialization, technological innovations, intra-disciplinary amalgamation and interpretation. To cater to the emerging needs of the changing world, Faculty of Applied Sciences offers Under Graduate, Post graduate and Research Programmes in Physiotherapy and Nutrition & Dietetics. The Post Graduate Programme in Physiotherapy offers specialization in Sports, Musculoskeletal, Cardio-pulmonary and Neurology. The Post graduate Programmes of Nutrition & Dietetics offers specialization in Clinical Nutrition, Sports Nutrition and Food Science and Technology, all of which have vibrant scope in clinical as well as industrial setting. These Programmes provide in-depth study and comprehensive practical as well as professional knowledge of immense value in view of global acceptance. The Faculty of Applied Sciences boasts of practical based curriculum, backed by state-of-the-art laboratories, sound infrastructure as well as innovative & interesting learning procedures.

The intellectual capital of FAS is highly qualified, well experienced and research oriented. The faculty members actively participate in academic activities other than teaching and research engagements and extend every support in organizing academic and professional activities of high credentials from time to time. FAS maintains active interface with the public and private entrepreneurs of health industry and other promotional organizations to understand the future needs and demands.

The Faculty of Applied Sciences looks forward to welcome aspiring students who want to make a bright career in these spheres and I extend my best wishes to them.

ABOUT FACULTY OF APPLIED SCIENCES

The Faculty prides itself on creating an environment of substantial academic freedom overlaid by rigorous, self-imposed standards of excellence and socially responsive practices. We at FAS, willingly submit ourselves to a unique, rigorous, open, and continuous process of appraisal and feedback from the students. Our faculty plays a hands-on role in the governance of the teaching methodology and assumes total ownership of collective decisions, while keeping themselves abreast of current developments in the related fields of Physiotherapy, Nutrition & Dietetics. Faculty of Applied Sciences brings out MR International Journal of Applied Health Sciences - a broad ranging interdisciplinary journal focusing on the changing Scenario of health related issues in the modern society. The journal continues to provide an international forum for original articles and reviews.

RECENT ACADEMIC ACTIVITIES AT FAS IN 2015

- 7th Asia Pacific Conference on Exercise and Sports Science 2015. Faculty of Applied Sciences organized the 7th Asia Pacific Conference on Exercise and Sports Science 2015 (APCESS 2015), the bi-annual conference of the Asian Council of Exercise and Sports Science (ACCESS) from October 14th to 16th, 2015. The conference theme was "Interdisciplinary Applied Approach to Health and Performance Enhancement through Sports Science". Around 990 delegates and renowned speakers from more than 40 countries / regions participated and deliberated over various issues of Sports Science & technology and physical education. The interactions covered recent approaches in Sports development through sports sciences, Health and yoga, Emerging trends in latest technology in sports, Biomechanics, Sports Philosophy, Sports Pedagogy, Sports Marketing, Sports Nutrition, Sports Physiotherapy, Ergonomics and Prosthetics Adapted Physical Education, Dope control, Indian Culture to physical Activity and Sports. Approximately 20 young research scholars from a number of countries like China, Croatia, Czech Republic, Germany, Malaysia, Serbia, Singapore, South Korea, Thailand, Turkey, Zimbabwe associated with APCESS as Future Leaders.





Additionally Faculty of applied Science conducted workshops and seminars on various health related issues

- International Workshop on Physiological basis of Training & Exercise Prescription
- International Seminar on Contemporary Perspectives on Health
- International Seminar on Growth & Development
- International Conference on Neurological Rehabilitation: Indo Japanese Conclave-2: Connecting the Connections
- International Seminar on 'Use of Technology in Combating Obesity among Children, Youth and the Community'
- International Workshop On Sports Training
- Workshop On Shoulder Joint Advances And Therapeutics
- A Series of Workshops on Isokinetic Dynamometer training.
- First ever International hands on workshop on Spinal Mobilization: Osteopathy & chiropractic Techniques
- First ever International Kinanthropometry Certification Course- ISAK-Level-1 & 2
- Workshop on Neural Tissue Mobilization Techniques
- Pre- Neuraxis International Workshop on Therapeutic Applications of Electrical Stimulation and Functional Electrical Stimulation (FES)
- International Workshop on Yoga Therapy at Finland University.

INTERNATIONAL TIE-UPS

Faculty has academic and research collaborations and Faculty/student exchange Programmes with several universities around the Globe, such as

- Lahti University of Applied Sciences, Lahti, Finland
- Leeds Metropolitan University, Leeds, U.K.
- Universiti Sains, Malaysia
- Teesside University, U.K.
- Universiti Pendidikan Sultan Idris, Malaysia
- Tsukuba University, Japan
- GERLEV PHYSICAL EDUCATION & SPORTS ACADEMY, DENMARK

CLINICAL TRAINING PARTNERS

Students of Physiotherapy and Nutrition & Dietetics undergo internship/training at the prestigious hospitals and institutions

- Metro Hospital, Faridabad
- Batra Hospital, Delhi
- Research & Referral Army Hospital, Delhi.
- St. Stephens Hospital, Delhi
- VIMHANS Hospital, Delhi,
- Bara Hindu Rao Hospital, Delhi
- Holy Family Hospital, Delhi
- ESI, Basai Darapur, Delhi
- Asian Institute of Medical Science, Faridabad
- Institute of Brain & Spine, Faridabad,
- Sarvodaya Hospitals, Faridabad.
- PGI, Chandigarh
- Fortis Escorts, Faridabad
- Fortis Escorts, New Delhi
- Sunflag Hospital, Faridabad
- Primus Hospital, New Delhi
- Columbia Asia Hospital, Gurgaon
- Jaipur Golden Hospital, Delhi
- Majidia Hospital, Delhi
- Artemis Hospital, Gurgaon
- Apollo Hospital, New Delhi
- Paras Hospital, Gurgaon
- Medanta Medicity Hospital, Gurgaon
- Kailash Hospital, Noida
- Metro Heart Hospital, Faridabad

COMMUNITY SUPPORT SERVICES

The FAS regularly organizes community Health Camps, Awareness weeks, Community Visits and physiotherapy and nutrition support at various events as part of Corporate Social responsibility. The students guided by faculty provide free assessment, counseling and treatment facilities and advice on various lifestyle related and postural disorders. To emphasize the importance of health and create awareness among students World Physiotherapy Day, National Nutrition Week, Osteoarthritis Week, Geriatric Week etc. are celebrated by organizing health talks and camps.

CLINICAL SERVICES

Out-Patient Clinical Services

The outpatient department has a busy practice catering patients from all over Haryana, NCR and from various sports teams. The OPD is very well equipped with sophisticated instruments and supported by our experienced clinical staff.

The Department runs specialized OPD in the form of

- Cerebral Palsy Clinic
- Stroke Clinic
- Geriatric Clinic
- Sports Injury Clinic
- Obesity Clinic
- Prosthetic and Orthotic Clinic

Clinical Research

State-of-the-art labs to perform in depth assessment & analysis of

- Sports and Exercise testing Lab
- Neuro physiotherapy Lab
- Muscle Performance Lab
- Prosthetic and Orthotic Lab

All labs are supported by well equipped therapeutic gymnasium. The FAS conducts both basic and applied research in the aforementioned areas. Currently many diverse research projects have been undertaken in many different spheres for the development of professionals and disciplines.

Over 100 research articles have been published in national and international journals in the past 3 years.

PLACEMENT OPPORTUNITIES AT FAS

- Multi Specialty Hospitals/Nursing Homes/Rehabilitation Centres
- Team Physiotherapist in various sports & Sports & fitness centres
- Research and development works in the pharmaceutical companies and institutional laboratories
- Teaching Faculty in Colleges and University.
- Schools for mentally retarded and physically disabled children
- Defense medical establishments
- Medical Underwriting
- Excellent jobs opportunities in countries like USA, Australia and Canada.
- Health departments
- Self Enterprenurship
- Airlines and Railways
- Counselors in Schools
- Non-Governmental Organizations
- Food Industry
- Consultant for Multinational Companies
- Quantity food service establishments
- Health and wellness industries
- International Organizations (UNICEF, UNDP, WHO)

100% on Campus Placement assistance is provided. Alumni are placed with AIIMS, Batra, Bharti Enterprises, Apollo Hospital, Qi Spine, Religare, United Health Group, Kareer Gateway, Jindal Industries, Genpact, VLCC, Nutrilife and other leading Government and private Hospitals.



DEPARTMENT OF PHYSIOTHERAPY



Dr. Pooja Anand
HOD, Physiotherapy
Qualifications: MSPT, MIAP, Ph.D (Pursuing)
Experience: 12 Years
Areas of Interest: Exercise Physiology & Sports Rehabilitation

Department of Physiotherapy, Faculty of Applied Sciences at Manav Rachna International University has set a benchmark in the academics, clinical practice and research in Physiotherapy. The Faculty of Applied Sciences has been successfully running Undergraduate, Postgraduate and Ph.D. Programmes in Physiotherapy keeping in view the recent advances in the Physiotherapy curriculum and research. The department is well supported by well equipped physiology, Anatomy, Biochemistry, Exercise Therapy, Electrotherapy Manual Therapy and Isokinetic labs to provide students ample practice of tests and procedures.

To keep up with the latest trends and skills, the department organizes the workshops, CME and hands on Programme for professional and intellectual development on regular basis. Our students get ample international exposure in the form of workshops, seminars and sponsored trips to various academic institutions in different parts of the world which has helped our students to get placed in the top institutions. Many of our students are excelling outside India in various specialized departments.

STUDENT PARTICIPATION

- Student Exchange Programme with Lahti University Of Applied Sciences, Lahti, Finland
- Participation of Students in Scholarship Programmes offered by Tsukuba Summer Institute at the Tsukuba University, Japan
- MPT and BPT students exchange Programme with Leeds Metropolitan University, Leeds, England
- Regular Participation of MRIU Students at International Physiology Quiz at Universiti Sains Malaysia
- MRIU students placed as Dope Control officers at National and International events

PROGRAMMES OFFERED

Bachelor of Physiotherapy (B.P.T)- 4½ year full-time (Regular course divided in eight semesters with six month internship)

Master of Physiotherapy (M.P.T) - (2 Year)

(With specializations in Musculoskeletal, Sports, Neurology and Cardiopulmonary physiotherapy).

The detailed semester-wise course structures, designed on CBCS pattern along with study schemes for the programmes are available on MRIU website.



DEPARTMENT OF NUTRITION AND DIETETICS



Gurjeet Kaur Chawla

Associate Professor & Head of Department

Qualifications: MSc, MBA, B.Ed, Ph.D (Pursuing)

Experience: 16 Years

Areas of Interest: Nutrition & Health Promotion, Community Resource Management

There is increasing evidence that dietary factors are inherent in four of the ten major causes of death in India. Obesity is now endemic and is linked to the increasing prevalence of diabetes. Concerns about the safety of the food supply have increased and there is a major initiative to improve food safety. The Department of Nutrition and Dietetics, at Faculty of Applied Science addresses these and related issues through teaching, strong research and outreach in Clinical Nutrition, Community Nutrition, Sports Nutrition, Health Promotion, Food Safety and Quality. The Department offers a plethora of Academic and Co-curricular activities at various platforms be it a school, community or corporate like NTPC, ONGC, IBM that shapes students' careers and make them distinct from others in their chosen field of specialization.

The Programme has been designed to build and enhance skills of the students to meet industry requirements and also offers students a Dietetic Internship in various multi specialty hospitals/ Industrial Training Programme. The Department pays special attention to Industry-University Collaboration to leverage student's placements, Joint R&D Projects with various National and International Organizations. Being a member of the Indian Dietetic Association (IDA) and Nutrition Society of India (NSI), all faculty members and students play a very active role in their academic and industrial Programmes. Department endeavors international partnership that promote the exchange of information and resources, create opportunities and promotes excellence in higher education through student-faculty exchange Programme in co-operation with leading International Universities.

Major Research areas include

1. Food Analysis-Development of new food products along with organoleptic evaluation.
2. Research into the role of food in promoting and sustaining health with respect to diet and nutrition, consumer choice and public health.
3. Assessment of KAP (Knowledge, Attitude and Practices) Regarding Safety and Quality of Foods to assess consumer awareness.
4. Nutrition education intervention Programmes to assess the efficacy of the educational material developed among the subject groups for eg-Hypercholesterolemia.
5. Develop and provide best possible tools for dietary surveys.
6. Develop and test interventions to bring about dietary improvements in the general population and in risk groups.
7. Inform and develop dietary recommendations in order to improve nutritional well-being: Diet and Cardiovascular Health, Diabetes, Nutritional Status and Function, Diet and Health.

Association with Industry: Masters students associated with hospitals and other organizations are working as nutritionists/ Dieticians/ Consultant Nutritionists on project basis getting hands on practical training with national and international organizations like UNICEF, Saffola, IBM, Nestle etc

Industrial visits and guest lectures: Industry-Institute interaction is an important aspect of our curriculum. The Department arranges student's visits to different corporate giants like DIPAS, Yakult, Mother Dairy, Tilda rice, Haldirams, Flight Kitchen, Britannia, Chintamani etc. These industrial visits provide hands-on practical exposure and help in multi-dimensional development of the students, giving them the edge over others in terms of industrial exposure. The Department also keeps on organizing various events in association with reputed organizations besides professional association with Indian Dietetic Association (IDA), Nutrition Society of India (NSI) and various scientific projects in association with Sugar and Health Industries. It also invites knowledgeable people from corporate and academics to interact with the students and widen their horizon.

MEMBERSHIPS

Membership Recognized by Indian Dietetic Association and Nutrition Society of India.

PROGRAMMES OFFERED

- **B.Sc. - Nutrition & Dietetics (3 year)** including two month clinical/ industrial training
- **M.Sc. - Nutrition & Dietetics (2 year)** with specialization in:
 - Clinical Nutrition and Dietetics
 - Food Science and Technology
 - Sports Nutrition
 - Public Health Nutrition

The Nutrition and Dietetics Programme provides a greater understanding of the scientific basis of nutrition and the influence of good nutrition on health. The course has a multidisciplinary emphasis providing a broad base of knowledge and skills. This provides the student with an opportunity to interact with the community and participate in the development process.

The detailed semester-wise course structures, designed on CBCS pattern along with study schemes for the programmes are available on MRIU website.



FACULTY OF COMMERCE AND BUSINESS STUDIES (FCBS)



Dr. Suresh Bedi

Dean - FCBS and Director, IQAC

Qualifications: MA (Soc), M.Com, Ph.D
(International Economics)

Experience: 39 Years

Areas of Interest: Research Methodology,
Quantitative Techniques, Project Management,
and International Business

In the present economic scenario, the entire world is globally interconnected and dependent intimately on each other for development. Since all economies are moving ahead, hand in hand, and striving hard for economic prosperity, the variety of the jobs virtually in every sector and specialization required has grown enormously not only within the country but across the globe. To be able to grab this ever growing opportunity, the present day student is required to be well informed on all aspects of the development on the one hand but also be thoroughly competitive.

With this end in view and to produce students of immense caliber and confidence, we at MRIU are sincerely treading this path with a variety of technical and non- technical courses. Our over-riding aim, across all subject disciplines, is to foster a love for learning and to stimulate creativity, intellectual curiosity and independent thought. Emphasis is placed on taking individual thinking and learning styles into consideration when planning, teaching and assessing. In the delivery of curriculum, there is an emphasis on the development and use of critical thinking skills. Risk taking is valued.

Faculty of Commerce and Business Studies (FCBS) is one of the oldest departments of the university engaged in teaching and research in Commerce and Business Studies.

Incepted in 2009 as Faculty of Business Administration and Computer Applications, the faculty was renamed as Faculty of Commerce & Business Studies to reflect its true character. It offers contemporary and cutting-edge programmes in Commerce and Business studies which are in great demand in the market.

Currently, the Faculty consists of two departments, namely, Department of Commerce and Department of Business Studies. The Department of Commerce is already offering the courses of B.com (Honors) and B.com (Honors) Industry Integrated at the under- graduate level and is launching M.com programme w.e.f July 2016 at the Post- graduate level. Simultaneously the department is offering Doctoral Programmes in Commerce to meet its research requirements. B.com (Honors) Industry Integrated Programme is being offered in collaboration with KPMG to impart practical exposure and professional training to the students.

The Department of Business Studies offers three programmes at the under- graduate level, namely, BBA (General), BBA (Banking), and BBA (Global) International Business. BBA (Banking) Programme is offered in collaboration with NIIT to give contemporary practical exposure and training in the area of banking to enhance employability.

The thrust areas of the department include Accounting Standards, Auditing, Mergers and Acquisitions, Financial markets, e-commerce, Banking, International Business, Brand Management and Micro Finance. All the courses in the Faculty follow choice-based credit system as per UGC guidelines.

The Departments under FCBS have highly qualified faculty with wide experience, industry exposure and research orientation. The faculty has published research papers in reputed professional journals. The Departments run special Enrichment Series Programme (ELPS) beyond regular teaching. The objective of ELSP is to expose the students through a series of lectures by different experts to the current issues and areas of inter-disciplinary interest so as to broaden their mental horizon, improve general awareness and strengthen critical thinking which will help in their career progression.

Academia-Industry Interface development is given utmost importance. A 12-weeks summer training for all the B.B.A Programmes has been embedded in the curricula. The course work is supplemented by industrial visits and lectures from eminent persons from academics/experts from industries and Government We also arrange educational tours for our students. The students / faculty members jointly organize various activities to sharpen the skills of the students such as panel discussions, seminars, business news analysis and case discussions.

The Departments lay great emphasis on practical and interactive teaching and undertake special measures for personality development, leadership qualities, business communication, decision-making, negotiation skills and value orientation. Apart from rigorous classroom teaching, the students are given online practical assignments from time to time. There are regular mentoring sessions for each student in which academic problems of students are individually discussed and resolved.



The Faculty has modern classrooms with quality audio-visual equipments and computer labs with latest software and equipments. It is in the process of establishing a Finance Lab to give practical training in financial market operations. The entire campus is Wi-Fi enabled with good connectivity. The students have access to world-class library stocked with a large number of books, professional journals and other academic resources. The departments regularly conduct sessions under Faculty Recharge Programme which provides a unique opportunity to the faculty to upgrade and rejuvenate themselves through experiential learning.

40 Hours Business Process Course of SAP has also been embedded as a part of curriculum for Bachelor in Business Administration (all specializations), B.Com (Hons) & B.com -Industry Integrated to make our students recruitment ready for job opportunities in IT industries and other enterprises. Arming our students with knowledge of SAP technology can give them an extra edge once they leave their institutions and enter workplace. The program will help to close the SAP skills gap in the information and communication technology market. Other SAP modules relevant to disciplines of engineering and business studies will also be offered at MREI.

Academia-Industry Interface development is given utmost importance. A 12-weeks summer training for all the B.B.A Programmes has been embedded in the curricula. The course work is supplemented by industrial visits and lectures from eminent persons from academics/experts from industries and Government. We also arrange educational tours for our students. The students / faculty members jointly organize various activities to sharpen the skills of the students such as panel discussions, seminars, business news analysis and case discussions.

We welcome all the students in the new academic session & wish them success in the exciting journey to the wonderful world of business.

DEPARTMENT OF COMMERCE



Dr. Jayender Verma
Head of Department

Qualifications: Masters in Commerce,
Ph.D (Finance)

Experience: 13 Years

Areas of Interest: Accounts and Economics

Research Interest: Finance and Economics

Presently the Department is heading towards new horizons under the leadership of Dr. Jayendra Verma, Head of Department of Commerce. The Department has been committed towards promoting high quality professional accounting. The course is designed by a diverse range of academic offerings & experience to a multiplicity of paradigms. The course structure integrates a balance of Theoretical Analysis & Professional practices. Students are trained by renowned faculty which seeks to prepare well equipped accountants who can tackle new emerging challenges in the market and to excel in their chosen fields.

Department of Commerce offers its flagship B.Com (Hons.)- Industry Integrated Programme. The Programme embeds KPMG Course for Accounting Professionals (KCAP) consisting of 288 hrs of classroom teaching and 112 hrs of online industry specific study, thereby ensuring placement in Industrial Sector in general and IT/ITES Sector in particular.

NOTE: B.Com (Hons.) - Industry Integrated Programme includes KPMG Course for Accounting Professionals (KCAP) to be delivered by KPMG Experts with 100% placement assistance with a package of about Rs. 3 Lac per annum. B.Com (Hons.) is similar to B Com (Hons)-Industry Integrated except that it excludes KCAP subjects.

The growing importance of commerce has propounded the necessity of human resource full of business and management skills along with research oriented attitude. Department of Commerce has initiated the endeavours to fulfill the gap of demand and supply of well qualified human resource. The department is devoted to impart knowledge as well as social values for overall development. The department is continuously engaged to develop the overall personality of the students by conducting a number of co-curricular activities like Personality Development workshops, Event Management Programmes, Power Point presentations, Debate and Extempore Speech Competitions, Group Discussions, Essay and Report Writing Competitions.



KPMG INTERNATIONAL AT A GLANCE

KPMG international operates as a network of member firms offering audit, tax and advisory services. They work closely with their clients, helping them to mitigate risks and grasp opportunities. Member firms' clients include business corporations, governments and public sector agencies and not-for-profit organizations. They look to KPMG for a consistent standard of service based on high order professional capabilities, industry insight and local knowledge.

KPMG member firms can be found in over 152 countries. Collectively, they employ more than 145,000 people across a range of disciplines. Sustaining and enhancing the quality of this professional workforce is KPMG's primary objective. KPMG was established in India in September 1993, and has rapidly built a significant competitive presence in the country. The firm operates from its offices in Ahmedabad, Bangalore, Chandigarh, Chennai, Delhi, Hyderabad, Kochi, Kolkata, Mumbai and Pune. Sectors served by KPMG in India and Abroad Defence, Education, Energy & Natural Resources, Financial Services, Government and Public Sector, Healthcare, IT-BPO, Media & Entertainment, Pharmaceuticals, Private Equity, Real Estate & Construction, Telecom, Transportation & Logistics. Further details may be seen at www.kpmg.com/in

PROGRAMMES OFFERED

- Bachelor of Commerce (Hons) - (3 Year)
- Bachelor of Commerce (Hons) - Industry Integrated (3 Year)
- Master of Commerce (M.Com) (2 Year)
- Bachelor of Arts (Hons) - Economics (3 Year)

The Programme of Bachelor of Commerce (Hons) is similar to Bachelor of Commerce (Hons) - Industry Integrated as mentioned above except that it does not include KPMG Course for Accounting Professionals (KCAP).

The detailed semester-wise course structures, designed on CBCS pattern along with study schemes for the programmes are available on MRIU website.

PLACEMENT OPPORTUNITIES

Graduates may be employed in the capacity of

Banking Trading/Selling/Marketing, Government services, Actuarial Services, Consultant in all fields of Commerce, Service provider, Own business, Insurance, Trading, Export houses, Practice in accounts and taxation, Academic positions, e-Business, Stock market operations, Retail sector, Managerial positions in corporate world, CA firm etc.

A student after successfully clearing the Masters Programme in Commerce can get employment opportunities in the following capacity: Banking Trading/Selling/Marketing, Government services, Actuarial Services, Consultant in all fields of Commerce, Service provider, Own business, Insurance, Trading, Export houses, Practice in accounts and taxation, Academic positions, e-Business, Stock market operations, Retail sector, Managerial positions in corporate world, CA firm etc.



DEPARTMENT OF BUSINESS STUDIES



Prof. (Dr.) Amit Seth
MBA, Ph.D. (AMU)

Experience: 30 Years

Areas of Interest: Turn around Management, Entrepreneurship and Skill Development

The Department of Business Studies is established under the Faculty of Commerce and Business Studies. Apart from the regular management subjects which are an integral part of any business oriented course, emphasis is laid upon case studies in the respective functional areas, personality development sessions, guest lectures by experts from industry, seminars by the students on wide ranging topics, management games and industrial visits which help students in understanding the industry and work environment for comfortable adaptation for their career development. The faculty members of the department are well experienced in facilitating the students with strong academic and research background.

Presently, the department is heading towards new horizons under the leadership of the Head of Department of Business Studies. With a vision encompassing aforesaid and providing great leaders to the corporate world in the coming times with a mission of churning out budding managers, the Department of Business Studies is established with focused objectives of giving quality education to the students.

Enrichment Lecture Series Programme (ELSP) is a new initiative by the Department of Business Studies. The objective of the ELSP is to expose the students through a series of lectures by different experts, based on current issues and areas of inter-disciplinary interest so as to broaden their mental horizon, improve general awareness and strengthen critical thinking which will help in their career progression and help them to excel in their chosen fields.

PROGRAMMES OFFERED

Bachelor of Business Administration (3 Year)

Bachelor of Business Administration (Banking) (3 Year)

Bachelor of Business Administration (Global) International Business (3 Year)

The course structure of BBA (Banking) programme is same as of BBA- General except one banking related specific subject in each semester that is delivered by IFBI (Institute of Finance, Banking & Insurance). It is intended to impart specific skills for employability into this sector. Additional courses include:

- Foundation course in Banking & Financial Services
- Financial Products & Services
- Customer Service and Selling skills & Techniques
- Retail Banking
- Application software for Banking Operations
- Corporate & Rural Banking

A mid-term appraisal shall be conducted in the 3rd semester based upon training imparted in banking subjects till date. Students, who fail to achieve the minimum benchmark of 75% attendance and successful passing of banking subjects with minimum 60 % marks or "C+" Grade shall not be offered Letter of Intent (LOI) for placement. Only those students who successfully pass banking module with minimum 60 % marks or "C+" grade and maintain minimum 75% attendance shall be given LOI for assured placement in banks.

The Programme of BBA (Global) International Business is being offered in collaboration with Auckland Institute of Studies (AIS). 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 NZ. AIS has partnered with MRIU to provide curriculum and accreditation support for BBA-(Global) International Business.

The detailed semester-wise course structures, designed on CBCS pattern along with study schemes for the programmes are available on MRIU website.

PLACEMENT OPPORTUNITIES

Graduates may be employed by MNCs, Business houses, Manufacturing and Export/Import organizations in Operations Management, Human Resource Management, Financial Management and other allied fields.

These programmes train the students to become global leaders by way of extensive classroom coaching & practical assignments based on industry requirements. The graduates could expect to work as Managers in Multinational companies and Indian companies in roles like General Management, Marketing Executive, Human Resource Executive, Business Development Executive, Technical or Non-Technical Support staff at KPO/BPOs, General Administration Roles, Sales Executive, Client Servicing, Executive Assistant, Telesales etc. across industries like Financial Services and Insurance Sector, Supply Chain Management, Customer Relationship Management, Operations Management etc



FACULTY OF MEDIA STUDIES & HUMANITIES (FMeH)



Dr. Neemo Dhar

Qualifications: B.Sc, B.A (English Lit),
MA (Public Admn) Ph.D (J&MC)

Experience: 43 Years

Areas of Interest: Strategic Communication
Plans, Media Relations, Public Relations
Management, Corporate Soft Skills Training

Faculty of Media Studies & Humanities (FMeH) aims at imparting quality education in order to cater to the increasing demands of the Media industry. At FMeH, we take up challenges that come with the existing as well as emerging corporate, academic and literary environments. The core strength of FMeH lies in the harmony among all its stakeholders: Students, Faculty, Staff and Management.

It is our firm faith that value based learning can transform a student into an efficient professional and a responsible citizen. It is in this backdrop that we strive to help our students claim their rightful place in the world that is fast turning into a global village. There is a great saying, 'Communication rules the world'. Here at FMeH, we strive to inculcate the habit of developing communication skills among the students.

PROGRAMMES OFFERED

- BA- Journalism and Mass Communication (3 Year)
- M.A - Journalism and Mass Communication (2 Year)
- BA - English (Hons.) (3 Year)
- MA- English (2 Year)

Note: • FMeH has collaborated with NDTV Worldwide, Broadcast Media Consultants as Knowledge Partners for workshops on various aspects of broadcast journalism for both Programmes of B.A and M.A - Journalism and Mass Communication keeping in view the current technology trends, innovations in journalism and up to date workflows for news television. These workshops cover reporting, anchoring, breaking news, news production and the role of a producer, different departments of a news channel, writing for television news, the newsroom scenario, operations - live PCR / camera/ editing / technical overview of modern television newsrooms and Digital Media.

The detailed semester-wise course structures, designed on CBCS pattern along with study schemes for the programmes are available on MRIU website



DEPARTMENT OF MEDIA STUDIES & HUMANITIES



Dr. Suresh Chandra Nayak

Associate Professor & HOD

Qualifications: Ph. D, M.A.M.C
(Mass Communication) M.A.M.Phil (English)

Experience: 09 Years

Areas of Interest: Development Communication & Traditional Media, Advertising & Public Relations, Basic Language Skills, Communication Theory

ACHIEVEMENTS & MILESTONES

- **Ms Srishti Rana**, a student of this Faculty was crowned Miss Asia Pacific 2013.
- **Faculty in collaboration with NDTV Worldwide organised a workshop on "Newsroom Scenario"** for BJMC students on 9th October, 2014. The eminent speakers of the workshop were Mr. Sanjay Ahirwal, Managing Editor, NDTV Worldwide, Ms. Anju Yadav, Production & Operation Head, NDTV Profit & Mr. Madhusudan Srinivas, Senior News Editor, NDTV 24x7. It was an effort to enhance the knowledge & providing a better understanding about Television Journalism.
- **NDTV's workshop on Anchoring:** A four hour workshop was conducted by the department of FMeH on November 17, 2014, in the Series of workshops conducted for the students of BA-JMC, where in stalwarts like eminent news anchor Ravish Kumar of NDTV News Channel described and shared their experiences and techniques about different areas of production of a television channel, for example, Reporting, Editing, Packaging, Production Control Room, Sound, Lights, etc.
- **Visit to Rajya Sabha TV:** As many as 35 students of BA-JMC were assigned to maintain and update the result of 16th Lok Sabha Elections on Rajya Sabha TV Channel. Each student was deployed to contact with the stringer of a particular constituency and keep updating with the poll trends/results.
- **Students invited by India TV to attend talk show with the film stars of Happy New Year:** Around thirty students from all semesters were taken to the studio of India TV. It was a thrilling experience especially for the first year students who were eager to talk to Shahrukh Khan, Sonu Sood and Bomman Irani, Deepika Padukone and Farah Khan.

- **Visit to ZEE NEWS to attend the Dr. Subhash Chandra Show:** Twenty one students of BA-JMC participated in the show along with students from leading institutions. The topic of the Programme was 'Negativity'. Dr. Subhash Chandra shared his experience and enlightened the students.
- **FMeH organised a seminar on Media Ethics in 2015.**
- **Literary Fest:** On 9th February 2016, MRIU hosted A One day Inter college Youth Literary Fest which was organized by the Department of English, Faculty of Media Studies and Humanities. Students from different colleges of NCR and neighboring states like Punjab participated in the fest. The literary fest got an overwhelming response with students from various Institutes and Universities from all across India. The fest organized had plethora of events like Debate, Just a Minute, Poetry Recitation, Literary Quiz, short story writing etc. A classic English movie was also screened for the students on the occasion. The students were enthusiastic and participated in events of their interests.
- **BOOK LAUNCH : 'NEWS ANCHORS... THE FACE OF THE NEWS'**
A book written by well-known News Anchors Dr. Praveen Tiwari & Ms. Archana Tiwari has been brought out in association with the Faculty of Media Studies and Humanities (FMeH), Manav Rachna International University and was launched on 13 February 2016. This was a historical and a rare moment when news anchors from all the leading channels of India congregated at one place. Mr. Umesh Upadhyay, President Reliance Jionet & Editor ZEE News was the Chief Guest on the occasion.

TEACHING METHODOLOGY

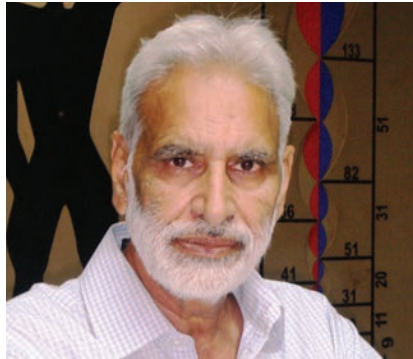
- Classroom lecture by faculty
- News, Content, Media Analysis classes
- Practical classes in studio by faculty
- Lab work by students
- Independent work by students guided by faculty
- Self-initiated and directed study by students
- Assignments, Class tests and Presentation by students
- Evaluation by self and peers under faculty guidance
- Practical training in Radio Jockeying facilitated by Radio Manav Rachna
- TV documentary, News bulletin by students under faculty guidance & industry experts
- Research: Surveys, Case Method Projects

JOB/PLACEMENT OPPORTUNITIES

Television: Reporter, Anchor, Producer, Copy Editor, Script Writer, Researcher, Production Executive, Video Jockey. **Radio:** Radio Jockey / Anchor, News Reader, Reporter, Producer, Programme Executive, Script Writer, Copy Writer. **Internet & Mobile:** Content Writer, content designer. **Newspaper and Magazine:** Reporter/ Correspondent, Feature Writer, Business Writer, Copy editor, Sub-editor, Photographer. **Event Management:** Event Executive, Event Manager and Event Designer.



FACULTY OF PLANNING AND ARCHITECTURE (FPA)



Ar. J. Saigal

Professor & Dean

Qualifications: B.Arch., M.C.A, F.I.I.A., F.I.V., F.I.C.C., F.I.C.A.

Experience: 45 Years

Areas of Interest: Research work in demystifying Vaastu, Principles of Sustainability and Energy Efficiency

Faculty of Planning and Architecture (FPA) is the youngest flower in the bouquet of flowers christened as MRIU which under the leadership of Late Dr O.P. Bhalla has blossomed as an institute of paradigm. MRIU began as a race with a moving finish line. Now Faculty of Planning and Architecture is latest in this race. MRIU is still running, and the finish line is still in motion.

Architecture as an art and science of built environment has been in practice right from the inception of mankind. The emerging needs of time, complexity of technological advances, emerging new areas, exponentially shrinking global environment and natural resources has altered the entire context of architectural education. Even the Code of Council of Architecture states that the architect shall educate the society directly and indirectly. Architecture is the only profession that uses your left brain (Reasoning, Logic, Mathematics, Language & Critical Thinking) as well as Right Brain (Aesthetics, Imagination, Intuition, Creativity & Emotion). It is an area of study where intelligence meets talent.

Architecture is firstly a result of logical thinking and secondly it emerges with the help of the senses. There is always a point, where these two points collide. Architecture cannot come into existence without this collision. Two words that define Architecture are 'relevance' and 'innovation', reflected in the opportunities and challenges that MRIU shall provide. Learning any subject shall be an experience full of joy and creativity. Students are required to cultivate visual acumen endlessly, looking not only at photographs of buildings but also experiencing buildings.

I would like to remind you that Architecture is - first fragile, then established, later decayed, & finally replaced. "More than buildings, Architecture is the essence of life."

Besides Bachelor of Architecture and B.Sc. - Interior Design.

Come, join the small group of emancipated faculty, most of whom have rejected the prevailing institutional models of time, in favour of more free form interaction of teachers and learners, a patient critique of the old idioms and an aggressive pursuit of the promise of an ever-renewable....

DEPARTMENT OF ARCHITECTURE & DESIGN

Architects play significant roles in the design and production of built environments. Those who focus on design are commissioned by clients to lead the work of the many experts who are required to put buildings and places together. When playing this leadership role, architects ensure that the end product is architecturally meaningful, while meeting prosaic functional requirements. Many architects refrain from playing this expansive leadership role and prefer instead to focus on some aspect of the built environment. Others refrain from design altogether and focus instead on the study and critique of built environments in a bid to enrich architectural discourse. Yet others choose to proactively work with disadvantaged communities to improve living conditions.

This five-year long Programme leads up to the award of the B. Arch. degree. It equips students with the competencies necessary for being effective professional architects and exposes them to the aesthetic, technical, social, political and ethical dimensions of the built environment. Though the B. Arch degree is sufficient for professional registration with the CoA, many architects pursue postgraduate and doctoral studies. When doing this, one can continue focusing on architecture, concentrate on fields such as architectural conservation or urban design or shift to allied professions such as urban planning or construction management.

The first year of this Programme is considered to be the foundation year. Here the focus is on developing basic architectural design skills. The following two years focus on advanced skill development. It is possible to exit the Programme at this stage with a B.A. in Architecture. The fourth and fifth years allow students to focus on areas and practice domains of their choice. During the fourth year, students intern for one semester with approved architectural offices anywhere in the world. During the tenth semester, students undertake individual capstone projects.





The Programme is centered on 'studios' where students are expected to resolve life-like design problems on their own. Studios operate as learning communities where teachers take on the role of coaches supporting students in their learning quests. In studios, students develop capacities and come up with technically and architecturally meaningful designs to communicate their ideas. Many group exercises are structured to develop leadership capacities.

Courses, seminars, and workshops, which run parallel to studios, expose students to technology, history, architectural theory and various other dimensions of architecture. Four times, during breaks between semesters, students are required to sign up for study tours or courses organized as part of the Summer and Winter School Programmes.

Teachers are drawn from practicing professionals who bring practical experience to the classroom and academics, who complement teaching with more theoretical and critical approaches.

PROGRAMMES OFFERED

B. Arch - Bachelor of Architecture (5 Year)

B.Sc. - Interior Design (3 Year)

B. ARCH - BACHELOR OF ARCHITECTURE

Salient Features of the Programme

- The Programme of B.Arch is approved by Council of Architecture.
- **Duration of the Course.** The course is of 5 academic years, (each year comprising two semesters of 18 working weeks each) inclusive of one year of practical training after the first stage in a professional's office. The 5 years Bachelor's Degree Course is conducted in two stages.
- **First Stage:** The first stage is of three years (six semesters) of institutional academic studies. Maximum permissible period for the successful completion of first stage shall be five years from the date of admission.

- **Second Stage:** The second stage is of two academic years (four semesters) including one year of practical training.
- The maximum permissible period for completing the Bachelor's Degree Programme in Architecture for which the prescribed Programme duration of 5 years shall be 10 years.

The detailed semester-wise course structure along with study schemes for the programme is available on MRIU website.

National Aptitude Test in Architecture (NATA)

As per the Minimum Standards prescribed by Council of Architecture (CoA) under the Architects Act, 1972, admission of candidates to first year of 5-year B.Arch degree course shall be subject to their passing an aptitude test in architecture. It is advisable to admit students in the 1st year of B.Arch degree course on the basis of marks obtained in the National Aptitude Test in Architecture (NATA) administered by CoA.

The Aptitude Test in Architecture shall consist of 2 papers:

- Test-I-Aesthetic Sensitivity-100 marks-duration of test-One hour.
- Test-II-Drawing-100 marks-duration of test-Two Hours.

Test-I

Aesthetic Sensitivity is to evaluate candidate's perception, imagination and observation, creativity and communication, and Architectural awareness.

The test shall comprise of:

- Visualizing three dimensional objects from two dimensional drawings
- Visualizing different sides of three dimensional object
- Identifying commonly used materials and objects based on their textural qualities
- Analytical Reasoning
- Mental Ability
- Imaginative comprehension and expression
- Architectural awareness

Test-II

The Drawing aptitude of the candidate shall be judged on the following aspects:

- (i) Ability to sketch a given object proportionately and rendering the same in visually appealing manner.
- (ii) Visualizing and drawing the effects of light on the object and shadows cast on the surroundings.
- (iii) Sense of perspective drawing
- (iv) Combining and composing given three dimensional elements to form a building or structural form
- (v) Creating interesting two dimensional composition using given shapes or forms
- (vi) Creating visual harmony using colours in given composition
- (vii) Understanding of scale and sense of proportion
- (viii) Drawing from memory through pencil sketch on themes from day to day experiences

The merit shall be prepared for admission to B.Arch. by giving 50% weightage to NATA and 50% weightage to the marks obtained in qualifying examination i.e. 10+2 examination OR 10+3 years Diploma recognised by the Central/ State Government OR International Baccalaureate Diploma.

Note: In order to pass an Aptitude Test in Architecture, a candidate must obtain a minimum of 40% marks.

EMPLOYMENT OPPORTUNITIES

Professional architects can build careers as independently practicing architects, as architects working within architectural firms, as academics focused on teaching and research, or within non-governmental organizations. In India, the architectural profession is regulated by the Council of Architecture (CoA), which was established by Parliament through the Architects Act, 1972.

BACHELOR OF SCIENCE - INTERIOR DESIGN (3 YEARS)

The Interior Design course encourages the student to develop imaginative, responsible solutions to problems created by social needs and economic constraints, as well as the material and physical limitations of the built environment. The integration of fine art classes elevates the student's ability to develop innovative solutions & further balances the increasing demands of technology.

Since interiors are an extension of one's personality, an interior designer has to essentially be a people's person. Designers need to understand attitudes, lifestyles and cultural preferences and take all three into account in their designs. In addition, they have to keep in mind the hobbies and habits and let's not forget the budget (good taste need not necessarily be expensive) of the person they are designing for.

The detailed semester-wise course structure along with study schemes for the programme is available on MRIU website.

PLACEMENT OPPORTUNITIES

The graduates could expect to take up following work opportunities after completing their degree: Space Planner, Freelance interior designer, Office & workspace designers, Set Designer, Art Director, Furniture Designer, Vaastu Consultant, Feng Shui Consultant, Wall covering Designer, Window Treatment Specialist, Interior Design Educator, Kitchen & Bath Designer, Design Journalist, and Colour Consultant etc.

The Masters' Programme teaches about space and the various aspects of space such as scale, configuration, light sources, colors, materials, and proportions and how these aspects are related to the technical performance of a setting. It encourages students to consider a wide range of design practices as they learn to shape the space of interiors. Students of M.Sc.-Interior Design learn advanced design concepts while studying research relevant to the design issues.

During this degree Programme, students will:

- Develop a professional Interior Design proposal, accounting for aesthetic, functional, and ergonomic issues within project constraints.
- Understand and re-interpret the multidisciplinary approach to space setup and design.

The Programme is workshop-based, supported by seminars, lectures, tutorials, and fieldwork. Industry professionals, the course leader, and project leaders guide students via individual coaching and Thesis mentorship.

The detailed semester-wise course structure along with study schemes for the programme is available on MRIU website.

EMPLOYMENT OPPORTUNITIES

Programme trains professionals to design and create spaces for various sectors of industry. Graduates may find employment in sectors such as Residential, Retail, Hospitality, Exhibition/ Events, Lighting, or Furniture design.

They may work for architecture, interior design, or construction firms or they may choose to be self-employed. Graduates of the Master's Programme in Interior Design can exercise their skills both in third sector businesses as well as in private sector as the vocation is on high demand in both business and by homeowners. Interior Designers can become licensed practitioners after they complete the Masters Programme and can often work in consultancy as consultants. Holders of the M.Sc. Interior Design programme are eligible for admission to PhD. Programme in Indian & International Universities. These include specialization in Residential & Commercial Space designing, Landscape designing, Lighting for interiors, Sustainable Design, Retail Space management etc.



FACULTY OF MANAGEMENT STUDIES (FMS)



Dr. Chavi Bhargava Sharma

Professor & Dean

Qualifications: MA (Psychology),
UGC-Net, PhD,

Experience: 23 Years

Areas of Interest: Organization Behavior,
Behavioral Sciences, Motivational Training
Awards and Publications: Scholar of Peace
Fellowship by the Dalai Lama Foundation for
Universal Peace, Delhi, 2004-2005; Fellow
and Alumni of the Regional Center for Strategic
Studies (RCSS), Colombo

As teachers of Faculty of Management Studies (FMS) in ManavRachna International University, we believe our job is not to tell, explain, and demonstrate but to inspire our students to excel and be leaders in whatever they do. FMS aims to be the bedrock for leadership and initiative. We do this by pushing the students beyond their comfort zones, constantly challenging them to think beyond boundaries, encouraging innovation, creating and honing their analytic skills and by emphasizing the practical and applied aspects of the theoretical knowledge.

FMS lays tremendous stress on the inculcation of ethics, values and good governance skills in the students. Social responsibility and community service form an integral part of the FMS culture. FMS believes that holistic development should be the goal of business schools rather than creating islets and silos of knowledge in various disciplines.

40 Hours Business Process Course of SAP has also been embedded as a part of curriculum for MBA Program to make our students recruitment ready for job opportunities in IT industries and other enterprises. Arming our students with knowledge of SAP technology can give them an extra edge once they leave their institutions and enter workplace. The program will help to close the SAP skills gap in the information and communication technology market. Other SAP modules relevant to disciplines of engineering and business studies will also be offered at MREI.

We must remember that as teachers we don't teach a subject, we teach a person.

PROGRAMMES OFFERED AT FACULTY OF MANAGEMENT STUDIES (FMS)

- **Master of Business Administration (with Dual Specialization - Finance)** (in collaboration with KPMG), Media Management, Marketing, Human Resource, International Business (in collaboration with Edinburgh Napier University), Business Analytics (in collaboration with IBM), Information Technology, Education System Management, Retail Management, Real Estate Management, Event Management, Energy Management, Sustainable Development, Disaster Management, Agri-Business Management, Sports Management, NGO Management & Operations, Societal & Community Service Management)
- **Master of Arts- Applied Psychology (2 Year)** which specialization in 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
- **Bachelor of Arts - Applied Psychology (3 Year)**
- **Bachelor of Science - Hospitality and Hotel Administration (3 Year)**
- **Ph.D in Management Sciences**

FMS RANKINGS

- Ranked consistently best Business School amongst top 15 in Delhi-NCR in terms of Faculty, International Exposure & Infrastructure by Mail Today Survey.
- Times of India has ranked Faculty of Management Studies, ManavRachna International University among the top 50 Management Institutes of the country in the Times B-School Survey 2015.
- Ranked amongst top 50 B-schools by India's best B-School survey 2012 by Careers 360.
- Ranked 'A' category by All Indian Management Association (AIMA).
- Featured by CNN-IBN in 'Shining B-Schools of India' - January, 2013 & 2014.

AFFILIATIONS

- NHRDN
- AIMA
- FISA
- FICCI
- ASSOCHAM
- MSME



MBA WITH DUAL SPECIALIZATION

MRIU offers its flagship MBA programme with various specializations including

Finance (in collaboration with KPMG), Media Management, Marketing, Human Resource, International Business (in collaboration with Edinburgh Napier University), Business Analytics (in collaboration with IBM), Information Technology, Education System Management, Retail Management, Real Estate Management, Event Management, Energy Management, Sustainable Development, Disaster Management, Agri-Business Management, Sports Management, NGO Management & Operations, Societal & Community Service Management

ABOUT THE PROGRAMME

Duration : Two years starting from July 2016

Programme Delivery : Regular on week days

Academic Term : Semester basis

Broad Curriculum Content : Semester - I & II are common covering basics of Human Resources, Organization Behavior, Finance, Marketing, IT, Communication Skills, Soft skills and Foreign Language. All students shall undergo 6/8 weeks Summer Training in June/ July, 2017 and opt for dual specializations in Semester III & IV

The detailed semester-wise course structure along with study schemes for the programme is available on MRIU website

Number of seats, Fee Structure, Minimum Eligibility criteria and criteria for preparation of merit list are given at page no. 99 of this brochure.

PROGRAMME HIGHLIGHTS

Highly application centric industry integrated MBA Programme with focus on Communication Skills and other Soft-skills including Leadership, Team Building and Personality Development etc. from day one.

KPMG experts to teach the papers of finance in all Semesters.

Corporate Experts and renowned visiting faculty to drive other specializations.

MRIU and KPMG Learning Management System available for e-Learning and self-study at home.

All students shall undertake a Minor Project in June/July 2017 after Semester II and a Major Project during Semester-IV leading to submission of a Dissertation to be evaluated jointly by internal and external experts.

MBA IN HEALTHCARE MANAGEMENT

MBA in Healthcare Management has been jointly designed with Fortis Healthcare, a renowned Healthcare company running 75 state-of-the-art and multi-specialty Hospitals in India and Abroad for youth, who are eyeing satisfying managerial career in Healthcare Management. Basic features of the programme are as follows:

(i) Duration : Two years starting from July 2016 Regular on week days

(ii) Programme Delivery : Regular on week days

(iii) Academic Term : Semester basis

(iv) Broad Curriculum Content : HR, Finance, Marketing, International Business, Healthcare Management



The detailed semester-wise course structure along with study schemes for the programme is available on MRIU website

Number of seats, Fee Structure, Minimum Eligibility criteria and criteria for preparation of merit list are given at page no. 99 of this brochure.

Programme Highlights: Skill-centric industry integrated MBA Programme with a focus on employability skills from day one. Students shall be exposed to the fundamentals of HR, Marketing, Finance, IT and International Business with an additional focus on comprehensive Healthcare Management. The programme envisages one day per week training in Fortis Hospital at Gurgaon/ Faridabad in Semester I, II and III. A 24 week Hospital attachment in Fortis Hospitals in Semester IV is mandated. All students shall undertake a Minor Project in Semester III and a Major Project during 24 week Hospital attachment in Sem IV leading to submission of a Dissertation to be evaluated jointly by internal & external experts. The MBA Healthcare Management programme shall prepare budding managers in acquiring the requisite knowledge base and skill sets for a successful career and growth in the Healthcare Management Industry.

FOCUS AREA

To build the Department of Management Studies as a center for total quality education through a focus on holistic development

- Self Enhancement and Inculcation of Ethics and Values
- Maximizing Potential and Leadership Skills
- Conscious Participation in Larger Systems and Nation Building through Community Service and Corporate Social Responsibility
- Empowerment through Participatory Power
- Transparent and Good Governance based on Ethics

MASTER OF ARTS- APPLIED PSYCHOLOGY (2 Year)

The study of human behavior is of paramount importance in understanding how a human being behaves in a given situation, under the influence of varying external and internal factors. Applied Psychology has evolved to be the most important branch of Social Sciences in recent times, particularly when it comes to the prediction of individual human behavior.

The MA Applied Psychology programme offered by FMS, MRIU lays an emphasis on understanding & applying psychology through experiential learning and hands on activities, apart from classroom learning. This includes the use of the HUMAN LAB, which is a Centre for Psychometric Assessment, Psychological Counseling, Psychotherapy & Training & Development at FMS, MRIU.

Students gain proficiency in handling a large number of psychological tests. They also conduct one to one counseling sessions for individuals needing emotional support. Students also undertake research surveys and make presentations of research findings. They also publish and present research papers at National and International seminars. The objective is to help the Applied Psychology student strengthen domain knowledge and to hone applied skills which are needed in the real world workplace.

The specializations offered in the MA Applied Psychology programme are:

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

The detailed semester-wise course structure along with study schemes for the programme is available on MRIU website

BACHELOR OF ARTS - APPLIED PSYCHOLOGY (3 Year)

Applied Psychology provides the foundations for a career in psychology and affiliated fields, offering modules in the core areas of modern psychology, including cognitive, biological, developmental, abnormal psychology, etc...

Students of the program are comprehensively trained in research skills, as throughout the degree you will conduct qualitative and quantitative research, and also complete an independent research project in your final year.

COURSE DETAILS

B.A. in Applied Psychology offers a rich and diverse curriculum. Students will complete courses that examine psychology from a philosophical and cultural perspective, enhance their critical thinking and help them develop a strong understanding of the modern fields of psychology. The combination of courses offered will enable them to develop confidence, knowledge and capability in both the research and practical application of psychological theory. This course examines how psychology is applied in work and in the community, and how psychological interventions might help real world problems.

The detailed semester-wise course structure along with study schemes for the programme is available on MRIU website

BACHELOR OF SCIENCE -Hospitality and Hotel Administration (3 Year)

Hotel Management is a vast, fast moving, and rapidly growing industry and includes all kinds of hotels from budget and independent operations to international brands and sophisticated luxury resorts.

A career in the hotel industry can be exciting and varied and may involve working in different environments. There are opportunities for rapid progress in this area and one can focus on specialist roles. Success in the Hotel Management industry



requires more than just knowledge of hotel operations. One needs to develop excellent management, time management, research, and interpersonal skills.

B.Sc in Hospitality and Hotel Administration gives students the knowledge and skills to become perfect hospitality personnel. Students gain an understanding of the industry and learn how to identify and act on changing patterns of customer demand. FMS provides the students with the mix of strategic and operational skills that they need to succeed in the role.

Key areas of study

- Strategic Management
- Food Production Operations and Management
- International Culinary Arts and Wines
- Housekeeping Management
- Hotel Accounting and Financial Management

The detailed semester-wise course structure along with study schemes for the programme is available on MRIU website.

SUMMER TRAINING

Two week of training in all core departments of the hotel and a total of eight week of training after the 2nd semester (1st Year).

INDUSTRY PARTNERS

- IRCTC
- ITC
- DLF
- Claridges
- Vivanta by Taj
- Country Development and Management Services
- LeelaKempinski
- Jaypee Group of Hotels
- Radisson
- Hilton
- Le Meridian
- Holiday Inn Hotels & Resorts
- Shangri-La Hotels and Resorts
- Crowne Plaza
- Westin
- Hyatt Regency
- Oberoi Hotel
- Sarovar Hotels & Suites
- Indigo Airlines
- Lemon Tree
- Nestle
- Savoy Suites
- Fortune Hotels
- County Inn & Suites
- Park Plaza
- Oberoi Flight Services
- Ambassador's Sky Chef
- Millennium Hotel
- The Grand.

PLACEMENT OPPORTUNITIES AFTER HOSPITALITY AND HOTEL ADMINISTRATION

- Hotels and Restaurants
- Resorts
- Eateries and Bakeries
- Food processing industry
- Corporate Houses
- Airlines and Airport Ground Staff
- Cruise Liners
- Railway Catering
- Defense Forces Catering
- Travel Agencies
- Tour Operators
- Government Tourism Departments
- Call Centers
- Multinational Companies
- Amusement Parks
- Banks & Insurance Companies
- Hospitals
- Institutes
- Colleges
- Schools
- Sales & Marketing
- Customer Care
- Event Management
- Shopping Malls
- Own Business
- Higher Studies Like: IAS
- IPS
- IFS
- MBA with specialization in:
 - Finance
 - HR
 - Sales & Marketing
 - Materials & Purchases
 - Retail
 - Health Care
 - Media Management
 - Training
 - Advertising
 - Public Relations etc.

DOCTOR OF PHILOSOPHY PROGRAMME

MRIU strives to propagate the international research agenda across the University's disciplinary spectrum and through interdisciplinary initiatives. Our aspirations and actions are influenced by our vision defined for learning, scholarship, research and public engagement.

MRIU expresses a commitment to disciplinary excellence across the spectrum of engineering, management, core sciences, medicine, social sciences and humanities, including supporting research in strategically important and relevant areas. The range and health of the core academic disciplines provides an ideal foundation for the continued development of interdisciplinary research initiatives.

We aim to maximize the benefits of research by advancing fundamental knowledge and contributing to efficacious public policy, improved health outcomes, economic prosperity, social cohesion, international development, community identity, arts, culture and the quality of life. Our high-level strategies across the University include retaining and recruiting researchers of the highest distinction, processes and potential across the University, attracting the very best research students nationally and internationally, continuing to provide a supportive research environment in which scholars at every stage of their career, can flourish and develop, encouraging collaboration, regionally, nationally and internationally and effective partnerships with other research institutions, research agencies, funding bodies/sponsors and benefactors, ensuring that the fruits of the University's research activities are leveraged and disseminated for the benefit of society and the economy, providing the academic and administrative services and facilities needed to facilitate research excellence and knowledge transfer.

The University will continue to develop multidisciplinary and interdisciplinary programs and new ventures designed to address many of the major challenges that confront our society.

CRITERIA FOR ADMISSION

- The admission to PhD programmes would strictly be done on the basis of regulations contained in the PhD Ordinance of the University available on its website, which is in total conformity with the UGC guidelines. An applicant possessing any of the following qualifications shall be eligible to apply for admission to a Ph.D. programme of the University:
- A Master's degree with not less than 55% marks in aggregate in Engineering/ Technology / Science / Humanities / Commerce/ Medicine/ Law / Education/ Pharmacy / 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 University.
- Applicants with a Bachelor's degree in Engineering / Technology/ Medicine/ any other professional discipline of at least four year duration after 10+2 or higher duration, with either 70% or more marks in aggregate and a minimum of fifteen years of relevant experience in recognized Institute/ University/ Industry/ Government Organization, may be considered eligible for admission, on the recommendation of BOS and approval by Academic Council provided that such applicants may, in case considered essential, be required to qualify in the course/s specified by the DRC/BOS.

REGISTRATION PROCEDURE

- Applications for joining the Ph.D. programme will have to be submitted by due date as notified on Manav Rachna International University website www.mriu.edu.in. All eligible candidates shall have to appear in a written test (of 70 marks) to be organized by MRIU, as per guide lines of the UGC, followed by an interview / presentation carrying a weightage of 30 marks. Those applicants who are short listed 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 research plan shall be written in English in the specified format in accordance with the instructions contained in the PhD Ordinance. In case of a suitable candidate, the DRC shall assign some specific topic as area of research as 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 supervisors 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.
- After the approval of the Academic Council and the payment of fees prescribed by the University, a candidate shall be formally registered as a research scholar / Student with effect from date on which the BOS accorded its approval or from the date specified 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 University.

For more rules and regulations concerning admission to PhD programmes, the PhD Ordinance No 8A of the MRIU may be referred to for additional information about research programmes and various faculties offering PhD programmes at MRIU, please log on to <http://info.mriu.edu.in/admissions>.



Fee for PhD Programme for Academic Session 2016-17

Description	Amount in Rs.	Remarks
Registration Fee	25,000/-	One time, to be paid at the time of registration.
Course Work Fee	25,000/-	One time, to be paid at the time registration.
Research Fee	50,000/-	Per annum, Rs. 25,000/- to be paid at the time of registration and balance Rs. 25,000/- within 6 months from the date of registration.
Thesis Evaluation Fee	25,000/-	One time, to be paid at the time of submission of Thesis.

It is further clarified that minimum duration for PhD is 2 years and hence a Research Scholar will be required to pay Research Fee of Rs. 50,000/- per annum for a minimum period of 2 years in two equal installments per year. If a Research Scholar submits his / her Thesis within 15 days from the completion of 2 years from the date of registration, he / she shall be required to pay Research Fee only for 2 Academic Sessions aggregating to Rs. 1,00,000/-. However, if the Research Scholar submits his /her Thesis after 15 days from the completion of 2 years from the date of registration, he / she will deposit the Research Fee @ Rs. 25,000/- per semester with the same analogy.

The Fee chargeable from the Research Scholars admitted in 2016-17, therefore, shall be as under:

At the time of Admission	Registration Fee	- Rs. 25,000/-
	Course Work Fee	- Rs. 25,000/-
	Research Fee	- Rs. 25,000/-
Before June, 2017	Research Fee	- Rs. 25,000/-
Before December, 2017	Research Fee	- Rs. 25,000/-
Before June, 2018	Research Fee	- Rs. 25,000/-
At the time of submission of Thesis	Thesis Evaluation Fee	- Rs. 25,000/-
If a Research Scholar does not submit Thesis within 15 days from the date of completion of 2 years from the date of registration, he/ she shall pay Rs. 25,000/- per semester on the above stipulation.		

If a Research Scholar fails to deposit fee before 30th June or 31st December, as the case may be, a fine of Rs. 100/- per day shall be charged for 31 days and the name of the Research Scholar shall be struck off if the fee is not paid by July 31 or January 31 as the case may be. In such eventuality, the Vice Chancellor may consider re-admission of the Research Scholar on valid grounds and recommendations of the Dean concerned and the student shall be required to pay re-admission fee of Rs 5000/-



International **EDUCATION CENTRE**



Col. Girish Kumar Sharma
Director-Planning & Coordination
B.A., M.Sc. (Defence Studies),
Business Administration MDI
Experience: 33 Yrs

IEC is a constituent facilitation unit of Manav Rachna International University (MRIU) 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. The IEC provides a single window service facility to all its international students through the International Education Centre, IEC. With its global outlook and reach, MRIU has much to offer in the way of learning opportunities both inside and outside the classroom at Post Graduate, Under Graduate & Doctorate 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 IEC is to enhance MRIU'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 MRIU, the areas of International Cooperation include:

- Student and Faculty Exchange,
- Joint Research Projects,
- Twinning Programmes,
- International Training for students and faculty of MRIU,
- Recruitment of International students,
- International Accreditations of MRIU,
- Promotion and Branding of MRIU at international level etc.

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

We at MRIU, 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 be it at the time of their induction, joining or thereafter during their stay at MRIU. The University authorities leave no stone unturned in developing and coordinating activities to create and enhance a globally aware and culturally diverse educational environment especially for the foreign students.

For further details, please log on to MRIU Website: www.mriu.edu.in

For Programs offered, fee structure and Admission procedure in respect of, NRI/PIO/ FOREIGN NATIONAL STUDENTS IN 2016-17, please refer to pages 91 onwards of this brochure.



Manav Rachna ACADEMIC STAFF COLLEGE (MRASC)



Brig S.N. Setia (Retd.)
Executive Director - MRASC &
Director-Admissions
Post Graduation (Telecommunication & IT),
Higher Defence Management,
MMS, PGD HRM, PGD FM, ndc, ptsc
Experience: 46 Years

A well-qualified faculty is a 'sine-qua-non' for any educational entity of repute. In its quest to take quality education to the next higher level, Manav Rachna has established the Manav Rachna Academic Staff College (MRASC), a Nodal Centre aimed at providing facilities for promotion of education and advancement of learning. As a part of its initiatives, it generates awareness not only among faculty and staff members but also for support staff so as to usher in all-round development of the institution

MRASC aims at establishing a Nodal Centre for providing facilities for promotion of education and advancement of learning to meet the following objectives:

- Assess the Teaching Learning Needs in the Present Day Environment.
- Understand the significance of education in general and higher education in particular, in global and Indian contexts.
- Understand the linkages between education, economic, socio-economic and cultural development, with particular reference to Indian polity where democracy, secularism and social equity are the basic tenets of society.
- Acquire and improve art of teaching at the University / College / School level to achieve goals of quality education.
- Keep abreast of the latest developments in their specific academic related subjects to enrich their teaching inputs.
- Understand the organization and management of a University /College/ School and to perceive the role of teachers in the total system.
- Utilize opportunities for development of personality, initiative and creativity; and
- Promote computer literacy as well as use of ICT in teaching and learning process.
- To imbibe the modern and futuristic teaching/learning techniques, skill sets and innovative tools.
- Promote research and development.
- Organize seminars, conferences, memorial lectures and syndicate or group discussions to exchange ideas on current and futuristic topics of interest by including eminent personalities and alumni (spread across the globe) from corporate, public and private sector and other universities including foreign universities and R&D departments as special invitees and panelists.
- Extend membership to other schools, colleges and universities for joint participation and activities.
- In the current calendar year, MRASC has been able to facilitate training of as many as 1288 faculty and staff members.

At the University level, Manav Rachna Universities have Internal Quality Assurance Cell which works in close coordination with Manav Rachna Academic Staff College.



Internal Quality Assurance Cell (IQAC)

MRIU has an Internal Quality Assurance Cell as a central unit to take quality initiatives for improving academic and administrative performance of the institution. The Cell has been established as per norms of the National Assessment and Accreditation Council (an autonomous institution of the University Grants Commission). The members of the Cell include Deans, Heads of the Department and industry representatives. Meetings of IQAC are chaired by the Vice-Chancellor and the decisions are executed by the Director IQAC.

Some of the major purposes of IQAC include development and application of quality parameters and organization of activities relating to enhancement of educational quality. It is engaged in evolving mechanisms for timely, efficient and progressive performance of the various academic and administrative units of the university. It undertakes periodic academic review of the various departments in which specific measures for quality are suggested for implementation. The Cell plays a key role in promoting quality culture in the university. It has conducted a large number of faculty and staff development programmes for enhancing quality of education and student support services.

The members of IQAC cell are drawn from various stakeholder groups including senior faculty, University administration, Industry representatives, alumni and students.

The Cell organizes Faculty/Staff Development Programmes, workshops and expert lectures from time to time to generate quality awareness among faculty and students. In the year 2014-15, it organized the following events:

1. Two lectures on quality by Professor Manu Vora from North-West University, Illinois, USA on the following topics:
 - Educational Excellence at MREI through Baldrige Performance Model; and
 - Risk Management for Organisational Excellence
2. Faculty Development Programme on Managing data Using MS-Excel held on Jan 18, 2014.
3. Faculty Development Programme on Case Method of Teaching held on May 3, 2014.
4. Quality Workshop for Engineering Faculty held on Sep.27, 2014.
5. Faculty Development Programme on Promoting Quality in Teaching and Research, organized on September 13, 2014.
6. Workshop on Quality Management System held on September 6, 2014.
7. Faculty Development Programme on Enhancing Academic Delivery through Softer Aspects of Teaching Learning Process held on October 18, 2014.
8. Faculty Development Programme on Gender Sensitization and Counseling Techniques held on Nov 15, 2014.
9. Eight-Day Faculty Development Programme for Higher Education Institutions of Manav Rachna Group on Promoting Quality of Academic Environment through Soft Skills held on December 15-19 and December 22-24, 2014.
10. Faculty Development Programme on Administrative Systems of India held on Feb 14, 2015.
11. Staff Development Programme on Improving Quality of Administration and Student Support Services on Feb 28, 2015.
12. Faculty Development Programme on Holistic Wellness for Faculty and Academic Productivity held on March 14, 2015
13. Faculty Development Programme on Big Data Analytics Using Statistics, held on March 21, 2015.
14. Faculty Development Programme on Cyber Security held on May 2, 2015.
15. Faculty Development Programme on Writing High-Impact Research Papers and Proposals held on May 16, 2015.
16. Faculty Development Programme on Data Analysis and Managerial Statistics Using MS Excel, held on May 30, 2015.
17. Faculty Development Programme on e-Commerce Platform Using JAVA, held on June 6, 2015.
18. Faculty Development Programme on Predictive Modelling Using Regression Analysis held on October 3, 2015.
19. Faculty Development Programme on Multivariate Analysis held during October 16-17, 2015.
20. Faculty Development Programme on Quality Assurance in Higher Education: Emerging Trends and Approaches held on 16 January 2016.

MAJOR QUALITY INITIATIVES

During the year, IQAC introduced and institutionalized following major quality initiatives in the university:

1. Introduction to Quality Management System as the basis for academic audit for various university departments.
2. Implementation of the new Performance Based Appraisal System (PBAS) for faculty as per latest UGC norms and guidelines.
3. Introduction of the course 'Holistic Wellness and Life Skills' in all the departments of the university with effect from the academic year 2014-15.
4. Adoption of Choice-Based Credit System (CBCS) with effect from 2015-16.
5. Formation of Quality Circles in all departments.
6. Development of guidelines for internal audit.

The Cell is in the process of developing a comprehensive Quality Manual to guide the quality assurance system of the University. The Cell is firming up new quality initiatives for the year 2016.

Corporate RESOURCE CENTRE (CRC)

"To succeed, we must perform.
To perform, we must know.
To know we must study and prepare.
To prepare, we must be committed."



Wg Cdr P K Sinha (Retd)
Director-CRC

Qualifications: BTech (Mech), PG DIE
(NITIE, Mumbai). M.Sc.-Mil.Studies (Madras Univ.)
Experience: 38 Years

Corporate Resource Centre (CRC) is one of the facilitating units of Manav Rachna Educational Institutions (MREI), which engages with the industry and constantly strives for expanding the industry-academia interface. In the institutions providing professional courses, it is the dream of every student to get a job offer through campus placement while still being in the Institution and join it immediately after passing out. The placement-profile of a campus is a paramount indicator of an institution's prestige in the contemporary society. It instills enthusiasm among the campus students, confidence among the parents of aspiring students and registers recognition by the industry.

Fulfilling these dreams of the students has been a constant endeavor of Corporate Resource Centre (CRC) at Manav Rachna. The CRC also gathers information, through close and regular interactions with the leading recruiters, regarding the knowledge and skills requirements of the industry and advises the institutions / faculties under MREI to incorporate them to make our students even more industry ready and job ready.

MREI was able to break the barrier of declining placements due to global and national economic melt-down and recession in the last few years and attracted reputed multinational and Indian companies for campus placements. For 2015 Batch, a total of 182 companies organized the placement drives, of which 72 were new companies. A total of 926 students were placed through the campus placement.

Some of the eminent recruiters conducting placement in 2015 include TCS, Accenture, IBM, Cognizant, HCL Technologies, FineEdge, JBM, L&T Infotech, Naukri.com, Nestle, NIIT Technologies, Safenet, Sony India, Yamaha Motor Solutions, IFB, IREO, Raheja Builders, Radisson Blu Plaza, Sadbhav Engineering Ltd, The Grand Hotel, Times Business Solutions Ltd., Xerox and the likes.

Securing significant placement figures, despite shrinkage in the job market due to economic slowdown, bears testimony to the fact that in MREI, the teaching-learning pedagogy is in sync with the industry.

During the recessionary phase, most of the companies tend to become cautious and resort to selective / limited hiring. They scout for multi-skilled and IT savvy talent equipped with sound domain knowledge, immaculate soft skills and positive attitude. It is, therefore, imperative for the students, who desire to pick up a lucrative job in the final year, to work hard from the first semester onwards for making themselves job ready. Towards this end, in MREI, there is a dedicated Career Development Cell (CDC) to assist, guide and mentor students in honing industry relevant skill sets. It is important for students to understand that the Institution can only afford job opportunities and help students enhance their employment quotient. Competing in the selection process and getting selected is totally dependent on their performance and competency.

In an effort to streamline the placement process the CRC makes use of an 'Online Registration Portal' for campus placement. All students in their final years are eligible to log-in through the CRC website. The primary data is filled-up and authenticated by the students which enable them to be considered for placement drives. The academic data is uploaded directly from the authenticated data made available from the examination department & verified by the faculty TPOs. It helps CRC in identifying the eligible students for a particular campus drive based on the criteria provided by recruiting company. It also provides the required information for the management of CRC processes & systems.

The Corporate Resource Centre strives to get more and more recruiting companies on-board the placement calendar of MRIU and it is heartening to note that each year we have been doing better than the previous one. In addition, as the CRC keeps abreast with the needs of the job market during its interaction with the industries, it provides valuable input to the teaching faculty regarding the market-relevant skills so to prepare our students to become more employable, equipped with market ready skills.

This year many new companies are also expected to visit the Campus for "On Campus" recruitments. For more details about the year-wise placements of the students of MREI, visit our website link: www.mrei.ac.in



Career **DEVELOPMENT CENTRE**

“Exceptional achievements are within our reach when we stand tall on a foundation of personal integrity, hard work and unwavering determination.”



Ms. Gauri Bhasin
Head - Career Development Centre &
Manav Rachna Centre of
Foreign Languages (MRCFL)

I would like to take this prospect to welcome you to a stirring yet enjoyable journey at Career Development Center, the facilitating unit of Manav Rachna Educational Institutions.

CDC perpetually thinks about adding value to the students at Manav Rachna Educational Institutions (MREI) so that they go out and take the world head-on, to shoulder responsibilities that they fittingly deserve. The long and arduous journey has been a stimulating one and we have made the very first stepping stone on the path of a pan-cultural linguistic set-up under the name Manav Rachna Centre of Foreign Languages.

Keeping the motto of cultural connectivity in mind, MRCFL is alighting under the reputed roof of MREI. Our focus languages being French, German, Spanish, Arabic, Japanese and Chinese; we are geared to take on the increasingly blurring geographical boundaries of nations and nationalities. Join us; the opportunities at MRIU are endless. It's a limitless universe of unbridled achievements.

God Bless and All the Best

Rendezvous with **CAREER DEVELOPMENT CENTRE**

COACHING AND MENTORING

Career Development Center is providing extensive process oriented and activity driven training on Personality Development, Business English, Business Communication and Quantitative Aptitude and Logical Reasoning. These trainings are delivered in two configurations i.e.Regular Semester coaching and Comprehensive Capsules

PROGRAM STRUCTURE

- Foundation and preamble Courses
- Specialization and Electives
- Value Addition Courses

CURRICULUM DESIGN AND DEVELOPMENT

CDC works under Robust mechanism for Curriculum design to bridge industry-academia gap in Consultation with stakeholders:



THE DELIVERY APPROACH

Career Development Centre ignites its students with the following delivery approach

- Inputs from Best of Industry & Academia
- Constant updates in Course Curriculum
- Live project Methodology
- Quality Improvements In Curriculum Design
- Periodic review to meet industry demands
- Global Content and Delivery

TEACHING LEARNING PROCESS

CDC works with Continuous improvements in teaching - learning methodologies and Special tutorials through doubt clearing sessions. Mentoring is done as we encourage live projects with companies, Quizzes and Case study analysis. Use of technology & software to support learning is the key strength under the process

CAREER INCLINATION

Career Development Center operates with the philosophy that a person's Employ'ability is his or her ability to do Intelligent Self Assessment with an objective of exploring personal assets.

CDC makes the students job ready as they undergo "Comprehensive Mentoring" in their academic journey.

THE SYNERGISTIC CONNECT

At CDC, imperative learning helps not only enhance the intellectual capacity of the students but also proves to be an excellent enlightening & profound journey. We ensure that the knowledge and learnings are shared with students in the utmost beneficial way possible. Following are our little dexterity:

- Business Communication
- Professional Communication
- Quantitative Aptitude
- Logical Reasoning
- Presentation Skills
- Linguistic Skills
- Personality Development
- Group Discussion
- Mock Personal Interview Sessions



EMPLOYABILITY AUGMENTATION

“Talent is the driver of success. And we are its yardstick”

Career Development Center is helping the placement initiatives of Manav Rachna Educational Institutions by tying up with world's leading assessment companies like:

- Aspiring Minds
- Co Cubes.Com
- E Litmus and more

These leading assessment giants develop a merit driven labor market where everyone has an equal access to talent & opportunity.

CONTEXT OF CHANGE

Career Development Center organizes Employability Related Events which helps students improve their Skill sets and perspectives for building the right attitude that will carry them to success. Some of the mega events embrace:

- GD Pro 2015
- Zenith 2015
- Career Breakthrough
- Persona - Unleash your True Potential

BEST PRACTICES

With the continuous transformation in this ever shrinking world, CDC believes in following the best practices which includes:

- accurate assessment of the effectiveness of career services
- large and small scale student and industry survey
- Interface with stakeholders to facilitate students' understanding of career options, career path and career growth

At CDC retaining the right ambience for a vibrant knowledge culture and intellectual system is always a top priority. Apart from inspiring the heritage of Manav Rachna International University, we take pride in mentoring:

- Manav Rachna International Schools
 - Manav Rachna City Centre Offices
 - Leading A tier Corporate, Indian Companies and SME's
- Come, seize the opportunities at Manav Rachna Vidyanatariksha ... Infinity of Knowledge**

SAP COURSES: In order to make our students ready for job opportunities in IT industries and other enterprises. Arming students with knowledge of SAP technology can give them an extra edge once they leave their institutions and enter the workplace. The program will help to close the SAP skills gap in the information and communication technology market.

40 Hours Business Process Course of SAP has been embedded as a part curriculum for the following programmes being conducted at MRIU:

- B.Tech - Aeronautical Engineering
- B.Tech - Automobile Engineering
- B.Tech - Computer Science & Engineering
- B.Tech - Electronics & Communication Engineering
- B.Tech - Electrical & Electronics Engineering
- B.Tech - Mechanical Engineering
- Master in Computer Applications
- Bachelor in Computer Applications
- Master in Business Administration
- Bachelor in Business Administration (all specializations)
- B.Com (Hons)
- B.Com-Industry Integrated

In addition to the above, students have a choice to take up any one or more of the following specialized modules:

- SAP ABAP (Advanced Business Application Programming)
- SAP MM (Material Management)
- SAP HR (Human Resource Management)
- SAP FI (Financial Accounting)
- SAP SD (Sales & Distribution)

Each module will be of 160 hours duration.

MANAV RACHNA CENTRE OF FOREIGN LANGUAGES

Expanding Linguistic Acumen in Today's Global World

"If you talk to a person in a language he understands, that goes to his head. If you talk to him in his language, that goes to his heart."
- NELSON MANDELA

In a world which is brimming over with hybrid languages why is it necessary to find linguistic roots. Manav Rachna Centre of Foreign Languages (MRCFL) attempts to answer this question that is increasingly plaguing the world of employment in contemporary times. MANAV RACHNA CENTER OF FOREIGN LANGUAGES, the new feather in the MREI legacy, stands firm on the motto of building new bridges of communication. At Manav Rachna, we believe in the greater good of society which drives us to strive harder to make education and knowledge accessible to a wide spectrum of people. MRCFL is an attempt to make a dream come true. The dream of social and cultural connectivity, the thirst that propels academia and scholarship to new heights of excellence and creativity. Or it could simply be a desire to learn about people and places. Foreign Languages have often been considered a hallmark of exclusivity. From everyday life concerns to bigger projects of career both academic or professional, foreign languages will help you stay way ahead of the Competition. With Languages, you would be in a league of your own.

To engender new understanding of old beliefs, generate new avenues and create new meanings, MRCFL presently offers the following Certificate, Diploma and Advance Diploma courses to enhance global employability of students:

FOREIGN LANGUAGE COURSES	ENGLISH LANGUAGE PREPARATION COURSES
• French	• Elementary Level
• German	• Intermediate Level
• Spanish	• Advance Level
• Japanese	• TOEFL
• Chinese (Mandarin)	• IELTS
• Arabic	• TEP



DEAN STUDENTS WELFARE



Mr. I.K. Kilam,
M.A.- Economics, M.Sc.- Applied Physics,
MBA, PGDPR, CAIB (I)
Dean Students Welfare and
Director RMR 107.8

Manav Rachna International University is committed towards excellence in academics, sports, extra-curricular activities, career planning and personality development areas for all its students. We have always encouraged and supported students to participate in various extra-curricular events within and outside the campus with an aim to provide them suitable opportunities to identify and nurture their talents.

The extra-curricular events and activities like talent hunts, debates, drama activities, musical events, arts and crafts competitions, festivals, entrepreneurial activities, farewell and welcome events, etc. have enhanced students' confidence levels to a great extent. Our students have also been participating regularly in the Fests and competitive events in other colleges / universities in Delhi- NCR and other places in India and abroad.

The team under Dean Students Welfare (DSW) is actively involved in activities like MRIU Youth Parliament, Students Talent Hunt, Festivals celebration, Treasure Hunt, Talent Competitions for Faculty and Staff, Film and Book reviews, Debates and Declamations, Folk Dance competitions, Social Responsibility drives, Anti ragging seminars, Street Plays, Photography competitions and workshops etc.

The department aims at promoting extra-curricular and developmental activities among students at Manav Rachna by identifying talented and interested students in the areas of Music, Dance, Literature, Fashion, Arts, Social Responsibility, Theatre, Photography, Adventure, Technical, Entrepreneurship, Health, Media etc. and thereafter, nurturing their individual talent and giving them a supportive environment to plan & execute various activities in the said areas, thus making a major contribution towards their holistic development.

The team DSW keeps a continuous liaison with Director Sports, Head CDC, Radio Manav Rachna & the Public Relations department of Manav Rachna for promotion of student activities.

Students are connected to the DSW team through their website - www.dsw.mriu.edu.in and Facebook page- <https://www.facebook.com/dswmriu>, which provides students with details of upcoming events in and out of the campus.

MANAV RACHNA CLUBS AND MANIFOLD ACTIVITIES

At Manav Rachna, students are spoilt for choice as there are as many as 12 Extra Curricular Societies that cater to varying interests. "Each of these Clubs provides students a platform to showcase their talents and channelize their energies. They also foster a sense of fellowship among students of different streams and give them a great sense of cohesiveness and belonging," says Professor I.K. Kilam, Dean Students Welfare, MRIU. Each of the Societies provides students a conducive environment to plan and execute various activities, thus contributing to their holistic development and staying connected with members of similar interests. Here, we give you a look into their form and character:

1. Manav Rachna Music Group - This group covers activities like solo, duet and group singing, jugalbandi, battle of bands, folk music, sufi, classical, Western music, instrumentals, parody etc. Students can also look forward to jamming sessions and music festivals.
2. Manav Rachna Dance Troupe - This troupe has woven in solo and duet dance performances, group dance, Western dance (salsa, jazz, street etc.), traditional and folk dance competitions/festivals in its repertoire.
3. Manav Rachna Literary Forum - This forum involves activities like debate and declamation, MUN, youth parliament, quiz and GK, poetry, article writing, book reviews, film reviews, literary festivals, TV anchoring and news reporting, panel discussions, storytelling competitions. There is enough to keep members busy.
4. Manav Rachna Arts Team - This club brings out the artist in every student encouraging them to indulge in sketching, painting, clay modeling, pottery, cartoon and caricature making, tattooing, sculpture and rangoli. The Club plays an active role in the festival of arts, origami, etc.
5. Manav Rachna NSS Team - This team nurtures the activist in every student whereby they can take up causes like anti ragging awareness, environment, health and hygiene, sustainable development, education for all, computers for all, language enhancement for housewives etc.
6. Manav Rachna Theatrical Troupe- This troupe covers activities like nukkad natak, drama, skits, standup comedy, mono acting, mimicry etc.
7. Manav Rachna Fashionistas - As the name signifies, this group is all about glamour and beauty, focusing its activities on hairstyling, beauty contests, ramp walks, best dress, crazy caps, fashion shows, display/ tableau competitions, fancy dress, character display (based on an era, writings), etc.
8. Manav Rachna Technical Team - The budding technocrats are members of this team. There are activities like Science and Technical quiz, game shows, topical seminars, gaming, application development, technical GDs, etc. to stimulate the grey cells.
9. Manav Rachna Adventure Squad - Those with a passion for adventure are its members. The Club's activities happen mostly outdoors, with adventure trips, camping, night camps, bike riding, cycling, aero-modeling and marathons figuring prominently in its calendar of events.
10. Manav Rachna Photography Club - This cluster pampers students' passion for photography, film making, video-graphy and photo walks. Workshops by canon, theme based photography and exhibitions are also a regular feature.
11. Manav Rachna Health Club - Those who can't sing or dance can join this Club and actively participate in health camps, yoga shivirs and meditation practice. They can promote gym and healthy eating habits along with overall wellness and awareness on balanced nutrition.
12. Manav Rachna Entrepreneurs Centre - This Society is abuzz with activities like e-bazaar, e-week, e-quiz, entrepreneurial discussions, sharing of entrepreneurial experiences, business idea competitions, panel discussions, business project writing, etc.
13. Celebration of International festivals - International students feel very much at home when DSW makes an effort to celebrate international festivals bringing around a cross country culture at the campus.

All Groups/Clubs together contributed towards MANAV RACHNA RESURRECTION FEST 2K15 during 16-17-18 April 2015.

RADIO MANAV RACHNA 107.8 FM- A COMMUNITY RADIO STATION



Shailja Naqvi
Dy. Director RMR

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 we try to give a voice to the community that we serve with thoughtful and insightful programming. Here at Radio Manav Rachna we live up to our tagline, making our listeners lives happy and meaningful. We as a Community Radio try to cover certain fundamental aspects related not only to social awareness, health, spirituality, education, career, youth but entertainment and FUN as well because our motto is Feel good and Feel live!!!

Being the first and only Radio Station in Faridabad, we try to engage with our community on daily basis, creating an emotional and imaginative bond with our listeners. At RMR, there is an effective involvement of community connect at various levels.

Various spiritually awakened people are invited to discuss elements of spiritual awareness and better life. Our day starts with a power dose of positive energy... we have a dedicated band of three hours where highly significant and evocative spiritual discourses are aired.

Radio Manav Rachna strikes a unique chord with the youth as we understand their aspirations, dilemmas, challenges; young boys & girls and students are often part of the bustling radio station and interviewed on topics of relevance and importance to them. These young boys and girls are invited to have open discussions on various issues related to career, life and lifestyle.

Health awareness is one of our prime focus areas. Doctors, gynecologists and various experts are invited from the nearby areas to answer the queries raised from time to time. Being a Community Radio, lot of our emphasis is on social issues like sanitation, women empowerment, drug addiction, anti-smoking, water conservation, sanitation, blood donation- these topics are generally the essence of the programmes.

By the end of the day, Radio has to be a happy place and we have a beautiful mix of music. Our playlist is an interesting blend of various genres of songs. We have an amazing song bank and our "music on demand" is the talk of the town.



Directorate of SPORTS



Sarkar Talwar, Director Sports
Cricket Level 4 Coach, Chief Coach of the Winning Indian Jr. World Cup Cricket team in England (1995-2003) 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 worldclass infrastructure provides for total sports management which nurtures sports talent of students at all levels from pre-primary to the college level.

World class sports facilities for outdoor and indoor games (which include basketball, volleyball, cricket, shooting, table tennis, squash, billiards, soccer, chess, carom to name a few) offers infrastructure which caters for budding sports learners. There is a 25 m Shooting Range and 10 m 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, Peter Karlson, Jaspal Rana to name a few.

Sports competitions in various MREI are a regular feature. Manav Rachna also has the distinction of hosting the Manav Rachna Cricket Corporate Cup for the past 8 years.

Some of the MR star players and students/ Alumni who have consistently excelled in their respective sports include Gagan Narang, 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 Sehwal, Azharuddin, Ronjon Sondhi, Mohammad Kaif, Gopichand and P.V.Sindhu amongst others.

The MRIU sports teams being affiliated with AIU took part in the following tournaments and brought laurels for the Institution:

- Two shooters Ankur Mittal & Shreyasi Singh from Manav Rachna International University were part of the Indian University team, participated in World University games 2015 held in South Korea from 3rd July to 14th July 2015 and won Bronze Medal in team Shooting event
- North Zone Inter University Badminton Tournament 2015-16 organized by Maharshi Dayanand University Rohtak from 29.09.15 to 03.10.15
- Annual Sports festival Udghosh 2015 organized by IIT Kanpur from 1st to 4th October 2015 in Basketball (Boys & Girls), Volleyball (Boys & Girls), Table Tennis (Boys) and Squash (Boys)
- A Student Kuldeep Kumar of FET, was part of the Indian team which participated in Wako world Kick Boxing Championship 2015 at Dublin, Ireland from 21st to 29th November 2015.
- North Zone Inter University Cricket Tournament 2015-16 organized by Aligarh Muslim University, Aligarh from 19.11.15 to 04.12.15.
- North Zone Inter University Football (M) Tournament 2015-16 at Amity University, Noida from 8th to 15th January 2016.
- All India Inter University Rifle & Pistol Shooting (M & W) at Banaras Hindu University, Varanasi (UP) from 10th to 13th January 2016.
- Annual Sports festival MST 2016 organized by MNIT Jaipur, Rajasthan from 19th to 21st February in Basketball (Boys & Girls), Volleyball (Boys & Girls), Table Tennis (Boys) and Badminton (Boys)
- North Zone Inter University Volleyball (W) Tournament 2015-16 at Kurukshetra University, Kurukshetra from 10th to 14th March 2016.

SPORTS INFRASTRUCTURE

Our major sports facilities include:

Basketball, Volleyball, Cricket, A 25 m Shooting Range and 10m AC Indoor Shooting Range (operated at SIUS Ascor electronics targets), Table Tennis, Squash, Pool and Billiards, Soccer etc. Recently, Manav Rachna has also added an Indoor state-of-the-art Sports Arena of 4400 sq.ft. The Arena has One Badminton Court, 5 Table Tennis Arenas, 4 Chess Stations and 4 Carrom Stations and it is open to all the Manav Rachna Students and Hostellers from 8.00 Am to 8.00 PM. An Open Gym for women has also been added to Manav Rachna Sports and fitness facilities which is open for all hostel's girls students & women staff of Manav Rachna.



ADMISSIONS FACILITATION CENTRE

To the students, University 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.

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. At Manav Rachna, every effort is made to make this process smooth and expeditious with the Admission Cell to 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 MRIU campus from 8 am to 7 pm all the seven days of the week to address any admission related query, since it concerns the 'course' of their life and careers. The Admission Cell tries to transform the tedious process of admission into a pleasurable experience. The Counselors in the Admission Cell 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 and visits to put parents and students at ease. The various faculty members are also available during these campus tours to assist students.

The support provided by the Centre continues post a student takes admission in MRIU. This centre is available for support throughout the campus life of a student.



IMPORTANT INSTRUCTIONS FOR ADMISSION SEEKERS

SUBMISSION OF APPLICATION FOR ADMISSION

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



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

DIRECTIONS FOR FILLING ONLINE APPLICATION FORM

1. Read Instructions for filling up Online Application Form carefully on the opening page after you Click 'Apply Now for Admission' Tab on the MRIU 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. Avoid photographs in T-Shirts/ Tops/ Flashy Clothing because this photograph will go for your identity card. Also keep ready copy of Secondary (10th), Senior Secondary (10 + 2) Examination and other qualifying exam, if any.
3. Fill-up all fields with the correct information. Do not use all Capital/ Small Letters. Use Sentence case. Mandatory fields are marked with Red Asterisks, without which application will not be submitted. You will have the liberty to edit certain fields as directed by the format including Address, Mobile Number, and Qualifying Examination Result etc.
4. Take out two print-outs of the final version of the online application form which must be brought at the time of physical counseling for admission.



CRITERIA FOR SELECTION

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

NOTIFICATION OF SCHEDULE FOR PHYSICAL COUNSELING FOR ADMISSION

1. The detailed admission calendar is appended at Page No 101 of this brochure.
2. Look for notices / alerts by clicking the 'Admission Notices/ Alerts' Tab on the home page of MRIU website.
3. All Schedule for Physical Counseling for Admission and other related information will be available on the website as and when published. MRNAT Results and Merit list for various courses/ program shall also be available on this Tab.

PHYSICAL COUNSELING FOR ADMISSION

1. It is mandatory for the candidates to appear in person for physical counseling for admission before the Admission Committee. No relaxation of any kind is permissible in this regard.
2. Candidate must bring the following documents in original along with two sets of attested photocopies:
 - a. Secondary School Examination Certificate (10th)- as proof of Date of Birth.
 - b. Senior Secondary School Examination Certificate (10+2).
 - c. Detailed Mark sheets/Provisional Certificate/Degree/ Diploma Certificate of the qualifying examination.
 - d. Character Certificate from the Institution last attended.
 - e. Result card of the relevant entrance examination.
 - f. Four passport size coloured photographs in formal dress.
 - g. Certificate of proof as candidate of SC/ ST, BC, OBC, Kashmiri Migrants, North East States (seven), Sports Personnel (with authorized participation at National Level), Son/Daughter of Defence Personnel categories and Foreign Nationals seeking relaxation in the minimum eligibility criteria.
3. All other documents must be submitted during orientation after start of classes or within 03 (three) days from the date of admission, whichever is later.
4. 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.

5. 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.
6. The seat shall be deemed to be allotted only on deposition 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.
7. 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.
8. 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.
9. 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 MRIU Website for further instructions, if any.

PREPARATION OF MERIT LIST

The Merit Lists for each program shall be prepared as per the criteria given in the Admission Brochure.

For B.Tech Program, the merit list shall be prepared on the basis of 60% weightage to the score in JEE-Main 2016 examination and 40 % weightage to the marks scored in 10+2 examination as first preference and on the basis of 60% weightage to the score in Uni-Gauge 2016 examination and 40 % weightage to the marks scored in 10+2 examination as second preference. Candidates are advised to supply the respective score in the application form as soon as the results are declared by the respective examination bodies. Those students who fail to supply any of these results shall go down in the merit list in the absence of respective weightage.

1. For Admission in all other UG Programs (other than B.Tech & B.Arch.), all students are required to appear for Group Discussions and Personal Interview (GD & PI), which is an independent screening test. Although admission in all UG programs shall be based on the merit of respective MRNAT 2016 as first preference and percentage of marks scored in qualifying examination as second preference in case of seats remaining vacant. Those who fail to make a mark in GD/PI may be denied admission.
2. The ranks in the respective Merit List shall be available on MRIU Website against Application Sequence Number generated by the system at the time of submission of online application.
3. For UG Programs, admission shall be made only if the Candidate has been declared pass in the qualifying examination clearly. Candidates having compartment shall not be admitted in any of the UG Program till their result for the supplementary examination has been declared within the final cut off date of admission.
4. For PG Programs, candidates may be admitted provisionally subject to fulfillment of minimum eligibility criteria on or before 31.10.2016. For the purpose of preparation of Merit List, the marks scored upto pre final year of the qualifying examination shall be considered for those whose result has not been declared for the final year / semester. Student having compartments in any of the previous years shall not get credit for the subjects which they have not passed at the time of admission.

5. Admission Committee shall exercise fair discretion to see that based upon the academic performance in exam result which is available at the time of admission, whether the candidate is likely to meet the eligibility criteria. However it will be sole responsibility of the candidate to meet the minimum eligibility criteria for admission by the cutoff date mentioned above and no relaxation in minimum eligibility criteria shall be granted.
6. For the purpose of determining minimum eligibility criteria, percentage of marks more than 0.50 and above shall be rounded off to 1.
7. Relaxation of 5% marks in minimum eligibility criteria shall be given to the candidates from / of Women, SC / ST, BC, OBC, North East States (seven), Sports Personnel (with authorized participation at National Level), Son/Daughter of Defence Personnel categories and Foreign Nationals for all the programs being offered at MRIU. Although there is no reservation of any kind except for NRIs for whom 15% of the total seats in all programs are reserved
8. Two seats are there in all programs under supernumerary Quota for students of Jammu and Kashmir as per directions of UGC
9. For Kashmiri Migrants Only:
 - A relaxation of 10% in minimum eligibility criteria shall be given.
 - Domicile requirement may be waived off.
 - Intake capacity of various programmes may be increased by 5 %, if so required.

UNI-GAUGE 2016



'Uni-GAUGE' alludes to uni (one), uniform (consistent), unique (unparalleled), universal (concerning all) and university (institution of learning).

'Gauge' - is an estimate of assessment; measure.

'GAUGE' is also an acronym for Graduate And Under-Graduate Entrance.

'Uni- GAUGE' is a pan-India, computer-aided assessment platform.

It enables students to take 'one entrance exam' and seek 'admission' to many universities across India. It stands for trust, transparency and reliability in assessment.

'Uni-GAUGE' has commenced entrance exams for post-graduate and undergraduate courses in medical, dental, engineering and technology. Going forward, the 'Uni-GAUGE' platform will be extended for admission to many more courses.

About Uni-GAUGE EMeD 2016 Examination

ERA Foundation is conducting Uni-GAUGE EMeD 2016 for students seeking admission to Engineering, Medical and Dental at undergraduate level. Scores obtained by students in the Uni-GAUGE EMeD 2016 examination is one of the eligibility criteria for admission to B.E/B.Tech, MBBS and BDS courses in Participating Member Universities.

ERA FOUNDATION Uni-GAUGE EMeD 2016

IMPORTANT DATES	
Start Date for Filling the Online Application	08 Feb 2016
Last Date for Submission of Application through offline payment	31 March 2016
Last Date for Submission of Application through Online Payment	04 April 2016
Mock test	20 Feb 2016
Download of Online Test Admission Ticket (Start Date)	30 April 2016
Download of Online Test Admission Ticket (End Date)	07 May 2016
Exam Date	08 May 2016
Publishing of Provisional Answer Keys and start date for online submission of objections/challenge of Provisional Answer keys	11 May 2016
Last date for receiving challenges/objections pertaining to Provisional Answer Keys	16 May 2016
Publishing of Final Answer keys	26 May 2016
Download of Test Score Online	28 May 2016

ASSISTANCE / FACILITIES TO CANDIDATES

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

The ERA helpline Toll free number is 1-800-103-4791. The ERA Office is operational from 10:00 am to 5:00 pm, Monday to Friday, and from 10:00 am to 1:00 pm on Saturday. The ERA office is not operational on Sunday and other public holidays.

Candidates can send their queries through E-mail at helpdesk@erafoundationindia.org.





MANAV RACHNA NATIONAL APTITUDE TEST (MRNAT 2016)

MRNAT 2016 (Manav Rachna National Aptitude Test) shall be conducted by the University across various disciplines, syllabi for which are available on the 'Admission' link on MRIU Website. University has deployed technology developed by India's leading assessment agency to ensure fair and transparent conduct of online test. The candidates shall be allotted a designated computer system in the examination centre and shall be required to login using Application Sequence Number and Password as conveyed to the applicant through email. It is therefore advised not to share Email IDs and Password with others to avoid complications. The questions shall appear on the monitor and the candidates shall submit answers by using mouse only. The computer system is connected to a Central Server which delivers the test in real time without web connectivity. All other functions are disabled in the machine and there is no Human involvement in the test. No formal computer knowledge is required to appear for the test. Other details and sample questions are also available on the University website. The dates of conduct of MRNAT -2016 across various disciplines are given in the Admission Brochure. The candidate will be intimated about the place, date and time of the Test, through email and SMS well in time. For all Programmes, the Test would be conducted at Faridabad only.

PAYMENT OF FEES

Schedule of Payment of Fees at the time of admission / first year:

- a) First Installment: At the time of admission
- b) Second Installment: On or before 14th November 2016

SCHEDULE OF PAYMENT OF FEES IN SUBSEQUENT YEARS

- a) First Installment: On or before 30th April of the calendar year.
- b) Second Installment: On or before 14th November of the calendar year.

LATE FEE PAYMENT

Those students who fail to deposit fee by the due date shall be levied a fine of Rs. 100/- per day including Sunday / Holidays up to 15 days. The name of the 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 Dean of the Faculty concerned 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 requirement.

POLICY FOR WITHDRAWAL AND REFUND OF FEES

Candidates may withdraw their admission by submitting an online Application Form through the Admission Portal by logging in through their User Name and Password. Such candidate shall take a printout of the Withdrawal Application Form duly filled and submit the same in person along with original copy of the Receipt of the fee deposited, Admission Letter and Temporary I-Card to the Office of the Registrar through Deputy Registrar (Registration & Scholarship) in Block-F, Ground Floor for which he/ she must obtain an acknowledgement.

The fee deposited by such a candidate shall be refunded after deducting Rs. 1000/- provided the candidate has submitted the printed copy of Withdrawal Application up to the first day of Commencement of the classes. The Withdrawal Application submitted online shall not be considered if its printed copy along with original receipt of fee is not submitted to the Deputy Registrar (R & S) against acknowledgement in writing. In such cases, the refund of fees shall be made within 30 days from the final cut off date of admission, which shall be normally 30th September of the calendar year, through cheque in favor of the Candidate only and sent at the address for correspondence through recorded delivery.

It is made clear that no refund of fees shall be made after the commencement of classes, even if the fresh admission continues against the vacant/ dropout seats. It is, further, made clear that if a candidate seeks admission after the commencement of the classes and later, withdraws his / her admission, no refund of fees, in such case shall be made.

A student admitted in the University shall be required to pay 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 readmitted. It is made clear that if a student leaves the programme / course of study in between, without completing the programme for whatsoever reasons, he/she will be liable to pay fees for the balance duration of the programme as well, as per directions of Hon'ble Supreme Court of India in Islamic Academy of Education case. No correspondence in respect of refund of fee against withdrawal shall be entertained until and unless it is in reference to the Acknowledgement No. and Date given by the Deputy Registrar (R & S) at the time of receipt of printed copy of the Withdrawal Application along with original receipt of the fee deposited.

SCHOLARSHIP/ FREESHIP POLICY

The university offers Scholarships to all students on the basis of marks/CGPA in the qualifying examination as per following scale:

UG level Programmes (except for B.Tech Mech. Engg. - Industry Integrated)

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

In case of B.Tech Mech. Engg. - Industry Integrated

90.00% & above	50% Tuition Fee Waiver.
85.00% & above but below 90.00%	25% Tuition Fee Waiver

PG level Programmes

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

- However, they are required to pay other fees as applicable to the programme concerned. Such students shall be required to maintain a minimum SGPA of 7.0 in the subsequent semesters without having any compartment in any subject and minimum 75% attendance in each semester, failing which the Scholarships awarded shall be withdrawn. For the purpose of calculation of percentage marks, aggregate marks in the qualifying exams shall only be considered even if the eligibility criteria is limited to some number of subjects.
- In addition, suitable free ship shall be available to high achievers in the field of sports, persons suffering with Thalassaemia Major, sons / daughters of Army Personnel who have been killed in war/ terrorist attack, physically handicapped students etc. on case to case basis.
- Candidates passing out from any of the institutions of MREI and son/daughter of faculty / staff member of any of the institutions of MREI will get one time concession of Rs.5000/- at the time of admission in any of the programs being offered at Manav Rachna International University.

STUDENT STAFF & ALUMNI WELFARE FUND (SSAWF)

1. The young and the budding talent in MREI should not go abegging for want of resources in the field of technical education, research in physical science, social science and any other topic of topical interest emerging in the environment. To fulfill the ibid vision, the MRVF has taken a conscious decision to muster financial resources in the name and style of STUDENT STAFF AND ALUMNI WELFARE FUND (SSAWF).
2. The SSAWF resources would be utilized for accomplishing the under mentioned objectives
 - a. Rendering financial assistance to students, staff and alumni for research and higher studies for improving the overall well being of the under privileged and have nots of the society.

b. To provide financial assistance / scholarship to needy students for continuation of their higher studies.

c. To render assistance including ex-gratia payment to alumni for higher studies, distress and other contingency.

d. To honour MREI students, staff and alumni for their outstanding achievements in studies, profession, sports and entrepreneurship.

e. To provide financial and other resources for families of MREI owing to any natural calamity such as earthquakes, floods etc.

f. To provide financial support.

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 submit following documents either during the orientation program after start of classes or within 3 days from the date of admission whichever is later:

- a) Certificate of Medical Fitness
- b) Migration Certificate
- c) Proof of Residence (Ration Card/ Electricity Bill/ Telephone Bill/ Driving License etc.)
- d) Undertaking by candidate and by parents for "Anti Ragging", the format for which shall be available on MRIU website
- e) Undertaking by parents for total family income from all sources along with proof of income in the form of current Income Tax Return/ Certificate of Income from employers of parent(s)/ proof of survey conducted by DRDA of the district concerned of the applicant or any other authorized Government agency/ any other valid proof (Original /Attested Photocopy).
- f) Any other document required / notified later.





INSTRUCTIONS FOR CURBING RAGGING

As per orders of the Hon'ble Supreme Court, Ragging is a Grievous Offence. Any one indulging in ragging will be severely punished. The punishment may take the form of expulsion from the Institution, suspension from the Institute or classes for a limited period or fine with a public apology. The punishment may also take the shape of (i) Reporting to the police and lodging an FIR (ii) Withholding scholarships or other benefits, (iii) Debarring from representation in events, (iv) Withholding results, (v) Suspension or Expulsion from hostel or mess, and the like. If the individuals committing or abetting ragging are not/ cannot be identified, collective punishment may be awarded to act as a deterrent.

All cases of ragging will be referred to Anti Ragging Committee of the University. All affected students are at liberty to approach Anti Ragging Committee/Squads on Telephone Numbers prominently displayed in the University.

The following will be termed as the act of ragging:

Any disorderly conduct whether by words spoken or written or by any act, which has the effect of teasing, treating or handling with rudeness any other student(s), indulging in rowdy or indisciplined activities which may cause or are likely to cause annoyance, hardship or psychological harm or to raise fear or apprehension thereof in fresher or junior student(s) or asking the student(s) to do any act or perform something, which such student(s) will not do in the ordinary course and which has the effect of causing or generating a sense of shame or embarrassment so as to adversely affect the physique or Psyche of a fresher or a junior student.

All students enrolled in the University are bound by the directions of UGC/ AICTE and other regulatory bodies in respect of prevention of ragging in educational institution campuses. Hence they are advised to keep themselves updated on their websites.

ATTENDANCE RULES AND CODE OF CONDUCT

Clause 8 of Ordinance No. 3 titled, "Conduct and Evaluation of Examinations for Programmes Leading to All Bachelor's/ Master's Degrees and Diplomas following Semester System" provides as under:

"A student shall be required to have a minimum attendance of 75% in the aggregate of all the courses taken together and 60% in each individual theory/ lab course in a semester.

Student who has been detained due to shortage of attendance shall not be allowed to be promoted to the next semester and he/she will be required to take re-admission and repeat all courses of the said semester with the next batch of students. The University Enrolment number of such student shall however remain unchanged and he or she shall be required to complete the programme in a maximum permissible period as mentioned in clause 4(c) of the Ordinance.

Dean of the Faculty concerned shall announce the names of all such students who are not eligible to appear in the semester-end examination, at least 4 calendar days before the start of the semester-end examination and simultaneously intimate the same to the Controller of Examinations. In case any student appears by default, who in fact has been detained by the Faculty, his / her result shall be treated as null and void."

The students are advised to ensure that they meet the minimum attendance requirement for appearing in the semester end examination failing which they shall not be allowed to sit in the examination. Students are also advised to maintain utmost expected discipline in and outside the University Campus. Disturbance of tranquility of the Campus in particular and society in general, through any means shall be treated as an act of indiscipline and suitable disciplinary action shall be taken against the defaulting students. Students are also advised to dress appropriately, while in campus, as per the demands of the occasion.

University has zero tolerance for indiscipline in and outside the campus by the students. Drinking, taking drugs, damaging University property, indulging in any kind of violence, misbehaving with fellow students / teachers, ragging etc. are included in the list of undesirable activities and constitute the moral turpitude. Very strict action including suspension / rustication from the roles of the University may be taken against the defaulting students.

GENERAL INSTRUCTIONS

The student would be liable for necessary action as deemed fit by the MRIU 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 and other dues paid by him/her shall be forfeited. The University may also take further action as deemed fit against such candidate and / or his/ her parents / guardians as considered suitable. Manav Rachna International University presently follows the reservation policy as under: NRI/ Foreign National / PIO seats: 15% in all programmes/ courses. General Seats: 85%.

All fees through Demand Draft are payable in the name of 'Manav Rachna International University' 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 MRIU shall be provisional, till the same is confirmed by the Registration Branch of the University.

If the University Authorities are not satisfied with the character, past behavior and antecedents of a candidate, they may refuse to admit him/her in the University. In order to ensure academic standards, discipline and congenial atmosphere in the University, the Vice-Chancellor of the University/ Dean of the concerned Faculty 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 University 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 University has a Prevention of Sexual Harassment Committee to deal with all Sexual Harassment related issues, which are handled on utmost priority. The candidates who are admitted in the University 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 UGC or any competent authority. The final cut off date for admission to all the courses is 30 September 2016. Admission Calendar is only indicative and subject to change by the competent authority.

All applicants are instructed to follow the MRIU 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.



PROGRAMS OFFERED AT MRIU

The details of Programmes offered at MRIU 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 Programme	Intake	FEES (per annum) for Indian Nationals) in Rupees	FEES (per annum) in US \$ for PIO/FN/NRI Students	Minimum Eligibility Criteria	Criteria for Preparation of Merit List - Preference Wise		
						I	II	III
Bachelor of Technology (4 year)								
1	Aeronautical Engg. (See Note 2)	30	1,65,500	US \$ 5000	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 Chemistry, Computer Science, Biology or Biotechnology and iii. One subject with the highest score out of the remaining subjects	Merit in consolidated merit list with 60% weightage of JEE (Main) 2016 and 40% weightage of aggregate marks in qualifying examinations.	Merit in consolidated merit list with 60% weightage of Uni GUAGE EMeD 2016 (See Note 1) and 40% weightage of aggregate marks in qualifying examinations	Marks in Qualifying Examination
2	Automobile Engg. (See Note 2)	30	1,65,500	US \$ 5000				
3	Civil Engg	60	1,65,500	US \$ 5000				
4	Computer Science & Engg. (See Note 2)	120	1,65,500	US \$ 5000				
5	Computer Science & Engg. in association with IBM in any one of the following specializations: (See Note 3)							
5a	Cloud Computing	120	1,90,500	US \$ 5000				
5b	Business Analytics & Optimization	30	1,90,500	US \$ 5000				
5c	Cyber Security & Forensics	60	1,90,500	US \$ 5000				
5d	Graphics and Gaming	30	1,90,500	US \$ 5000				
6	Electrical & Electronics Engg. (See Note 2)	30	1,65,500	US \$ 5000				
7	Electronics & Communication Engg. (See Note 2)	60	1,65,500	US \$ 5000				
8	Mechanical Engineering (See Note 2)	90	1,65,500	US \$ 5000				
9	Mechanical Engineering - Industry Integrated in association with JBM (See Note 5)	30	2,26,000	US \$ 5500	Pass in 10+2 examination with at least 65%marks in aggregate in 5 subjects including Physics, Mathematics & English as compulsory subjects along with one of the following subjects- Chemistry, Bio Technology, Computer Science, Biology			
10	Biotechnology	60	1,65,500	US \$ 5000	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 or Biology and ii. One subject out of Chemistry, Computer Science, Biotechnology, Mathematics or Biology and iii. One subject with the highest score out of the remaining subjects			
Sub Total		750						

FACULTY OF ENGINEERING AND TECHNOLOGY (FET)							
S. No.	Name of the Programme	Intake	FEES (per annum) for Indian Nationals) in Rupees	FEES (per annum) in US \$ for PIO/FN/ NRI Students	Minimum Eligibility Criteria	Criteria for Preparation of Merit List - Preference Wise	
						I	II
B. Master of Technology and Master of Science (2 Year)							
1	M. Tech. Biotechnology	18	96,000	US \$ 3300	Minimum 55% Marks or equivalent CGPA in B.Tech. - Biotechnology/ Microbiology/ Botany/ Zoology or M.Sc. Bio Sciences	Merit on the basis of Valid GATE	Marks in Qualifying Examination
2	M. Tech. Mechanical Engineering	18	96,000	US \$ 3300	Minimum 55% Marks or equivalent CGPA in B.Tech. in any discipline		
3	M. Tech. Electronics and Communication Engineering	18	96,000	US \$ 3300	Minimum 55% 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 M.Sc. Electronics / Physics with Electronics as one of the subjects		
4	M. Tech. Computer Engineering / Computer Engineering with specialization in Computer Networking	18	96,000	US \$ 3300	Minimum 55% 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 as one of the subjects		
5	M. Tech. Electrical Engg. with specialization in Power Systems and Electrical Drives	18	96,000	US \$ 3300	Minimum 55% Marks or equivalent CGPA in B.Tech.- Electronics & Instrumentation Engg. / Instrumentation & Control Engg./ Electrical & Electronics Engg/ Electrical Engg./Power Electronics or Electronics as one of the subjects		
6	M Tech Civil Engineering with specialization in Structural Engg./ Construction Management/ Transportation Engineering	24	96,000	US \$ 3300	Minimum 55% Marks or equivalent CGPA in B.Tech.-Civil Engg.		
7	M.Sc. Biotechnology	20	96,000	US \$ 3300	Minimum 50% marks in B.Sc. with any subject related to Life Sciences		
Sub Total		128					

S. No.	Name of the Programme	Intake	FEES (per annum) for Indian Nationals in Rupees	Minimum Eligibility Criteria	Criteria for Preparation of Merit List - Preference Wise	
					I	II
Bachelor of Technology (Lateral Entry) (3 Year)						
1	Aeronautical Engineering	3*	1,65,500	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.	MRNAT 2016	Merit in Qualifying Exam
2	Automobile Engineering	3*	1,65,500			
3	Biotechnology	3*	1,65,500			
4	Civil Engineering	12*	1,65,500			
5	Computer Science and Engineering	12*	1,65,500			
6.	Computer Science & Engg. in association with IBM in any one of the following specializations: (See Note 3)					
6a	Cloud Computing	12*	1,90,500			
6b	Cyber Security & Forensics	4*	1,90,500			
6c	Business Analytics and Optimization	3*	1,90,500			
7	Electronics & Communication Engineering	6*	1,65,500			
8	Electrical & Electronics Engineering	3*	1,65,500			
9	Mechanical Engineering	12*	1,65,500			
10	Mechanical Engineering with Industry Integrated in association with JBM	3*	2,26,000	65% marks in Diploma in Mechanical/ Automobile/Aeronautical/Production Engg. from State Board of Technical Education Haryana or equivalent.		
	Sub Total	76		In addition to 10 % seats of the sanctioned intake of various B.Tech. Normal entry Programmes of AY 2015-16, admissions in B. Tech Lateral Entry shall also be made against the seats remaining vacant in 1st year of AY 2015-16.		

NOTES:

- For details of Uni GUAGE EMeD 2016 and its schedule please refer to page no. 88 of this brochure.
- 40 Hours Business Process Course of SAP has been embedded as a part of curriculum for this programme to make our students recruitment ready for job opportunities in varied industries and other enterprises. Arming students with knowledge of SAP technology can give them an extra edge once they leave their institutions and enter workplace.
- FET offers B.Tech. - Computer Science & Engineering with specializations in Cloud Computing, Business Analytics & Optimization. IT infrastructure Management and Cyber Security & Forensics, Mainframe Technology, Open Source & Open Standards, Graphics and Gaming Technology in association with IBM which is a well known multi-national conglomerate having a turnover of more than US\$ 100 billion and worldwide business in computer hardware/software, IT services and consulting. IBM shall delivered specialized modules in the above mentioned and other domain areas in consultation with IT industry to enhance employable skills of Engineering/ Management Graduates, which consist of Learning Management System, Student Project, Expert lectures from Corporates, visits to software development and testing centers. FET students enrolled in these programmes shall be extensively exposed to professional environment and industrial experience under the mentorship of academic and IT Industry experts. Those students who excel in the specified domain skills shall definitely be preferred by the reputed IT employers through campus drive. IBM shall also issue certificates for various modules after their successful completion in addition to MRIU degree.
- B.Tech in Electrical Engineering programme with specialization in Power Electronics is jointly offered with Su-Kam, India's largest power solutions company which has presence in 90 countries worldwide and holds a record for being the only company in this field to file for over 100 patents. As per the need of curriculum, Su-Kam shall facilitate opportunities for students for industrial visits, industry integrated projects and six months Industry Internship. This programme will assure placement in various companies in India at minimum package of 3.4 Lac per annum or as per market norms at that time. A letter of intent shall be given to the students at the time of admission specifying all terms and conditions to be met by the students for the assured placement under this programme. A letter of offer shall be given to the students who meet placement criteria within 15 days from the date of declaration of 8th semester results.
- B.Tech-Mech Engg. (Industry Integrated) is jointly offered with JBM Group of Industries in which academic delivery shall also be made by Industry Experts in 3rd and 4th year. Programme includes 6 months structured industrial training in selected industries and assured placement in specified industries with minimum package of Rs. 3 Lac per annum with conditions. Letter of intent in this regard is issued at the time of admission.

FACULTY OF COMPUTER APPLICATIONS (FCA)								
S. No.	Name of the Programme	Duration	Intake	FEES (per annum) for Indian Nationals) in Rupees	FEES (per annum) in US \$ for PIO/FN/ NRI Students	Minimum Eligibility Criteria	Criteria for Preparation of Merit List - Preference Wise	
							I	II
1	Bachelor of Computer Applications (BCA) (See Note 6)	3 year	120	1,01,500	US \$ 3300	50% marks in 10+2 with pass in English as a Compulsory subject	MR NAT 2016	Marks in Qualifying Examination
2	Bachelor of Science - Information Technology (See Note 7)	3 year	25	1,08,000 + NZ\$ 933 as foreign fee component	US \$ 3300 + NZ\$ 933 as foreign fee component	50% marks in aggregate of best 5 subjects in 10+2 in any stream with pass in English plus and (a) Having studied in English medium from class 8th to class 12th Or (b)IELTS composite score at 6.0 with individual score not less than 5.5		
3	Master of Computer Applications (MCA)/ (Including Lateral Entry) (See Note 6)	3 year	60	1,01,500	US \$ 3300	50% marks in any discipline in Graduation with Mathematics either at 10+2 Level / Graduation Level		
Sub Total			205					

Note 6: 40 Hours Business Process Course of SAP has been embedded as a part of curriculum for this programme, to make our students recruitment ready for job opportunities in IT industries and other enterprises. Arming students with knowledge of SAP technology can give them an extra edge once they leave their institutions and enter workplace.

Note 7: 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 program in NZ. AIS has partnered with MRIU to provide curriculum and accreditation support for B.Sc (IT).

FACULTY OF APPLIED SCIENCES (FAS)								
S. No.	Name of the Programme	Duration	Intake	FEES (per annum) for Indian Nationals) in Rupees	FEES (per annum) in US \$ for PIO/FN/ NRI Students	Minimum Eligibility Criteria	Criteria for Preparation of Merit List - Preference Wise	
							I	II
1	Bachelor of Physiotherapy (BPT)	4½ year (including 6 month compulsory internship)	90	1,26,000	US \$ 3300	Aggregate 50% marks (Best 5 subjects) in 10+2 with pass in Physics, Chemistry, Biology and English	MR NAT 2016	Marks in Qualifying Examination
2	Master of Physiotherapy (MPT) with specialization in Musculoskeletal, Cardio pulmonary, Sports, Neurology	2 year	20	1,11,000	US \$ 3300	50% marks in aggregate in Bachelor of Physiotherapy		
3	B.Sc. - Nutrition & Dietetics	3 year (including 2 month clinical / industrial training)	70	96,000	US \$ 3300	Aggregate 50% marks (Best 5 subjects) in 10+2 in any stream with pass in English.		
4	M.Sc. - Nutrition & Dietetics	2 year	40	96,000	US \$ 3300	50% marks in aggregate in graduation, 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			220					

FACULTY OF COMMERCE AND BUSINESS STUDIES (FCBS)								
S. No.	Name of the Programme	Duration	Intake	FEES (per annum) for Indian Nationals) in Rupees	FEES (per annum) in US \$ for PIO/FN/ NRI Students	Minimum Eligibility Criteria	Criteria for Preparation of Merit List - Preference Wise	
							I	II
1	Bachelor of Business Administration (BBA) General (See Note 8)	3 year	120	1,46,000	US \$ 3300	50% marks in aggregate of best 5 subjects at 10+2 in any stream with pass in English.	MR NAT 2016	Marks in Qualifying Examination
2	Bachelor of Commerce (Hons.) (See Note 8)	3 year	120	1,11,000	US \$ 3300	50% marks in aggregate of best 5 subjects at 10+2 in any stream with pass in English.		
3	Bachelor of Business Administration (Banking) (See Notes 8 & 9)	3 year	30	1,49,000	US \$ 3300	50% marks in aggregate of best 5 subjects at 10+2 in any stream with pass in English, and minimum 55% marks at 10th standard exam.	Entrance Exam by IFBI	
4	B.A. (Hons)- Economics	3 year	30	96,000	US \$ 3300	50% marks in aggregate of best 5 subjects in 10+2 in any stream with pass in English	MR NAT 2016	
5	Bachelor of Business Administration (Global) - International Business (See Notes 8 & 10)	3 year	60	1,13,000 +NZ\$ 833 as foreign fee component	US \$ 3300 +NZ\$ 833 as foreign fee component	50% marks in aggregate of best 5 subjects in 10+2 in any stream with pass in English plus (a) Having studied in English medium from class 8th to class 12th or (b) IELTS composite score at 6.0 with individual score not less than 5.5		
6	Bachelor of Commerce (Hons.)- Industry Integrated (See Notes 8 & 11)	3 year	60	1,29,000	US \$ 3300	50% marks in aggregate of best 5 subjects at 10+2 in any stream with pass in English.		
7	M.Com	2 year	20	1,11,000	US \$ 3300	50% marks in aggregate in B.Com, BBA (any stream) and BA Economics		
Total			440					

Note 8: 40 Hours Business Process Course of SAP has been embedded as a part of curriculum for this programme, to make our students recruitment ready for job opportunities in IT industries and other enterprises. Arming students with knowledge of SAP technology can give them an extra edge once they leave their institutions and enter workplace.

Note 9: NIIT, a national leader in IT training and Institute of Finance Banking and Insurance associate with BBA Banking Program. IFBI faculty shall conduct 375 hours classroom and lab training. The pass outs shall be absorbed in reputed private banks subject to meeting specified academic benchmarks.

Note 10: 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 program in NZ. AIS has partnered with MRIU to provide curriculum and accreditation support for BBA-(Global) International Business.

Note 11: B.Com (Hons.) - Industry Integrated Programme includes KPMG Course for Accounting Professionals (KCAP) to be delivered by KPMG Experts with 100% placement assistance. B.Com (Hons.) - is similar to B Com (Hons.)-Industry Integrated except that it excludes KCAP subjects.

FACULTY OF MEDIA STUDIES & HUMANITIES (FMeH)								
S. No.	Name of the Programme	Duration	Intake	FEES (per annum) for Indian Nationals) in Rupees	FEES (per annum) in US \$ for PIO/FN/ NRI Students	Minimum Eligibility Criteria	Criteria for Preparation of Merit List - Preference Wise	
							I	II
1	BA-Journalism & Mass communication (See Note 12)	3 year	90	1,26,000	US \$ 3300	50% marks in aggregate of best 5 subjects in 10+2 in any stream with pass in English	MR NAT 2016	Marks in Qualifying Examination
2	MA-Journalism & Mass Communication (See Note 12)	2 year	20	1,26,000	US \$ 3300	50% marks in any stream at Graduation level with pass in English in 10+2		
3	BA-English (Hons)	3 year	45	96,000	US \$ 3300	50% marks in aggregate of best 5 subjects in 10+2 in any stream with pass in English		
4	MA- English	2 year	20	96,000	US \$ 3300	50% marks in any stream at Graduation level with pass in English in 10+2		
Total			175					

Note 12: FMeH has a tie up with NDTV Worldwide: Broadcast Media Consultants as Knowledge Partners for workshops on various aspects of broadcast journalism for both B.A and M.A - Journalism and Mass Communication programmes, keeping in view the current technology trends, innovations in journalism and up to date workflows for news television. These workshops shall cover reporting, anchoring, breaking news, news production and the role of a producer, different departments of a news channel, writing for television news, the newsroom scenario, operations - live PCR / camera/ editing / technical overview of modern television newsrooms and Digital Media.

FACULTY OF PLANNING AND ARCHITECTURE (FPA)								
S. No.	Name of the Programme	Duration	Intake	FEES (per annum) for Indian Nationals) in Rupees	FEES (per annum) in US \$ for PIO/FN/ NRI Students	Minimum Eligibility Criteria	Criteria for Preparation of Merit List - Preference Wise	
							I	II
1.	Bachelor of Architecture (B.Arch.) (See Note 13)	5 year	40 General - 34 NRI-06	2,54,000	US \$ 5500	Pass in 10+2 of Sr. School Certificate Examination or equivalent with at least 50% marks in the aggregate in Best 5 subjects including Mathematics as a subject of examinations at the 10+2 level or 10 +3 Diploma (any stream) recognized by Central/ State Government with a minimum of 50% aggregate marks. or International Baccalaureate Diploma, after 10 years of schooling, with not less than 50% marks in aggregate and with Mathematics as a compulsory subject of examination.	Marks in qualifying Examination i.e. 10+2 Equivalent & Aptitude Test (NATA of CoA) OR JEE of CBSE in the ratio of 50:50. Note: All admissions to architecture degree course shall be subject to passing of National aptitude Test in Architecture (NATA) conducted by the council of Architecture (CoA) OR JEE of CBSE.	NA
2.	B.Sc. -Interior Design	3 year	25	99,000+ CA\$ 733 as foreign fee component	US \$ 3300 + CA\$ 733 as foreign fee component	Pass in 10+2 of Sr. School Certificate Examination or equivalent with at least 50% marks in the aggregate in Best 5 subjects in any stream.	MR NAT 2016	Marks in Qualifying Examination
Total			65					

Note 13:

- All admissions to architecture degree course shall be subject to passing of National Aptitude Test in Architecture (NATA) conducted by the Council of Architecture & JEE of CBSE. MRIU has an approved centre in its campus for conduct of NATA. Minimum of 40% marks.
- The course shall be of 5 academic years, inclusive of six months of practical training after the first stage (3 years) in a professional's office.
- The 5 years Bachelor's degree in Architecture course is conducted in two stages.
- First Stage:** The first stage shall be of three years (six semesters) of institutional academic studies. Maximum permissible period for the successful completion of first stage shall be five years from the date of admission.
- Second Stage:** The second stage shall be of two academic years (four semesters) including six months of practical training
- The maximum permissible period for completing the Bachelor's Degree program in Architecture for which the prescribed program duration is 5(=n) years, shall be n+5=10 years.
- Each year comprises of two semesters of 18 working weeks each.

FACULTY OF MANAGEMENT STUDIES (FMS)								
S. No.	Name of the Programme	Duration	Intake	FEES (per annum) for Indian Nationals) in Rupees	FEES (per annum) in US \$ for PIO/FN/ NRI Students	Minimum Eligibility Criteria	Criteria for Preparation of Merit List - Preference Wise	
							I	II
1	Master of Business Administration-Finance (in collaboration with KPMG), Media Management, Marketing, Human Resource, International Business (in collaboration with Edinburgh Napier University), Business Analytics (in collaboration with IBM), Information Technology, Education System Management, Retail Management, Real Estate Management, Event Management, Energy Management, Sustainable Development, Disaster Management, Agri-Business Management, Sports Management, NGO Management & Operations, Societal & Community Service Management (See Note 14 & 15)	2 year	120	2,49,500	US \$ 5500	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	On the basis of Merit in the Combined Merit List based upon the following weightages: Marks in Class X-10% Marks in Class XII-10% Marks in Graduation-10% Behaviour Skill Test-10% Marks in Entrance Test 25% GD/Essay-10% Personal interview - 20% Work Experience/ Extra Curricular Activities - 5%	NA
2	Master of Arts - 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	2 year	20	96,000	US \$ 3300	50% marks in Bachelor Degree in any discipline from a recognized University.	MR NAT 2016	Marks in Qualifying Examination
3	Bachelor of Arts - 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.	3 year	30	96,000	US \$ 3300	50% marks in aggregate of best 5 subjects in 10+2 in any stream with pass in English	MR NAT 2016	Marks in Qualifying Examination
4	Bachelor of Science - Hospitality and Hotel Administration.	3 year	60	1,26,000	US \$ 3300	50% marks in aggregate of best 5 subjects in 10+2 in any stream with pass in English	MR NAT 2016	Marks in Qualifying Examination
Total			230					

Note 14: 40 Hours Business Process Course of SAP has been embedded as a part of curriculum for this programme to make our students recruitment ready for job opportunities in varied industries and other enterprises. Arming students with knowledge of SAP technology can give them an extra edge once they leave their institutions and enter workplace.

Note 15:

- In case result of the final exam has not been declared up to the cut-off date for preparation of merit list, marks scored in pre-final examination shall be considered for the purpose of calculation of weightage of qualifying examination for admission in PG programmes.
- MBA students who opt for Finance as one of the specializations shall get academic delivery of about 400 hrs by eminent experts from KPMG, a renowned consulting MNC and includes 100% assistance for placement in renowned industries.
- MBA- Healthcare Programme is jointly offered by MRIU and Fortis Healthcare which includes hospital attachment for one day per week in first 3 semesters and 6 months full hospital attachment in the 4th semester to ensure real life skills required by hospitals.
- MBA with specialization in Business Analytics shall be offered in Collaboration with IBM. IBM, a well known multinational conglomerate having a turnover of more than US \$ 100 billion with Headquarters at New York, US
- MBA with specialization in International Business shall be offered in Collaboration with Edinburgh Napier University (ENU), UK in which 3 modules namely Building High Performing Organizations, Marketing within the Global Economy, Management and Organizational Change shall be delivered by ENU faculty in MRIU campus. The student will also be certified by ENU along with MBA with specialization in International Business degree from MRIU.

ADMISSION AND APPLICATION

Foreign National Student admissions are open throughout the year. The admission form can be downloaded from our website www.mrei.ac.in

PROCEDURE FOR ADMISSION

- 1 . Please send the following by email to iec@mriu.edu.in, iec@mrvpl.in
 - a. Attached application form duly completed with photo duly signed. A scanned copy to be sent.
 - b. Scanned copy of your Passport.
 - c. Scanned copy of your Academic transcript.
- The above documents should be attested by the Indian Embassy in your country OR your Embassy in India.
- 2 . After we receive all above, you are registered for admission to the desired program subject to confirmation of your eligibility as per the documents you have provided.
 - 3 . Once your eligibility has been confirmed, you will be required to deposit:
 - a) Application fee of US\$250/- by Bank Transfer to University Bank account quoting your name and passport number.
 - b) On receipt of US\$250/-, we will send you the Eligibility Confirmation Letter asking you to deposit US\$1000/- for Provisional Admission Letter (PAL) for you to apply for VISA.
 - c) On receiving Visa, you can travel to India and pay the balance of fees.
 - 4 . Respective faculty will check all your documents in original and confirm your admission. You will be issued a **Bonafide Certificate** on the basis of your proof of residence in India and proof of residence in your home country.
 - 5 . The student will have to thereafter go in for FRRO Registration.
 - 6 . Out of the fee payable to MRIU, NZ\$ 933/- for Bachelor of Science-Information Technology and NZ\$ 833/- for BBA (Global) International Business has to be remitted to AIS St. Helens, New Zealand. For B.Sc. Interior Design, CA\$ 733/- has to be remitted to Algonquin College, Canada.



MRIU ADMISSIONS CALENDAR 2016-17

DESCRIPTION	NAME OF THE PROGRAMME				
	MBA	B.TECH	ALL OTHER UG AND PG PROGRAMMES EXCEPT B.ARCH, B.TECH- LATERAL ENTRY, BBA (BANKING) M.TECH AND MBA	BBA (BANKING)	B.ARCH, B.TECH-LATERAL ENTRY, M.TECH PROGRAMMES
Sale of Application forms open	15.12.2015 (Tuesday)	09.01.2016 (Saturday)			
Last Date of Receipt of Application Forms	09.04.2016 (Saturday)	15.06.2016 (Wednesday)	15.06.2016 (Wednesday)	15.06.2016 (Wednesday)	14.07.2016 (Thursday)
Date of Uni- GAUGE EMeD 2016* (only for B.Tech)	----	08.05.2016 (Sunday)	----	----	----
Declaration of result for Uni- GAUGE EMeD 2016		25.05.2016 (Wednesday)			
Date of conduct of NATA** for B.Arch at MRIU Campus					01.04.2016 (Friday) to 20.08.2016 (Saturday)
Date of MR-NAT & GD/PI*** in batches (wherever applicable)	16.04.2016 (Saturday) (GD/PI only)		UG: 07.05.2016 (Saturday) (MRNAT+GD/PI) 04.06.2016 (Saturday) (MRNAT+GD/PI) 18.06.2016 to 19.06.2016 (2days) (Saturday & Sunday) (MRNAT+GD/PI) PG: 19.06.2016 (Sunday) (MRNAT+GD/PI)	----	19.07.2016 (Tuesday) Only for B.Tech Lateral Entry
Declaration of MR-NAT Result	----		22.06.2016 (Wednesday)		20.07.2016 (Wednesday) Only for B.Tech Lateral Entry
Date of BBA (Banking) Entrance Test by IFBI	----	----	----	13.05.2016 (Friday) 27.05.2016 (Friday) 17.06.2016 (Friday) (in batches)	----
Declaration Result of BBA (Banking) Entrance Test by IFBI	----	----	----	18.06.2016 (Saturday)	----
Display of Merit List for Physical Counseling	18.04.2016 (Monday)	18.06.2016 (Saturday)	23.06.2016 (Thursday)	19.06.2016 (Sunday)	20.07.2016 (Wednesday)
Physical Counseling cum Admissions	19.04.2016 to 20.04.2016 (Tuesday to Wednesday)	21.06.2016 to 23.06.2016 (Tuesday to Thursday)	24.06.2016 to 26.06.2016 (Friday to Sunday)	20.06.2016 (Monday)	21.07.2016 to 22.07.2016 (Thursday to Friday)
Walk-in counseling for the seats remaining vacant	21.04.2016 (Thursday) onwards	24.06.2016 (Friday) onwards	27.06.2016 (Monday) onwards	21.06.2016 (Tuesday) onwards	23.07.2016 (Saturday) onwards
Classes Commence	11.07.2016 (Monday)	11.07.2016 (Monday)	13.07.2016 (Wednesday)	13.07.2016 (Wednesday)	25.07.2016 (Monday) for B.Tech Lateral & M.Tech and 01.08.2016 (Monday) for B.Arch

*For details of Uni-GUAGE EMeD 2016 and its schedule please refer Page No 88 of this Admission Brochure

**MRIU has the approved centre in its campus for conduct of NATA.

*** For details of MR-NAT please refer to Page No 89 of this Admission Brochure.

SCHEDULE OF PAYMENT OF FEES - BATCH 2016-17

FACULTY	PROGRAM	1st INSTALLMENT	2nd INSTALLMENT	TOTAL
FET	B.Tech	115500	50000	165500
	B.Tech- Lateral	115500	50000	165500
	B.Tech- Mech - Ind. Intgd.	176000	50000	226000
	B.Tech- CSE with various specializations in association with IBM (including Lateral Entry)	140500	50000	190500
	M.Tech	68500	27500	96000
	M.Sc.- Biotechnology	68500	27500	96000
FMS	MBA- Dual Specialization	169500	80000	249500
	MA- Applied Psychology	68500	27500	96000
	BA- Applied Psychology	68500	27500	96000
	B.Sc.- Hospitality and Hotel Administration	83500	42500	126000
	BCA	71500	30000	101500
FCA	B.Sc.- IT	74500	33500	108000+NZ \$ 933*
	MCA	71500	30000	101500
	MCA- Lateral	71500	30000	101500
	B.A- Journalism and Mass Communication	91000	35000	126000
FMeH	M.A- Journalism and Mass Communication	91000	35000	126000
	BA- Hons. - English	68500	27500	96000
	MA- English	68500	27500	96000
	BBA	93500	52500	146000
FCBS	BBA- Banking	101500	47500	149000
	BBA- Global - IB	77000	36000	113000+NZ\$ 833*
	B.Com- Hons.	76000	35000	111000
	B.Com- Hons.- Ind. Intgd.	94000	35000	129000
	BA- (Hons)- Economics	68500	27500	96000
	M.Com	76000	35000	111000
	BPT	83500	42500	126000
FAS	MPT	76000	35000	111000
	B.Sc- N&D	68500	27500	96000
	M.Sc.- N&D	68500	27500	96000
	B.Arch	164000	90000	254000
FPA	B.Sc.-ID	71500	27500	99000+CAN \$733*

*This component represents IEC facilitation fee and includes the amount which is payable to the International Partner Universities. Necessary instructions for payment of this component with respect to time frame and mode of payment shall be given from time to time.

MANAV RACHNA AND CORPORATE SOCIAL RESPONSIBILITIES

MAKING A DIFFERENCE, TRANSFORMING LIVES:

Committed to Founder Visionary Dr O.P. Bhalla's ideals of nation building, Dr O.P. Bhalla Foundation, a trust under the banner of MREI has been carrying forward the philanthropic vision and a rich legacy of Dr. O.P. Bhalla through a series of CSR activities. The Foundation has made many a milestone and a massive transformation in the lives of the marginalized and underprivileged through Skill Development workshops. It has been providing the youth with necessary skills for livelihood and is also working towards improving Gross Enrolment Ratio (GER) for higher education in Faridabad. MREI is working hand in hand with Government projects contributing significantly towards the Beti Bachao Beti Padhao campaign launched by the Government of India. Besides keeping in tune with Government projects, a number of other initiatives for social benefits are undertaken by the Foundation.



LARGEST TREE PLANTATION: Manav Rachna has also been a part of the Largest Plantation drive in the country in which over 20,000 citizen volunteers from Faridabad planted over 2 lakh plants in three hours on July 25, 2015 under "Ek din go green" campaign. The event was witnessed by Sh Manohar Lal Khattar and depicted the use of 3Rs namely reduce, re-use and recycle. The event made a place in the Limca Book of records.



TALLEST TIRANGA:

Manav Rachna has also been associated with the installation of the country's Tallest Tiranga (250 ft in height) to uphold the nation's pride and honour and is also responsible for its upkeep.

SWACCHH BHARAT ABHIYAN: Under the Dr. O.P Bhalla Foundation's Swacchh Haryana, Swacchh Bharat Initiative, and keeping abreast of Government projects the Old Faridabad Railway Station has been adopted. Initiatives are taken by different constituents of MREI to keep the railway station clean. Around 50 dustbins and 1 smart bin (developed by the students of Manav Rachna Innovation & Incubation Centre) have been installed at key locations across the Railway Station.



MOHNA VILLAGE PROJECT:

One of the prime projects undertaken by the Foundation is the Mohna Village Project: Dr. O.P Bhalla Foundation has taken the initiative to provide better

healthcare facilities, vocational training and skill development in the rural areas. To cater to the different segments of Mohna Village, The Foundation has come up with different training and developmental initiatives for specific segments. Training for Computer Literacy through Cloud Computing will be given to the students at the village. Behavioural training will also be provided to the villagers via workshops to improve their Communication, Language, and Spoken English. They will also be trained to make bio-fertilizers, worm composting, mushroom cultivation and grow exotic fruits and flowers.



MOHNA HEALTH & SKILL DEVELOPMENT CENTRE:

Adding to the project a Health and Skill Development Centre was inaugurated at Village Mohna on November 2015 by

Sh. Krishan Pal Gurjar, Hon'ble Union Minister of State for Social Justice & Empowerment. The center is now providing medical facilities through a special OPD (out-patient department) serviced by qualified doctors from Doctor on Call (an initiative by Mr. Sunil Sachdeva, co-founder Medanta, the Medicity).

Besides the Mohna village project other social initiatives are undertaken by the Foundation. To pay homage to the legendary Dr. O. P Bhalla, on his first and second death anniversaries, blood donation camps were organised in association with Lions Club & Rotary Club, Faridabad. MREI also regularly organizes Rural Dental Health Camps focusing on health and hygiene in the backward areas of Haryana. The *Ek Mutthi Daan* is yet another step towards social service and under this movement where No-one Sleeps Hungry till date, approximately 14,000 kgs rice and 700 kgs of wheat flour have been donated to NGOs namely Prayas, Sai Milan and Naaz Foundation. Besides, MREI regularly supports relief funds under the aegis of Dr O. P. Bhalla Foundation. As a movement to support the victims of natural disasters, the employees of MREI have contributed one day's salary to the Prime Minister's Relief Fund.

Go Green initiative is yet another initiative undertaken by the Foundation and Manav Rachna International University was declared the first University of Haryana to be polythene-free. Students of MREI made creative carry bags with used old T-shirts. Training in Solid Waste Segregation was conducted for the Class IV employees of Manav Rachna on how to segregate waste.

MREI has always been in the forefront to focus on social development and it is the endeavor of the Management to continue their efforts to bring about a change in the society.



PROMOTING GENDER SENSITIZATION:

The Faculty of Management Studies, Manav Rachna International University celebrated 'SWAYAM SIDDHA- Celebrating Being a Woman'

as part of its efforts in creating awareness on gender sensitization amongst the youth in association with Sindhu Srijan, an NGO working on Women and Youth Empowerment. A galaxy of dignitaries from the Government holding important portfolios graced the month long celebrations from 12 February to 8 March 2016.

As part of the celebrations on International Women's day, on 8 March 2016, Smt Smriti Zubin Irani, Hon'ble Minister of Human Resource Development, Government of India was the Chief Guest at MREI and she hoisted a 36'x24' national flag atop a 108' tall mast to mark the celebrations.

Earlier on 26 February, 2016 as part of the Women's Empowerment programme Smt. Maneka Gandhi, Hon'ble Union Minister for Women and Child Development was the chief guest and spoke of the various initiatives her Ministry had undertaken for the safety of Women. On 3 March, 2016, Ms Lalitha Kumarmangalam, Chairperson of National Commission for Women sensitized the audience at MREI on laws governing women's rights and how necessary it was to make use of them if and when the need arose.

Additionally, a National Conference on 'Women in Media: Yesterday, Today and Tomorrow' was organized at MREI, by the Faculty of Media Studies and Humanities on 8 March, 2016 in which former Captain of Indian Women Cricket Team, Ms. Anjum Chopra, was the Chief Guest.

INFRASTRUCTURE & SUPPORT SERVICES

DEDICATED INFORMATION SYSTEMS SUPPORT

MRIU has a dedicated Information and Communication Technology (ICT) Cell which provides IT and Communication support to all the Faculty and Staff. The Cell plans, organizes and 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 processes, besides ensuring a very high satisfaction level for the students.

WI-FI ENABLED CAMPUS

Manav Rachna Campus is Wi-fi enabled and equipped with latest computing facilities in accordance with laid down norms. All computers are connected to the internet with a bandwidth of 155 Mbps. A range of e-services is available to students: internet on all computers, digital library, availability of course descriptions and course material on the intranet, e-journals, e-feedback facility, e-newsletters etc.

TECHNOLOGY IN CLASSROOMS

Students get all the ICT support in their Smart Classrooms and are encouraged to perform as digital learners. The latest technology with Interactive Boards and Projectors is extensively used in the classroom to benefit young learners. The modules are aligned with the curriculum in an interactive and engaging way. All the teachers are allotted laptops to keep abreast of the latest knowledge and technology.



LIBRARY RESOURCES

Keeping pace with MRIU's goal "to promote quality education", the spacious, Dr. O.P. Bhatta Central Library offers a platform for research, innovation and development. The Library has a collection of over 1,10,000 books and 1,75,000 electronic resources. Library subscribes more than 30,000 National/International Journals and have also a large number of e-resources in the form of DVDs and CDs apart from Reports/Thesis/ Dissertations. The Library operations are fully automated. Library also provides suitable reprographic facilities to students and teachers. A well-equipped Library is an icon of quality education in its supreme form. As a New Age library, it provides unlimited access to information in many formats and from many sources. The Library with its state-of-the-art infrastructure, plush and spacious settings, aesthetically done up interiors and huge collection of more than two lakh documents in print and electronic format, is a bibliophile's dream come true. To students at MRIU, it offers a perfect platform for research, innovation & development and a tranquil ambience to explore the world of books. The fact that it was set up in the memory of Founder Visionary who always ensured world class infrastructure for the students, speaks volumes about its facilities and far reaching impact. To begin with, the Central Library is in sync with the latest technology, offering a balanced combination of print and digital collections. The online databases like IEEE, ASME, ASCE, Infotrac Gale, J-Gate Ebscohost, Knimbus and membership of digital consortia

DELNET and other professional bodies have opened up a wealth of opportunities for scholars and students alike.

The Library is Wi-Fi and RFID enabled (a technology facilitating self-service of books in areas like the issue of books, return, renewal, reissue, reservation and security management), offering the latest state-of-the art technological applications including e-books, audio-books, ejournals, ipads to maximize the use and ease of library resources. Students at the Library can delve into a whole range of text books, reference books and general reading material for enriching their mind and intellect. You could enjoy books of a varied range from industrial management to fluid dynamics, human anatomy.

The Central Library is the heart of the campus. Kindles have recently been added to the existing collection of e-books and plans are on to introduce android application for students to check their account status online. With dedicated sections like Discussion Rooms, Audio Visual Rooms, Digital Library and a separate enclosure for Research and Reference, the Central Library is slowly but surely inculcating a reading habit among the young.

In addition to above, the central library deploys

- OPAC - Libsys Web 7.0 System OPAC address: <http://libopac.mrei.ac.in> which offers user interactive services.
- Ebsco Host Single window Search Discovery Solution as federated searching tools to search articles in multiple databases.
- Remote access of library resources through Ezproxy.
- Single point of access for Content Management System for e-Learning.
- MOOCs, NPTEL Video Lectures and Open Access Resources
- Insta Alert Service that enables users to know immediately any transaction done to their account.
- Current Awareness Service like Book Alert Service, Article Alert Service and Book Review Service.

ERP AT MANAV RACHNA- A JOURNEY FROM SCRATCH

Any organization with large amount of data, multiple processes, varied requirements, and an integrated management information system is essential. Enterprise Resource Planning (ERP) applications are the answer to such requirements. ERP covers the techniques and concepts employed for the integrated management of business as a whole, from the viewpoint of the effective use of management resources, to improve the efficiency of an enterprise. ERP software packages are integrated covering all enterprise business functions.

The Manav Rachna group was surveying a good number of such application software for over a year and finally shortlisted and agreed to contract the ERP designed, developed and supported by a reputed software vendor Tata Consultancy Services (TCS).

At Manav Rachna International University, TCS-iON ERP portal is being used for the last four years and the key modules include:

• **Campus Management System comprising of:**

Applicant Database, Student database, Timetable Module, Attendance Module, Exam & Grading Module, Human Resource Management System(HRMS), Employee Information, Leave Management, Performance Appraisal, Finance & Accounts, Student Fee Management, Account Payable, Balance sheet, Self Service Portals for students & employees

Professional Virtual Community: This module is a single sign on portal enabling the authenticated user to experience a social networking like interaction with fellow students, Faculty member and management representatives. This portal also acts a medium of Learning Management System (LMS) for the student, participate in online quizzes, debates, and much more. Student can interact with fellow students, their mentors, faculty members and staff. The fundamental difference of this module with the other similar public domain products is the users are authenticated by the administrator and must be a part of the MR family.



TRANSPORTATION

Manav Rachna International University has a fleet of luxury AC Buses providing transport facility to the students of Delhi-NCR covering various locations of Delhi, Noida and Gurgaon. It has also the fleet of Non-AC Deluxe buses for the local students from Faridabad, Ballabgarh and Palwal. MRIU buses are equipped with all **safety devices** i.e. **GPS**, to track the bus location, Route, Speed etc. and **Speed Governor** to restrict the speed of the buses as per the Supreme Court guidelines, **Fire Extinguisher** and **First Aid Kit**. From the safety point of view, Buses of MRIU board (at the time of departure from Campus) and de-board (after arrival at campus) the students inside the campus premises only. Students are allowed to board or de-board the bus at the scheduled stops only.

During end-semester exam days, apart from the regular routes, we also provide the shuttle service for Tughlakabad Metro Station, Delhi, Mathura Road (Badkhal Chowk), Faridabad and Pali Chowk (at Surajkund-Faridabad Road for Gurgaon Students) from the campus after examination is over so that the student's precious time can be saved. We also allot seat numbers to every transport user on the basis of first-come-first-serve (the student deposit the transport fee first, gets the seat first). Transport ID Card is valid for one Academic Session of the respective Institute. Transport fee is collected one time in advance for the whole academic session at the time of availing transport facility. MRIU is also providing FREE transport facility for the students who avail the Off-Campus Hostel Facility of MRIU. The complete transport information i.e. Routes, Fee Structure, Transport Refund Policy, Transport Guidelines etc. is also available at the website of MRIU.

HEALTHCARE FACILITIES

A wide range of health and welfare services are available at MRIU campus. The University has a well-equipped dispensary for first aid and minor medical services. The university has a qualified doctor and nursing staff on the campus to take care of the medical emergencies. The University also has two State-of-The-Art, well equipped ambulances to cater to any exigencies thus ensuring highest medical safety for the faculty and the students alike. 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 Out Patient Department of Physiotherapy. The University's medical consultant is available for consultation between the specified hours on all working days. The University also has tie-ups with hospitals like Asian Hospital, Faridabad, Metro Hospital, Faridabad & Sarvodya Hospital, Faridabad. These hospitals provide OPD & other Medical services to Manav Rachna Associates at discounted rates.

HOSTELS

MRIU provides separate hostel facilities for boys and girls. Single, double and triple seater rooms are available. The hostels have well-furnished rooms with many common facilities like TV, PCs, Telephone, Table Tennis etc. The hostels have a well-managed & hygienic mess, where nutrition needs and taste of the students is taken care of. Regular transport services are available between off campus hostels & campus. An ergonomically and aesthetically designed hostel basically meant for International students is available with all State-of-the-art facilities.

We have hostel facility in Campus for Boys and Girls (A/C & Non A/C) both.

After taking admission in University/ college, students are eligible to opt for hostel facility. They should fill the Hostel form which will be available in Hostel Office. They should bring two self passport photographs, one parents photograph and one local guardian photograph, if applicable.

Hostel fee will be charged according to hostel accommodation (through DD or Cash only).

Hostel accommodation shall be given on the basis of " First come first basis".

Hostel fee refund shall be according to " Hostel fee refund Policy" as mentioned in the hostel booklet.

Bedding has to be arranged by the hosteller him/ her self.

Hosteler shall be given one bed, one almira, one study table and one chair on individual basis.

Facility of Sports, wi-fi, news paper, R.O Drinking water, Hot water in winters for all hostellers.

NOTE : For more details, kindly login on www.mriu.edu.in & go through Hostel Rules Booklet.

BANDS

In its endeavor to promote all round holistic development of students, the University encourages participation in extracurricular and co- curricular activities. Towards this exercise, the university supports a number of student Jazz and Rock bands which perform on all important occasions.

EDUCATION LOANS

MRIU has a tie up with Punjab National Bank, Corporation Bank, SBI & Vijaya Bank for education loans for various courses.

BANKING FACILITIES

A branch of Punjab National Bank is located in the campus. To permit easy access to cash for day students as well as hostellers, a branch of PNB ATM is also located on the campus.



CANTEEN & CAFETERIAS

Manav Rachna Campus has well stocked canteen and cafeteria, Hot Embers, Nescafe, Hunger Cure etc., which provide daily necessities to students in hygienic environment & good ambience.

CAMPUS WIDE SURVEILLIANCE

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.

GROUP INSURANCE

Students shall be provided with Group Insurance for under Personal Accident Policy to cover the following benefits:

1. Re-imbusement upto Rs 1 Lac in case of permanent disability or death of the insurer.
2. Accidental Medical Expenses upto Rs. 10000 per incident for the insurer, covering both Inpatient hospitalization and OPD expenses. It includes services of a Physician, Hospital confinement & use of operating room, anesthetics-ray examinations or treatment, laboratory tests, ambulance charges, drugs & medicines etc.
3. Protection of fee payable upto Rs 4 Lacs for the remaining duration of the course in case of accidental death of the earning parent of the insurer. In case, both the parents of the student are earning, he/she would be required to declare through a sworn affidavit duly attested by the Notary Public the name of the first parent who is responsible for paying the fee of the insurer. The benefit of protection of fee payable shall be given in the case of accidental death of such parent only.



ALUMNI/STUDENT SPEAK

WHAT DO MANAV RACHNA ALUMNI AND STUDENTS FEEL ABOUT THEIR INSTITUTION!

Ms. Shristi Rana,
Miss Asia Pacific 2013

BA (Journalism & Mass Communication) (2009-2012)

Thank you Manav Rachna for shaping and developing both my personality and communication skills that helped me to retain myself in the competitive world. Feel proud to be alumni of this university.

Ms. Seema Sorot,
Deputy Manager, (E&C), NHPC Ltd.

B.Tech-Electronics and Communication, (1997-2001 batch)

The College has highly knowledgeable and competitive faculty, well equipped labs and a resourceful library.

Mr. Dev Vig,
Chief Marketing Officer,
Cerebrahm Innovations.

B.Tech-Electronics and Communication, (1997-2001 batch)

Interacting with junior batches I found that things have only improved since then and the college now ranks amongst the best in Haryana. I have seen the horizontal and vertical growth of CITM now worldly known as MRIU".

Mr. Rishi Dahiya,
Thought Works Technologies
India Pvt. Ltd., Gurgaon.

B.Tech-Electronics and Communication, (1997-2001 batch)

The College promotes discipline, respect and dignity among students. Placement percentage is also really high.

Ms. Shubha Rastogi,
HR professional
FMS Alumni (MBA 2009-'11)

Being a business professional, I now understand the nuances of the business world. The opportunities given by FMS for interacting with people from the industry are recalled by me each time I approach people for tie- ups. Thank you FMS!

Ms. Neha Narula,
FAS (MPT, 2013)

I consider myself extremely fortunate to have been a part of an Institution like Manav Rachna. It has given me a lot of exposure and there is so much that I learnt through my classes and teachers. MRIU has made me what I am today and the fact that I am a senior consultant at a prestigious clinic in Delhi is all because of the grooming that I got at Manav Rachna. The experience overall has been awesome, so to say.

Ms. Payal Bali
FMS, (MBA 2014)

As a University, Manav Rachna is superlative and I feel proud to have been a part of its culture and legacy. I am working with a top automobile company (BMW) and know that had it not been Manav Rachna, I may not have landed myself in such a coveted job. I was recruited through the campus placement drive at the University and know Manav Rachna played a vital role in preparing me for the future.

Mr. Abhishek
FCA Alumni MCA (2009-2012)

The faculty members who spend countless hours developing course materials which are industry relevant gave me a good platform to learn and earn.

Ms. Jyoti Goyat - Dietician
FAS Alumni

The Nutrition and Dietetics program in MRIU is a well-developed outcome based curriculum. I have enjoyed my course. Every project or assignment prepared me to be a competent dietitian. I also get to learn and apply nutrition knowledge in my daily life.

Mr. Ajit Jati
MCA (2010-2013)

A special thanks to MRIU for giving us opportunities for all-round development and confidence to face the challenging market with full impact.

Ms. Rupal Pruthi
FAS - Gold Medalist
M.Sc Nutrition & Dietetics

The biggest piece of advice I have for my friends is to take advantage of every opportunity offered.

Mr. Mayank Singh
FMS (MBA 2011-2013)

My profession requires understanding people, and at FMS, we were specifically taught about understanding individuals. It is the empathy towards each individual as a unique personality which has made a difference in my career. The role play exercises at FMS were helpful in particular.



ALUMNI/STUDENT SPEAK

WHAT DO MANAV RACHNA ALUMNI AND STUDENTS FEEL ABOUT THEIR INSTITUTION!

Ankit Kumar Sinha,
FCA, (MCA 2014)

I am grateful to MRIU for giving me the confidence to forge ahead in life. As I took my degree at the Convocation Ceremony, I was filled with great pride and joy. For me, it was nothing short of a milestone. I am immensely grateful to my Faculty at Manav Rachna and the quality of education they imparted to us. Their technical acumen was so very superior and it was a privilege to be their student. I enjoyed my days at MRIU to the hilt and will always cherish the bygone years.

Swati Batra,
(CS, Batch: 2004-2008)

It was a wonderful learning experience. College was full of fun filled activities, well equipped labs & workshops, highly qualified teachers and cooperative staff. Overall it was lifetime learning experience.

Raghav Raman,
(ME, Batch: 2007-2011)

I had the privilege of learning from some of the greatest professors, who constantly pushed me, guided me and taught me things that I would never forget in my life. I believe that all the great moments, particularly the difficult times and everything I experienced, are the ones that made me the person I am today. I'm happy to be a part of the Manav Rachna family.

Aayushi Saxena,
(CS, Batch: 2007-2011)

Having an amicable atmosphere made the B Tech curriculum very interesting. Inculcating practical knowledge was the best thing about our college.

Amrit Baidwan,
(MBA, Batch: 2010-2012)

The college taught me the real values of profession and life. I enjoyed my student life with good quality of academics. Professors gave me personal attention to overcome my weaknesses. I thank my class mates and teachers for teaching me real lessons of life.

Sonam Chaudhary,
BPT alumni (Batch 2011-2015)

The Deptt. of Physiotherapy, FAS, Manav Rachna International University has been a great experience for me. My learning at MRIU has changed me personally and professionally. State of the art facilities, promising learning opportunities has given me excellent exposure which has gone a long way towards shaping my personality. Teachers at FAS have always been very motivating and guiding even after college life is over. Thank You MRIU for making me what I am today... "

Shruti Piplani,
MPT alumni (Batch 2013-2015)
Consultant Physiotherapist, Qi Spine

The Deptt. of Physiotherapy, FAS, MRIU is characterized by good education, practical training and teaching. Most of all, this is probably one of the few Universities in the NCR which assists in campus placement. I have spent some of my most memorable years here and I have been able to pursue my training as a physiotherapist only because of MRIU.

Vaishali Saini,
FAS Batch-M.Sc 2010 -2012,
Regional Trainer,
Vestige Marketing Pvt. Ltd.

The Department of Nutrition and Dietetics is home to a vibrant research community and an innovative teaching and learning environment. I chose to join Masters of Nutrition and Dietetics as this course has been running for a number of years and is one of the best places to study Dietetics in the country. The course is excellent, although demanding at times but extremely rewarding.

Priyanka Aggrawal,
FAS Batch-B.Sc 2011-2014

My main reason for choosing Nutrition and Dietetics programme was because it offers internship /training as part of the course, which I knew would give me a better insight into the Nutrition Science and Dietetics. I loved the breadth of the programme. I discovered subjects I never thought I would enjoy. I was able to build up a big picture on food; the influences of food and how food impacts the population.

Jaitika,
FMS (MBA 2009-2011)

FMS gave me all that I was looking for in a Business School- a wonderful infrastructure, experienced faculty, and excellent grooming. I still remember the wonderful outbound trip where we stayed in the serene environment at the foothills of the Himalayas ensconced in small tents. It was scary but a wonderful experience. I am into corporate sales with JC DeCaux.

Gagan Narang,
International record holder (Shooting),
FMS, (MBA 2010-2012)

I am proud to be associated with Faculty of Management studies, Manav Rachna International University. It not only provides holistic education but also inculcates sports culture in the students.



CELEBRATING THE STRENGTH OF WOMANHOOD

Manav Rachna encourages girls to be whatever they want. We empower them by allowing them to re-imagine the possibilities from being engineers, doctors, lawyers, management stars, sports luminaries and so on. Our recognition of their achievements in the form of awards is the way we look at their success. Manav Rachna's girl students are unstoppable now! On the occasion of International Women's Day (8th March, 2016), we salute their spirit

SPORTS WINNER. WOMAN ACHIEVER. MANAV RACHNA-ITE.



FMS alumnus SHWETA CHAUDHARY is a felicitated Indian shooter who has won gold, silver and bronze medals in various national and international events. The Manav Rachna family lauds her enduring spirit and shooting excellence on International Women's Day.



SHREYASI SINGH, a student of FMS at MRIU, is an Indian shooter in the double trap event. She won silver medal in the 2014 Commonwealth Games in Glasgow, Scotland. Shreyasi was part of the Indian team at the 2013 Trap Shooting World Cup held in Acapulco, Mexico. We wish Shreyasi sterling success in her future endeavours.



ANKITA DAS, an alumnus of Faculty of Management Studies at MRIU, is a famed Indian table tennis player. She represented India at the 2012 Summer Olympics in the Women's singles event. Ankita Das has won championships at the 75th senior National table tennis championships (2014). We wish Ankita sterling success in her future endeavours.



MRIS 14, student JYOTI KAPOOR is a World in-line Hockey player, brought laurels by participating in the Asian Games 2014 held in China. Jyoti got felicitated in various national and international events. The Manav Rachna family lauds her enduring spirit and excellence on International Women's Day.



FMS alumnus SHAGUN CHOWDHARY, became the first Indian woman to qualify for the Olympic trap shooting event at the Belgrade World Championships. She has an impressive lineup of medals to her credit. We wish Shagun sterling success in her future endeavours.



RIA RAJESHWARI KUMARI, a student of Faculty of Commerce & Business Studies at MRIU. Ria is a trap shooter at the senior national squad for the ISSF shotgun World Championship in Italy & World Cup in Azerbaijan. The Manav Rachna family lauds her enduring spirit & excellence on International Women's Day.

CULTURAL HIGHFLIER. WOMAN ACHIEVER. MANAV RACHNA-ITE.



FMeH, MRIU alumnus SRISHTI RANA is an Indian model and a beauty pageant titleholder. She has been crowned and represented India at Miss Asia Pacific World. The Manav Rachna family applauds her inner fire and winning mindset on International Women's Day.



FAS, MRIU alumnus MAHIMA BAKSHI is an Indian model and a beauty pageant titleholder. She has been crowned and represented India at Miss India Worldwide. Mahima remains an inspiration for many of our students. We are proud of her sterling achievements in the glamour world.

ACADEMIC EXCELLER. WOMAN ACHIEVER. MANAV RACHNA-ITE.



FET, MRIU alumnus and engineer (B.Tech- Biotechnology) NITIKA PAWAR obtained 18th rank in the Civil Services examination in her first attempt qualifying gloriously for the prestigious IAS. The Manav Rachna family applauds her triumphant and inspiring persona.



FET, MRIU alumnus NATASHA SHARMA is the founder of 'Celebrating Freedom'. Her start-up initiative is termed as 'Mannkibaat.org' which enables youngsters to upload their ideas which are further approved by the Innovation Cell. We applaud Natasha for her dynamic skill and wish her luck in this innovative and path-breaking venture.



SIMRAN KHATTAR, a B.Com student at MRIU scored the highest marks in the Company Secretary Executive examination in the year 2015. We truly feel proud of Simran's achievements and wish her great success in her future pursuits.



News SNIPPETS MRIU

Outlook November 2015

IOCL R&D CENTRE, FARIDABAD AND MRIU SIGNS MOU TO PROMOTE EDUCATION, RESEARCH & INNOVATION IN BIOTECHNOLOGY, ALTERNATIVE ENERGY, ENVIRONMENT AND AUTOMOTIVE RESEARCH

FET, MRIU, and IOCL R&D centre at Faridabad signed a MoU today to promote education, research & innovation in biotechnology, alternative energy, environment and automotive research. Dr. BP Das, Executive Director (In charge) IOCL R & D, Dr. G K Acharya, General Manager-IOCL, Mr. Sanjay Bhagat, Dr. NC Wadhwa, Vice Chancellor-MRIU, Dr. MK Soni, Executive Director & Dean, FET, MRIU, Dr. Sarita Sachdeva, HOD-Biotechnology, and Deans and Directors from various Manav Rachna institutions were present on the occasion. Dr. B P Das said: "This MoU will further strengthen the decade old relationship between IOCL & MRIU and accelerate the knowledge of working students. Dr. Prashant Bhalla, President, MREI quoted: "I am looking forward to this MoU as a platform wherein the two organizations would not only generate new realms of knowledge in togetherness for the benefit of researchers and PG students, and open a chapter of academia-industry partnership."

Pioneer June 10, 2015

GOING GLOBAL WITH LANGUAGES

As part of MREI's commitment to quality education, the name has ushered in a pan-cultural linguistic set-up, The Manav Rachna Centre of Foreign Languages (MRCFL) keeping in mind the cultural connectivity across foreign shores. The aim of the

language Institute would be to create awareness about linguistic and cultural sensitivities, to prepare students to emerge industry ready and global citizens. "With French, German, Spanish, Arabic, Japanese and Mandarin (Chinese) as focus languages, we are geared-up to take on the increasingly blurring geographical boundaries of nations and nationalities, Dr. Prashant Bhalla, said.

The Tribune Sept 27, 2015

2-DAY INTERNATIONAL CONFERENCE ON SPORTS FROM OCT 14

As many as 900 delegates from 40 plus countries debated on issues, such as promotion of research in the spheres of exercise and sports, during a two-day international conference on sports science. The conference was held in Jawaharlal Nehru Stadium, Delhi October 14 onwards. Research scholars from 17 plus countries, attended the symposium. The conference was organised first time in India by MRIU under the aegis of the Asian Council of Exercise & Sports Science in association with the Sports Authority of India.

Mail Today Education Guide July 2015

UPSKILLING THE TEACHERS AND STUDENTS

MREI and Algonquin College, Ottawa, Canada, signed a LOI and agreed to submit a proposal to be a training centre of excellence in the automotive and construction sectors. This follows in the light of the MoU signed between Algonquin College & the National Skills Development Corporation of India (NSDC). President Cheryl Jensen of Algonquin College, Canada, signed the MoU with the National Skills Development Corporation of India on Parliament Hill as witnessed by Prime Minister Narendra Modi and Prime Minister Stephen Harper of Canada. India has set a national target to skill 500 million people in India, across a variety of sectors by 2022. NSDC's primary goal is to foster private sector and industry participation in skill training and development. Located at MREI's campus, the centre focuses on curriculum development and training the trainers with the major goal of upskilling teachers and faculty from colleges and institutes across India, who will then begin to deliver short-term training courses for developing skilled workers. As a training centre of excellence, MREI will do its utmost to fulfill the national objective of training teachers with the latest knowledge and skills in the chosen fields. The tie-up will ensure training at par with global standards.



AT THE CUTTING EDGE OF INNOVATION AND TECHNOLOGY

Across an 18-year journey with many creditable milestones, MRIU has taken on the challenge of yielding applicable knowledge and path breaking Research and Development initiatives. An engineering career demands adaptability to-wards ever increasing technological demands. By reinventing programs that are aligned with the needs of the industry MRIU is creating a steady stream of students who are corporate-savvy MRIU's myriad course offerings in different branches of Engineering-Aeronautical or Automobile Engineering, Biotechnology Civil Engineering, Computer Science Engineering, Electrical and Electronics Engineering, Electronics & Communication Engineering and Mechanical Engineering, each with their own specializations and value-additions has led to the inception of programs that are both job oriented and industry-specific, often transcending disciplinary barriers.

Outlook May 2015

NEXT LEVEL GROWTH IN EDUCATION

Manav Rachna International University: Empowering Student's Lives

MRIU has to its credit, over 3000 research publications in Journals and Conferences, both National and International, while 242 Patents have been filed/granted to faculty and students. In recognition of the outstanding contribution in R&D, MRIU was conferred with the ASSOCHAM Education Excellence Awards 2014 for the 'Best Private University Promoting Research & Innovation'. To give further impetus to R&D, Manav Rachna has instituted the Dr. O.P. Bhalla Chair headed by Dr. R.K. Malhotra, Former Chairman & Full-Time Director (R&D) at Indian Oil Corporation, as the Chair Professor. A 'Centre of Excellence for Energy and Environment Studies (CEE)' and a 'Center of Research in Nanotechnology and Science (CRNTS)' were set up at the MRIU campus. The proposed Centre of Excellence for Energy and Environment Studies carries out activities in collaboration with reputed foreign universities and Indian research laboratories in Government/ Private Sector.

Tribune August 2015

MREI TRAINS PLUMBERS

MREI and Indian Plumbing Skills Council have signed a MoU to train and develop skilled workers in the plumbing sector. India has set a national target to "skill" 500 million people in India, across a variety of sectors, by 2022. The National Skills Development Corporation (NSDC) of India has been tasked to meet 30 percent of that target, meaning that they seek to produce 150 million skilled workers in the next seven years. This MoU will be the turning point in the history of the Indian plumbing industry. In this country, plumbing is taken lightly, with the support of educational institutions, this huge gap will be addressed.

Hindustan Times March 2015

WORLD'S TALLEST TRICOLOUR

Faridabad was witness to a historical moment when the world's Tallest Tiranga (Tricolour) was hoisted in Sector 12, HUDA Town Park to commemorate National Defence Day on 3rd March 2015 under the aegis of Faridabad Navchetna Trust. Eminent dignitaries present were Shri Amit Shah, National President, BJP, Hon'ble Chief Minister of Haryana Shri Manohar Lal, Sh. Dharmendra Pradhan, MOS (IC), Govt. of India; Sh. Subhash Barala, President, BJP Haryana; Dr. Anil Jain, National Secretary & Incharge, BJP Haryana, Shri Krishan Pal Gurjar, MOS, Govt. Of India, Brigadier Kuldeep Singh Chandpuri, Mahavir Chakra Awardee & VSM, Actor Sh. Ranbir Kapoor and Shri Vipul Goel, MLA & Chairman, Faridabad Navchetna Trust. Towering at a height of 250 feet (dimensions of Tiranga: 96 feet X 64 feet), the tallest tiranga filled the gathering of 10,000 plus people with great patriotic fervour. The tiranga will be cared by MREI under the visionary guidance of Dr. O P Bhalla Foundation. On this momentous occasion, War Widows, Veer Naris, Gallantry Awardees and Freedom Fighters were honoured.

Hindustan Times, pg 27, Sept 20

INDIAN SHOOTING HAS LESSONS FOR AUSTRALIA

Legendary double trap champion Russell Mark says when it comes to talent, India is way ahead of Australia. Mark, who conducted a week-long clinic at Manav Rachna Sports Academy, cited the results at the recent World Championships in Lonato, where India bagged a team bronze in double trap while Australia returned empty handed. Mark felt Australians need to learn from their Indian counterparts.



News SNIPPETS MRIU

HT Brunch- April 12-Page3

FOUNDER'S DAY

Mellifluous bhajans, Saraswati Vandana and Havan on Founder's Day was a reflection of the Institution's spiritual traditions and roots. The Chief Guest His Holiness Rishi Nityapragyaaji delivered an 'Art of Living' discourse to the Manav Rachna family. Addressing the gathering, Hon'ble Chief Patron, MREI, Smt Satya Bhalla expressed sincere gratitude towards the selfless commitment of the Manav Rachna family and urged all to continue "to carry forward the legacy of Founder Visionary and keep alive his visions and goals". Dr Prashant Bhalla felt that Manav Rachna is carrying forward "whatever plans Dr O.P. Bhalla left behind" and highlighted the manifold activities both at the level of education and social welfare. MREI's distinguished Alumni and Star Performers were felicitated on the occasion.

HT Brunch Special Story, Dec 20

INVESTING EFFORTS IN THE FUTURE

Education is at its very best when it not just imparts knowledge but also prepares the young to educate themselves throughout their lives. MREI understands this aspect of education and its implications for the future. The recently acquired coveted NAAC 'A' grade status for MRIU is a testament to their commitment to quality education. A conversation with Dr. Prashant Bhalla, President, Manav Rachna Educational Institutions, helped delve deeper into the guiding principles of MRIU and what being NAAC Grade 'A' means for the students.

Career Links July 2015

MREI TO REPRESENT INDIA AT THE WORLD FINALS OF MICROSOFT IMAGINE CUP 2015

Team Eyeluminati from MREI has won the national finals of Microsoft Imagine Cup 2015 and has bagged the prestigious honour of representing India at the world finals of the competition in Seattle, USA. The team qualified in the innovation category for the Project Manouve, a multi-utility wearable haptic device for the blind. The device can be used to read printed text and also helps the blind move around in a complex environment. The team went on to compete in the global finals from July 28 to 31, in Seattle, USA, with 32 other winner teams, from 64 countries. Congratulating the students, Dr. Prashant Bhalla, President, MREI said, "It is a moment of victory for the entire Manav Rachna fraternity as innovative projects developed at the Manav Rachna Innovation and Incubation Centre are being appreciated the world over and bringing laurels to the nation."

Careers 360 ranking

PRESTIGIOUS RANKING

Manav Rachna International University, Faridabad has found place in a prestigious ranking of 30 top technological institutions across the world as depicted by Careers 360.

Hindustan Times

MRIU DEAN MADE PRESIDENT OF ASIAN SPORTS SCIENCE BODY

Dr GL Khanna, Dean, Faculty of Applied Science, MRIU has been appointed president of the Asian Council of Exercise and Sports Science (ACCESS) for two years. Dr Khanna is the first Indian to take on this role. He assumes the responsibility of developing sports science in the Asian region. As president of ACCESS, Dr Khanna will actively promote research in the areas of exercise and sports science, facilitating international exchanges among researchers and students in the Asian regions; and bring about a seachange with his initiatives. Congratulating Dr Khanna, Dr Prashant Bhalla, president, MREI said: " The appointment of Dr Khanna, is testimony to the strong focus of Manav Rachna in this genre. We are confident that he will assume this responsibility with great ease".



Hindustan Times Education August 2015

INTEL JOINS HANDS WITH MRIIC

Manav Rachna Innovation and Incubation Centre (MRIIC) is the proud recipient of 25 Intel Galileo Boards from global technology leader Intel Semiconductor (US) LLC which aims to support its curriculum, student projects and/ or research. This major donation represents a contribution with a fair market value of about US\$1350. The equipment of Intel Semiconductor (US) LLC will support Intel Galileo board based innovation skills, and student/research projects in Internet of Things (IoT). For MREI students, this translates into the Arduino compatible development platform, ready to take their project to the next level.

Hindustan Times Education February 2016

MANAV RACHNA UNIVERSITY ORGANISES PROGRAMME ON ANEMIA AWARENESS

The Faculty of Applied Science (FAS), MRIU organised an anemia awareness programme "Ferritin Manque- In-competence". Dr. Seema Mohindra, Dy. Medical Superintendent, Metro Heart Institute, Faridabad and Dr. Ritika Samaddar, Regional Head, Dietetics, Max Hospital, Saket were among the key speakers. The seminar dealt with anemia-its effects, identification, both medical and non-medical management and provided a platform for the various experts to exchange their thoughts on how to tackle anemia in a fast growing urban culture. Dr. G.L. Khanna, Dean, FAS shared the growing incidences of anemia in the society particularly among children, women and sports personalities.

PROJECT CARNIVAL 2015

A champion of 'out-of-the-box ideas, Dr O.P. Bhalla always encouraged students to bring their revolutionary ideas to the shop floor. To celebrate Founder Visionary's penchant for research and innovation, a plethora of projects such as Infinity Mirror, Respirom, Electronic Stethoscope, Cube in a Cube with Pen Stand, Musical Pencil, Wireless Voltage Detector, Electronic Wheelchair, from the Manav Rachna Innovation and Incubation Centre & diverse streams of MREI jostled for space at the Project Carnival on April 3, 2015. 120 innovative creations by students were showcased. The prize winning projects included Smart E-Rickshaw, Power Gate, Sliding Bridge & Laminar Jet Injector Arm, 3D-Hologram, Variegation (best out of waste) to name a few, intrigued & fascinated & deeply motivated some 700 students of Delhi-NCR. The Project Carnival was an index of MREI's scientific spirit.

HT Brunch August 2015

MREI: 'BRINGING ABOUT COLOSSAL TRANSFORMATION THROUGH INCREMENTAL ARTICULATED STEPS IN SOCIETY'

MREI commemorated Second Founder's Day on April 4 by celebrating the birth anniversary of Founder Chairman Dr. O.P. Bhalla whose legacy lives on through the intrinsic mantle of excellence. The world-class institutions have transformed Faridabad into an educational hub, paid rich tributes to its Founder Visionary whose birth anniversary on April 4 was a time to re-affirm its commitment to quality education and dedicate itself towards causes that was closest to the Founder's heart. The melange of events and activities-be it the numerous health camps, Corporate Cricket Challenge, Project Carnival, Hoisting of the world's Tallest Tiranga, the plethora of CSR initiatives in fields as diverse as education, sustainable development and environmental protection, gender equality, health and well-being under the aegis of Dr O.P. Bhalla Foundation-were but an expression of Dr O.P. Bhalla's ideals of nation building to bring about colossal transformation through incremental articulated steps in society.

8TH MANAV RACHNA CORPORATE CRICKET CHALLENGE CUP

Dr O.P. Bhalla's belief in true education lay in holistic development as he created an ideal amalgam of sports and academia in MREI. The 8th Manav Rachna Corporate Cricket Challenge Cup, held in his memory, was a reflection of his joyous persona, and his inherent ability to spread hope and positivity. The Final match marked the closing ceremony in the august presence of Mr. Kirti Azad, MP, Former Test Cricketer, Dr. Prashant Bhalla, President, MREI and others. TCS lifted the trophy of the 8th Manav Rachna Corporate Cricket Challenge Cup from amongst 24 teams.

HT Education February 2015

MREI IMPARTS SKILL-CENTRIC EDUCATION

MREI is amongst the few names that has invested deeply in the best pedagogy & global practices in campuses. Responding to ever-changing market dynamics, MREI has been constantly engaged in a meaningful interface with the industry keeping in sync with the volatile, uncertain, complex & ambiguity of the corporate world. The strategic mentoring board here has been instrumental, in establishing credentials as a visible symbol of knowledge providing high-quality education, holistic development of individuals, skill-centric education and fostering research & development.



News SNIPPETS MRIU

HT Live December 2015

BRICS COUNCIL OF SPORTS SCIENCES ELECTS HON PRESIDENT

President of MREI, Dr. Prashant Bhalla has been elected president of BRICS Council of Exercise and Sports Sciences. He was elected for his contribution towards promoting health, exercise and fitness. The BRICS Council of Exercise and Sports Science (BRICSCCESS) has been founded to promote communication, interaction, and cooperation and encourage exploration among BRICS exercise and sports science professionals and students. The founding members of BRICS congratulated Dr. Bhalla and expressed that under his guidance, the council would grow and take forward the mission.

NEW BEGINNINGS AND NEW HOPES

The New Year is a time for new beginnings and new hopes as we resolve to do our best to perpetuate the legacy of our Founder Father Dr O.P. Bhalla. Year 2015 ended on a positive note with MRIU and MRDC receiving NAAC accreditation as 'A' Grade institutes. While their recognition has placed these institutions in the premier league among the top rated universities in the country, it has further reaffirmed our belief and commitment towards providing quality education. Greeting everyone in the New Year, Ms Satya Bhalla, Chief Patron, MREI said: "We hope the unity and oneness which is prevalent in the Manav Rachna family will go a long way in actualizing the mission and vision of Founder Visionary Dr O.P. Bhalla." Members of the MREI family were awarded for 10 years of committed and continuous service.

Impressive Times January 2016

MREI-REVOLUTIONALISING THE EDUCATION LANDSCAPE OF HARYANA

While rejoicing the advent of 2016, the entire Manav Rachna fraternity welcomed the New Year with the tradition of Maha Mrityunjaya Yajna to pray for peace, prosperity and success of the MREI family. The Yajna began with the Havan by Smt. Satya Bhalla, Chief Patron, MREI, Dr Prashant Bhalla, President, MREI, Dr Amit Bhalla, Vice President, MREI; Ms Deepika Bhalla, Executive Director, MRIS-14, Ms. Nisha Bhalla, Executive Director, MRIS Charmwood, top Manav Rachna and other luminaries. 31 Members of the MREI family were awarded for 10 years of committed and continuous service. Greeting everyone in the New Year, Ms Satya Bhalla, Chief Patron, MREI hoped that the vision of Dr. O P Bhalla will be carried forward into the future.

MILESTONES OF MREI'S SUCCESSFUL SOJOURN IN 2015

MRIU accredited "A-Grade" by NAAC. MRIU was awarded as the "University with Best Placements in India" by ASSOCHAM & Education Post in December 2015. MRDC became a NAAC 'A-Grade' accredited institute, the first Dental College in Haryana to be granted this prestigious status. Manav Rachna International School forays into Ludhiana - receives an overwhelming response in the very first year! The 7th Asia Pacific conference on Exercise and Sports Sciences organized by MRIU and Asian Council of Exercise and Sports Sciences (ACCESS) witnessed participation of over 900 delegates from 41 countries and was held for the 1st time in India. MREI and Global Hydrogeological Solutions have been working closely for the revival of Badhkal Lake. Under Dr.O P Bhalla Foundation, various community service initiatives are undertaken on a regular basis.

Millennium Post November 2015

HARYANA PAVILION NURTURES LOCAL TALENT

Haryana Governor Kaplan Singh Solanki visited the Haryana Pavilion set up in the ongoing India International Trade Fair 2015 at Pragati Maidan in Delhi. The Governor viewed in the products produced in the industrial units, set up by women entrepreneurs. He mentioned, "The progress of Haryana has been made explicit through the decoration. 'Skill Development would provide employment opportunities to the youth of the state." The talking dustbin equipped with sensors by MRIU students attracted attention. The Governor highly appreciated the other displays. High dignitaries from the state were present.



Mail Today March 2015

CARRYING FORWARD THE MANTLE OF EXCELLENCE

More than 40,000 students have been seen walking the corridors of knowledge of Manav Rachna, added to which is an alumni base of 18,000 plus students, many of whom are placed in leading global conglomerates. Through a long and eventful journey spanning 18 years, Manav Rachna has continuously strived to create well balanced personalities who are ready to brave challenges and emerge winners. The institution nurtures students who dare to dream big. The rich academic experience here infuses them with clarity and conviction to pursue their dream career with confidence and pride, making their presence felt on national and international platforms. Excelling at global sports arenas, beauty pageants, world forums and international technical meets has been the way of life!

GLORIOUS RECORD OF PLACEMENTS

MRIU is perhaps the only university in the country to have credit courses for job readiness which is ensured via imparting the right soft and hard skills. With 13,000+ on-campus placements over the years, the focus is on employability. The credit goes to the Corporate Resource Centre (CRC) and the Career Development Cell (CDC), who utilise innovative methods to augment the soft skills and awareness of students enhancing their acceptance by potential recruiters. The 2015 campus placement kicked-off with industry partners TCS, Accenture (For the first time) and Philips India visiting early to recruit graduating students. Other campus recruiting companies were ABC Consultants, Accenture, Avery India, Capital ID, Ceasefire, Cognizant, Covidien, Dell, Denso Subros, Eureka Forbes, HCL Technologies, Henkel India, Hewlett Packard, Honeywell, IBM, IFB Industries, Infosys, IndusInd Bank, i-Yogi, Indigo Airlines, Jet Airways, L&T Infotech, Maruti Suzuki, Motherson Sumi, Microsoft, Nestle, NIIT Technologies, Oracle, Personal Point, RNF Technologies, Religare, Robert Bosch, Sam-sung Electronics, Sona Koyo Steering, Sony India, TCS, Tally Solutions, Thomson Digital, UK Drilling & Petroleum Company, VLCC Healthcare, Yamaha, Zee News and more.

Impressive Times September 2015

MRIU SIGNS MOU WITH R SYSTEMS INTERNATIONAL LIMITED

To bridge the academia-industry gap, MRIU signed a MoU with R Systems International Limited, Noida. The MoU will have several positive spin offs. R Systems International Ltd will provide live case studies and research based projects, while MRIU part will form a team of core faculty members with different specializations to undertake case studies and research based projects provided by R Systems. The ceremony witnessed the presence of Dr. Prashant Bhalla, President, MREI and Dr. Amit Bhalla. Vice President, MREI along with the top management of R Systems, as well as other senior dignitaries.

Impressive Times September 2015

NATIONAL CONFERENCE ON APC AT MRIU

A National Conference on 'Advances in Power and Control' was organized by the Department of Electrical and Electronics Engineering, FET, MRIU in collaboration with Mitsubishi Electric India Pvt Ltd. The conference was inaugurated by Dr N.C. Wadhwa, Vice Chancellor. MRIU: Dr M.K. Soni, in the presence of Mitsubishi executives and top faculty of MRIU and other dignitaries. Dr N.C. Wadhwa, Vice Chancellor. MRIU also highlighted the challenge faced by the electric power industry in meeting.


Mail Today

JUNE 2015 MRIU ORGANISES FDP ON SOLAR RADIATION


A faculty development programme (FDP) on solar radiations was organised by the Mechanical Engineering Department of MRIU in association with the AICTE. The event featured expert lectures, experimental studies, workshops, and industrial visits. Sanjay Srivastava, Vice-Chancellor, MRIU, while addressing the participants re-emphasised the need for research in today's dynamic education system.



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