



**MANAV RACHNA INTERNATIONAL
INSTITUTE OF RESEARCH AND STUDIES**
(Deemed to be University)

Admission Brochure AY 2018-19

Details of List of Programmes offered

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MANAV RACHNA INTERNATIONAL INSTITUTE OF RESEARCH AND STUDIES

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

(NAAC Accredited 'A' Grade)

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 **TOWARDS NEW FRONTIERS**




**ACADEMIC
SESSION 2018-19**



MANAV RACHNA INTERNATIONAL INSTITUTE OF RESEARCH AND STUDIES

DEEMED-TO-BE-UNIVERSITY (under section 3 of the UGC act, 1956)
NAAC ACCREDITED 'A' GRADE INSTITUTION



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We are people who want to learn, discover, think, and do

We push the limits of what can be achieved and develop ideas that can make a difference in the world.

For more than 20 years, our community has been more than a collection of bright minds, MRIIRS has attracted people with an ambitious spirit. We imagine what the future can be, and work together to realize it. This is our spirit. A bold, enduring spirit of initiative.

MRIIRS is a comprehensive, student-focused Institution, with students enrolled in a broad range of undergraduate and postgraduate programmes. We have strong student-faculty relationships, exceptional award-winning faculty and innovative staff. It creates a unifying atmosphere of excellence across all of our faculties to encourage lifelong learning, teaching, research and discovery.

Our goal is to move each individual forward as a well-rounded, lifelong learner and a good global citizen. To achieve this, emphasis is placed not just on academic achievement, but also on extracurricular involvement. Our vibrant student life provides something for everybody, from sports to concerts, and various international trips in between. Students are also involved in many different types of social activities, including community development, team building, and networking events.

MRIIRS has joined with a panel of globally renowned education and corporate institutions to provide exciting opportunities for intelligent and deserving students to progress and grow. The Institution offers a wide spectrum of education choices for learners to carve a niche in their respective fields, complemented by opportunities to hone their practical skills, through ultra-modern technology spread across its campus buildings, classrooms, laboratories and other facilities.



VICE CHANCELLOR'S MESSAGE



Good education is a stepping stone for high flying careers and only quality institutes of higher education and learning can really contribute a lot and match with global standards in quality. Further, in the background of an emerging economy in India with an impressive growth rate, it is again quality human resource development which can sustain the growth rate through vibrant and performing institutions of learning. In the array of quality institutions, Manav Rachna Educational Institutions have grown to become one of the best educational entities in the country and have built a reputation for excellence in professional education and research. MRIIRS is the flag ship institution of Manav Rachna Group of Institutions, which are imparting inclusive and quality education in the country. Our objective is not only to provide quality education in contemporary domains but we also strive to make students independent in thought and action and also to inculcate moral values in them.

MRIIRS offers education from graduate to doctoral level with a range of courses that are in tune with today's market dynamics. The diversity of our programmes is evident in the sheer spectrum of courses on offer -Engineering, Management, Health and Applied Sciences, Computer Education, Architecture, Commerce and Humanities, Hospitality and Hotel Administration, Psychology, Media, Design, Visual Arts etc. Manav Rachna International Institute of Research and Studies, a NAAC accredited 'A' Grade Deemed to be University, has been ranked amongst the top private universities in India. As another major milestone, MRIIRS has been bestowed with the QS 5 star ratings in teaching, facilities & Social Responsibility and inclusiveness catapulting it among the premier institutions across the globe.

The Institute has world class academic and administrative resources in an eco-friendly green campus which provides great ambience for academic pursuits. To meet international challenges, the curriculum has kept pace with global standards to provide excellent domain knowledge and conducive atmosphere for high end research activities. To groom faculty and students and to support their research and innovative programmes, positive policies are in place. There is a strong connect between the Campus and Industry through policy framework of sharing all research labs, workshops and ICT resources to boost application oriented research activities.

The Institute has been able to establish long term relationships and networking with reputed international institutions/ Universities for students and faculty exchange, joint research projects, twinning projects, value addition programmes, international training of students and faculty and this has greatly helped our students into international reckoning and placement. The University also enjoys a rich legacy of large number of filed patents, thousands of published research papers in international/ national journals of repute and winning prestigious awards in competitions connected with research and development at national and international level. In the domain of training and placement, the Campus has over 500 reputed MNCs and Indian Corporates who have been regularly patronizing our students on training and placement during all these years. Across an eventful journey of 21 years, the Campus has a huge alumni base who are very well placed in reputed corporates the world over.

I extend a hearty welcome to all the aspiring students seeking admissions during academic year 2018-19 to the dynamic world of MRIIRS for a very eventful and bright innings in their professional careers ahead.

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

PRO VICE CHANCELLOR'S MESSAGE



Manav Rachna International Institute of Research and Studies is committed to its mission to provide International academic excellence, entrepreneurial spirit, vibrancy, and creative innovation through the world changing research, outstanding teaching, high quality and a presence across the globe that fosters the international and interconnected aspects. Manav Rachna International Institute of Research and Studies, a NAAC accredited 'A' Grade Deemed to be University, has a proud history of ambitious projects that reflects our passion to innovate amazing discoveries.

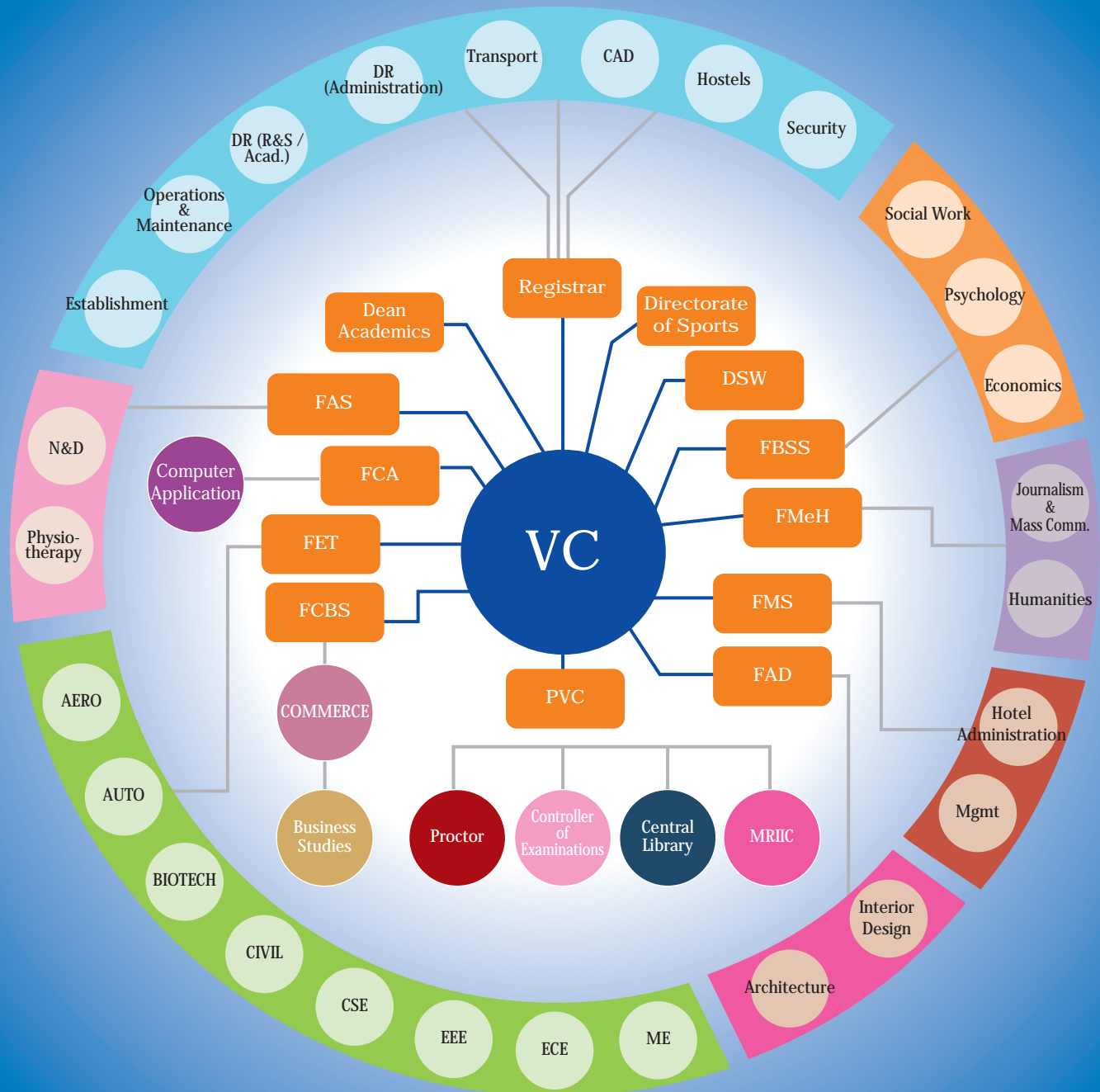
MRIIRS is a premier institution of higher learning that offers education from graduate to doctoral level covering an entire spectrum of cutting edge technologies in Engineering Discipline, Health and Applied Sciences, Architecture, Commerce and Humanities, Hospitality and Hotel Administration, Media, Design etc. The graduated students have achieved high positions of responsibility and excellence in their chosen fields.

Driven by the thirst for knowledge and motivation to make a big difference, the Institute provides an intellectually stimulating learning environment, outstanding faculty members, world class teaching facilities, engaging stakeholders in society's discourse, serene green campus; shape better minds of tomorrow's world whom we nurture as critical thinkers.

I welcome all the aspiring students to participate in the innovative and interconnected world of limitless opportunities and possibilities at MRIIRS to learn, perform, create, and study in a place where everyone belongs.

Prof. (Dr.) M.K.Soni
Pro-Vice Chancellor, MRIIRS

ORGANISATION CHART MANAV RACHNA INTERNATIONAL INSTITUTE OF RESEARCH AND STUDIES



KEY FUNCTIONARIES

Name & Qualification	Designation	Special Interests	Previous Employment
 Dr. N.C. Wadhwa, IAS (Retd.), M.A. (Public Administration), Ph.D	Vice-Chancellor	Educational Planning & Administration.	Labour Commissioner cum Special Secretary to Government of Haryana, Dean / Director Pt. B.D. Sharma, PGIMS, Rohtak, Vice Chancellor, MDU Rohtak.
 Padmashri Prof. Dr. Pritam Singh	Honorary DG MREI & Chairman-Strategic Mentoring Board	Strategic Management	Ex-Director, MDI Gurgaon & IIM Lucknow, Ex-DG IMI
 Dr. M. K. Soni, B.Sc. Engg, M.Sc. Engg, Ph.D	Pro Vice-Chancellor & Executive Director-MRIIC	Research & Development, Consultancy, Educational Administration, Teaching	Director, CRSCE, Murthal, Professor, HoD and Dean- NIT, Kurukshetra
 Mr. R. K Arora, BA LLB, M.Phil (Political Science)	Registrar	Administration	Registrar-Deenbandhu Chhotu Ram University of Science & Technology, Murthal,; Controller of Examinations, Guru Jambheshwar University of Science & Technology, Hisar
 Dr. Naresh Grover B.Sc. Engg, M.Tech, Ph.D	Dean Academics; Dean Faculty of Computer Applications	Research, Academic Planning and Coordination, Educational Administration	Department of Technical Education, Haryana
 Prof. (Dr) Krishna Kant M.Sc (Tech) Computer Science, B.I.T.S Pilani, Ph.D Computer Science, IIT Delhi	Executive Director & Dean- Faculty of Engineering & Technology	Microprocessor Embedded Systems, Wireless Sensor Networks, Information Security.	Senior Director-Ministry of Information Technology, Govt. of India, New Delhi, Dean Academics- Jaypee Institute of Information Technology, Noida
 Dr. Chavi Sharma, MA (Psychology), Ph.D, CJMC	Executive Director & Dean FBSS; Secretary - Dr. O.P Bhalla Foundation, Manav Rachna Vidyanatariksha	Research and Extension in Management Education with specialization in Human Psychology and Org. Behaviour	Professor, Amity University and Associate Fellow, CSDS
 (Prof.) Dr. N. K Chadha Ph.D (Delhi University) Post Doctorate (University of Virginia, USA)	Chairperson Doctoral Programs	Research, Psychometric Testing, Career Counseling, Positive Psychology, Human Resource Management and Gerontology	Head, Department of Psychology, (2011-2014), Head and Director, Department of Adult, Continuing Education and Extension (2008-2010), Chairman, Board of Research Studies in Humanities and Social Sciences, (2008-2010), University of Delhi, Panel of Judges, PM's Trophy, Government of India
 Dr. D. K Chadha Ph.D (Geology)	Chair Professor & Chairman-Centre for Advanced Water Technology & Management (CAWTM)	Geology, Hydrogeology, Geochemistry, Ground Water Management, Rain Water Harvesting	Former Chairman, Central Ground Water Board, Ministry of Water Resources, GOI. Travelled widely to more than 20 countries for interaction with international institutions like UNESCO, US-EPA, IAEA, Asia Pacific Network on climate change, etc. and presented technical presentation
 Dr. S.K. Bedi MA (Eco.), M.Com, Ph.D (International Economics)	Dean - Faculty of Commerce & Business Studies; Dean Faculty of Management Studies	Quality Assurance, International Business, Managerial Economics Continuing Education Programmes, Monitoring Education quality, Doctoral Guidance.	Dean Apeejay 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
 Dr. Sarita Sachdeva M.Sc, M.Phil, Ph.D	Professor & Dean Faculty of Applied Sciences; Dean Research	Bioremediation, Biofuels and Environmental Biotechnology Teaching, Research with Social Outreach	Researcher, MDU Rohtak

KEY FUNCTIONARIES

Name & Qualification	Designation	Special Interests	Previous Employment
 Dr. V. K Mahna B.Sc. Engg. (Mech.) M.Sc. Engg. (Mech) (University of Delhi) Ph.D (IIT Delhi)	Executive Director Quality Assurance and Enhancement	Teaching, Research, Academic Administration, Examination System and Reforms.	Former Director (Examination Reforms), UPSC, Joint Secretary to the Govt. of India. Professor & Dean Mechanical Engineering, Delhi College of Engineering.
 Prof. (Ar.) Jatinder Saigal B.Arch (Gold Medalist) FIIA, FIV, FICC, FICA. Master (Sust.Development) Ph.D. (Essentials for Sust. Dev.)	Advisor, Faculty of Architecture & Design	Research Work in demystifying Vaastu. Principles of Sustainability and Energy Efficiency.	47 years of Professional & Academic Experience in Architecture, Arbitration and Valuation. Founder Chairman of IIA, Haryana Chapter. Chairman, Board of Examinations IIA
 Prof. (Ar.) Sunil Arora B.Arch, Master of Planning, F.I.I.A	Director & Dean, Faculty of Architecture & Design	Interiors and Energy Efficient Architecture	CSJ Infrastructure (Larsen & Toubro Realty Ltd.)
 Prof. (Ar.) Vijay Narain B.Arch (University of Roorkee), F.I.I.A	Prof. Design Chair	Planning [Architectural Design (Building and Services)], Interior Design,	Principal Architect of VNA Design Team Pvt. Ltd.
 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. S. K Chakarvarti M.Sc, Ph.D	Visiting Advisor Research & Development	Research & Development, Extension, Teaching & Educational Administration	Professor, Ex-Chairman, and Ex-Dean Academic, Deptt.of Physics, NIT Kurukshetra
 Mr. K. C Dadhwal, M.A	Controller of Examination	Administration	Controller of Examination, MDU, Registrar, MDU, Finance Officer, MDU Rohtak
 Prof. S. K Saluja BHM (IHM Pusa), B.Com (Hons.), Advance Kitchen Program, Oberoi School of Hotel Management	Prof and Director- Hospitality and Hotel Administration	Hospitality Educator, Hotel Administration, Research and development, Kitchen Operations, Food Quality.	Dean at G.D. Goenka, Amity, Galgotias, Executive Officer(Studies) NCHMCT, Principal/Secretary- CIHM, General Manager- Hotel Chandigarh Beckons and Mid- day- meal Coordinator- Chandigarh Administration(GOI)
 Air Commodore Devender Sharma (Retd) B.E (Mech) Hons., M.E.-Aero (IISc Bangalore), MBA HRM, M.Sc (Defence Studies).	Professor & HoD, Aeronautical Engg.	Flight Testing & Evaluation, Aerodynamics, Aircraft Design, Propulsion Engg.	36 Years in Indian Air Force, DPSU(HAL) & DRDO. Qualified Flight Test Engineer with Flight testing Experience on 12 different types of fighters, transport Aircraft & Helicopters.
 Dr. Devendra Vashisht, B.Tech, M.Tech, Ph.D, MBA	Professor & HoD, Automobile Engg.	Internal Combustion Engines, Alternative fuels	YMCA Institute of Engineering Faridabad
 Dr. Abhilasha Shourie M.Sc, Ph.D	Professor & HoD of Biotechnology	Phytochemistry	Lecturer, Saraswati College, Palwal
 Dr. Sadiqa Abbas B.Tech., M.Tech., PhD - Jamia Millia, Delhi.	Professor & HoD, Civil Engineering.	Environmental Engineering, , Solid Waste Management, Ground Water	Sr. Environmental Engineer-Tetra Tech India Ltd., Research Scientist-Deptt of Civil Engg. Jamia Milia Islamia, Asstt Professor Galgotias University

KEY FUNCTIONARIES

Name & Qualification	Designation	Special Interests	Previous Employment
 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. Suresh Kumar M. Tech., BE, Ph.D	Professor and HOD, Computer Science & Engg.	Data Mining, Mobile Ad hoc Networks.	Engineer CMC Ltd, New Delhi
 Dr. Anita Khosla, B.Tech, M.Tech, Ph.D	Professor & HoD, Electrical & Electronics Engg.	Control System, Power Electronics Production Engineering	Fr. Angel Institute, New Delhi.
 Dr. Manoj Nayak B.E (Mech.), M.Tech, Ph.D (NIT)	Professor & HoD, Department of Mechanical Engg.	Conventional and Un-conventional Machining, Cutting Tools	Manager (Prod and Vendor Development), GP International Ltd., Faridabad,
 Dr. Vijay Kumar M.Sc (Maths), Ph.D (Applied Mathematics)	Professor & HoD, Department of Mathematics	Fuzzy Information theory & decision making	Delhi College of Technology & Management, Palwal and JRE College of Engineering, Greater Noida.
 Dr. Devi Singh M.Sc (Delhi University), Ph.D (Delhi University)	Professor & HoD, Department of Physics	Material Science, Polymer Fibers	Central Road Research Institute (CSIR), Senior Secondary Education Sector and Lingayas University
 Dr. Jyoti Chawla Ph.D (Chemistry), NET	Professor & HoD Department of Chemistry	Water Purification, Risk Assessment of Nanomaterials, Surface Chemistry	Lecturer in D.A.V College, Batala and Guru Nanak Dev University, Amritsar as Research Fellow in Bhabha Atomic Research Centre, Mumbai in a collaborative project (IUC-DAE) with Guru Nanak Dev University, Amritsar.
 Dr. S. S. Tyagi, B.Tech, M.S., Ph.D	Professor & HoD Faculty of Computer Application	Cloud Computing, Wireless security, Mobile Adhoc Networks, Computer Networks Security	Assistant Professor in LIMAT, Faridabad
 Dr. Pooja Anand, MSPT, MIAP	Associate Professor & HoD- Physiotherapy	Exercise physiology & Sports Rehabilitation.	Amity Physiotherapy College, Guru Nanak Dev University, Amritsar.
 Dr. Pratibha Singh, M.Sc, Ph.D, NET	Professor & HoD, Department of Nutrition & Dietetics	Research and Innovation in the field of Clinical Nutrition, Public Health Nutrition	Dr B.R. Ambedkar University, Agra, Faridabad Institute of Technology, Faridabad.
 Dr. Jayender Verma, M.Com, Ph.D (Finance)	Associate Professor & HoD- Commerce, Faculty of Commerce & Business Studies	Accounts & Economics	Faridabad Institute of Technology, Faridabad.
 Sh. Sushil Kumar Pasricha BE (Mech.Engg.), MBA	Associate Professor & HoD- Business Studies	Strategic Management & Marketing	Associate Professor-School of Management, Associate Professor-JRE Group of Institutions, Greater Noida

KEY FUNCTIONARIES

Name & Qualification	Designation	Special Interests	Previous Employment
 Dr. Deepti Dabas Hazarika BA (Hons.), Economics, B. Ed., MBA, M.Phil., Ph.D.,	Assoc.Professor & HoD - Management	Service design and delivery, Advertising and promotion, Administrative Systems Management, Technical and creative writing	ICFAI Academy; Gulf Alliance Co. Ltd. (Training Solutions), Sultanate of Oman; Tiger Systems India Pvt. Ltd.- A Fabricare Brand
 Ms. Ritika, PG Diploma in PR & Marketing, B.Ed	Assistant Professor HoD-Hotel Management	Public Relations	14 Years in Hotel Industry
 Dr. K M Tripathi Ph.D (Organizational Behavior)	Assistant Professor & HoD- Department of Psychology, Faculty of Behavioral & Social Science	Organizational Behavior, Research Methodology, Counseling, Social Psychology	TCS & Entrepreneurship Development Institute of India, Ahmadabad.
 Dr. Nimai Das BSc (Economics Honours), MA (Econometrics & Statistics), PhD (Environment & Natural Resource Economics); UGC-NET & SET with JRF in Economics	Assoc. Professor & HoD- Economics, Faculty of Behavioral & Social Science	Research in Public Economics and Applied Econometrics including quantitative modelling of environment, climate change, natural resources, public health, state finance, etc.	Institute of Economic Growth (Delhi University Enclave), Centre for Studies in Social Sciences Calcutta (ICSSR-ERC), Presidency College (Kolkata) and Public Health Foundation of India (PHFI Delhi)
 Dr. (Prof.) Harbir Kaur Arora M.Litt. Ph.D (Linguistics)	Professor & HoD - English- Faculty of Media Studies & Humanities	Language Teaching, Linguistics, Communication Skills, Soft Skills, phonetics grammar	University of Delhi (Linguistics Dept.) Galgotias College of Engineering, SGT University, Gurgaon
 Dr. Parul Goyal Wasan Ph.D	Associate Professor HoD-Journalism & Mass Communication Faculty of Media Studies & Humanities	Film making, still photography, writing (academic papers)	Management Development Institute, Gurgaon
 Mr. Vishal Prabhakar B.A (Delhi University)	Head Visual Arts - Faculty of Media Studies & Humanities	Visuals Arts, Visual Effects, Animation & Broadcast Design	Autodesk, Sony Entertainment Television & Zee Television
 Dr. R. V. Singh, B.Sc. Engg., M.E., Ph.D	Professor Department of Mechanical Engg. Faculty of Engineering & Technology	Production Engineering	IGIT, Delhi, Al-Falah School of Engineering & Technology, Faridabad, Gold Field Institute of Technology & Management, Faridabad
 Dr. Supriya P. Panda, M.Sc. (Maths), M.S, Ph.D	Professor-CSE Faculty of Engineering & Technology	Soft Computing, Software Engineering, Algorithms	Associate Professor-NCU (Formerly ITMU Gurgaon)
 Mr. Gaurav Sood, MBA, M.A (Public Administration), (Integrated Marketing Management)	Professor-MBA (Marketing)-Faculty of Management Studies	Marketing, Digital Marketing, Brand Management Corporate Communication	Wacom GM Brand Marketing Key Account Director-HH Global, GD Goenka World Institute-Lancaster University
 Dr. Amit Seth, Ph.D. (Aligarh Muslim University)	Professor, Faculty of Commerce & Business Studies	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
 Dr. Anil Sarin, M.Com, PGDM, Ph.D, D.Litt	Professor, Faculty of Behavioral & Social Sciences	Marketing, Management and Entrepreneurship	Hamdard University, Jamia Milia Islamia, Pondicherry University, NIAM-Jaipur

KEY FUNCTIONARIES

Name & Qualification	Designation	Special Interests	Previous Employment
 Dr. Surbhi Kapur, PG (English), Ph.D (English)	Professor-Faculty of Management Studies	Business Communication & Cross Culture Communication	KIIT School of Management (KSOM), Bhubaneswar
 Dr. Rashmi Agrawal, M.Phil, M.Tech, MBA,	Professor Faculty of Computer Application	Data Mining, Artificial Intelligence	Faridabad Institute of Technology, Faridabad
 Dr. Renuka Pathak, B.Sc. (Chemistry & Physics ancillary), B.Ed, M.Sc.(Biochemistry), Ph.D	Professor-N&D Faculty of Applied Sciences	Diabetes Management, Genetics	Lady Irwin College & other colleges of Delhi University, Sophia College, Ajmer
 Dr. Monika Goel, B.A, M.Com (E.A.EM), NET, Ph.D	Professor, Faculty of Commerce & Business Studies	Business Taxation, Corporate Finance, Business Law & Financial Markets	Asst. Professor, Lal Bahadur Shastri Institute of Management, New Delhi
 Mr. Harikrishna Nambiar, Graduate Diploma in Construction Project Management, B.Arch (SPA)	Associate Professor	Temple Architecture	Visiting Faculty Member, Vastukala Academy School of Architecture, New Delhi
 Mr. Vasant Meher BE (Electronics), Ph.D	Associate Professor	Generative Art & Design, Cognitive Sciences	Consultant Designer, Insight Group & Reality Premedia.
 Vikram Kr. Sharma M.Lib. & Info. Science, UGC-NET	Head, Central Library	Research & Reference	The American Library, New Delhi, Union Ministry of Home Affairs
 Ms. Gurjeet Chawla, M.Sc., MBA	Associate Dean Student Welfare & Associate Professor- Nutrition & Dietetics- Faculty of Applied Sciences	Nutrition & Health Promotion Community, Resource Management	Faridabad Institute of Technology, Faridabad
 Dr. Shobha Srivastava M.Sc., MBA, Ph.D in Microbiology	Deputy Registrar- Faculty of Engg. & Technology	Education & General Management, Holistic Wellness & Life Skills & Industrial Microbiology	Dean Administration & Corporate Affairs, Shivalik College Of Engineering, Dehradun
 Mr. Deepak Sharma B.Com. D.PEd., M.PEd.	Deputy Registrar- Registration & Scholarships/ Academics	Administrative and Academic matters of the University	Assistant Registrar-Career Institute of Technology and Management (CITM), Faridabad from September, 2000 to May, 2006. 17 years of rich administrative experience in educational institutions.
 Mr. Ishwar Singh Sharma MA	Dy. Registrar (Administration)	Administrative matters	OSD - DCRUST, MURTHAL and Former Administrative Officer - Govt. of Haryana

ESSENTIAL FUNCTIONARIES:MREI

Name & Qualification	Designation	Special Interests	Previous Employment
 Brig. S. N. Setia (Retd.) M.Tech (Telecomm), MMS, PGD HRM, PGD FM, Army Technical Staff Course, National Defense College Course	Director Admissions & IEC	Telecommunications, All Management subjects.	Military College of Telecomm Engg. Professor & Head IT Dept. at College of Defense Management, Dean, Faridabad Institute of Technology, Faridabad
 Dr. B. S. Gill, B.Sc. (Engg), Ph.D.	Advisor MRIIC	Heat Transfer, Pinch Technology/ Process Integration, Combustion, Fired Heaters, Fluidized Bed Boilers, Advanced Controls, Computational Fluid Dynamics and Project Management	Central Mechanical Engineering Research Institute, Durgapur, Bharat Heavy Electrical Ltd., Engineers India Ltd., New Delhi.
 Mr. Amit Bhatnagar, BE, MBA London Business School	Director-Career & Skills Development	Career development of students, building and enhancing capabilities in line with Skill agenda outlined by the Government of India.	20 years of experience working with multinationals in Energy and IT sector in various leadership roles across geographies.
 Mr. Sarkar Talwar, Graduation in sports, Level 4 Coach	Director-Sports	Sports Management	Haryana Govt., Chief Coach of the Indian Jr. Cricket team (1995-2003)
 Dr. Pradeep K. Varshney, M.Sc, Ph.D	Professor & Director-MRIIC	Material Science, Composite Polymer Electrolytes for Electrochemical Batteries, Biodiesel Purification, Solar Stills	Lecturer, Delhi College of Engg, Research Associate, National Physical Laboratory, Post Doctoral Fellow, National Taiwan University and LG-Elite Company, South Korea, Associate Professor, School of Engg & Applied Sciences, New Delhi.
 Col. Girish Kumar Sharma, B.A., M. Sc. (Defense Studies), Business Administration MDI	Director-Planning & Coordination	Business Development	Indian Army, United Nations, HealthCare, Education & Global Alliances
 Mr. Sudhir Verma MBA (Marketing)	Director Marketing & Branding	Marketing & Strategy	Hindustan Times, Spice jet Ltd.
 Mr. Atul Kalra, PG in Advt. & PR	Director- Administration	Administration, Operations, Branding, Events	Director Operations-Techplast India Pvt. Ltd.
 Ms. Shailja Naqvi, M.A (Mass Communication)	Deputy Director- RMR	Multimedia Planning, Event Management, Radio Programming & Media Teaching	India TV, Network 24, Synergy, Y Media Niti Digital,
 Lt. Col. Dipankar Sen M.Tech, Post- Graduation in Electronics	Deputy Director-IT	Cloud Computing	Huawei Technologies
 Dr. Latika Chaudhary MBA, PhD.	Deputy Director Admissions & IEC.	Digital Marketing, Communications, Brand Management, Admissions.	Dean Student Affairs - University College of Bahrain, Director Admissions - Noida International University, Head Admissions - Mangalayatan University.



DEAN-ACADEMICS

Dr. Naresh Grover
Professor, Dean - Academics & Dean-FCA
Experience: 33 years
Areas of Interest: Digital System Design and
Microprocessor

It gives me immense pleasure to welcome you to Manav Rachna International Institute of Research and Studies (MRIIRS) where academics and activities go hand in hand as students are groomed to evolve as balanced personalities 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 striving for academic excellence and inculcating the same spirit among our students for overall personality development. The major emphasis while imparting training at MRIIRS is to encourage the quest for knowledge and innovation among our students and lay a strong foundation for a future where they are able to face global challenges in a rapidly-changing scenario. Here at MRIIRS, we try to mould our students with strength of character, self-confidence, technical competence and leadership in management so as to transform them into insightful and honorable citizens of this great nation.

The academic ambience at this University nurtures critical-thinking as our students gain in depth knowledge and practical skills through industry-oriented curricula and innovative instructional practices. Backed by multidisciplinary teamwork approaches and 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.

MRIIRS 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 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 MRIIRS, 'Quality' is a way of life, ingrained in its very roots and philosophy. With the award of 'A' Grade by NAAC, a coveted distinction in academia, 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, Manav Rachna Educational Institutions have collaborated with SAP SE (NYSE: SAP) to offer extensive range of courses to all its students 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 Processes has been embedded in the curricula of B.Tech, 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 culture of research and

innovation pervades the campus through enhanced R & D activities, myriad projects and initiatives at the Manav Rachna Research Innovation and Incubation Centre (MRIIC), creation of Research Clusters 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 MRIIRS 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 towards life.

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 years at Manav Rachna are filled with cherishable memories.

With very best wishes for a richly rewarding career.

Dr. Naresh Grover
Dean Academics, MRIIRS





FACULTY OF COMPUTER APPLICATIONS (FCA)



Dr. S.S. Tyagi
Professor and Head of Department

Qualifications: B.Tech, M.S., Ph.D

Experience: 25 Years

Area of Interest: Cloud Computing, Wireless security,
Mobile Adhoc Networks, Computer Networks Security

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 Ph.D 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 have been designed as per UGC Choice Based Credit System (CBCS) with a basket of reasonably good number of Elective Courses including Discipline Elective, Generic Elective and Open Electives. Some of the recent courses include Android Application Development, Cloud Computing, Optimization Techniques, Digital Image Processing, Compiler Design, Software Project Management and Search Engine Optimization.

We at FCA provide a highly interactive learning environment so that the students get full fledged knowledge of Information Technology and its related work culture. Being into Information Technology sector we also make sure that our students should understand the need and utilization of service industry.

Students are encouraged in innovative and critical thinking in various computer languages and platforms. 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. Faculty serves as a mentor to the students throughout their stay during the programme. Post-graduate students are also guided for research in addition to their curricula. A separate entity has also been committed for the research activity for the post graduate students. Students of UG and PG are also encouraged to write research papers in good journals and present them in International and National Conferences. The Department has student chapter of Computer Society of India (CSI) & is holding co-curricular activities regularly in association with CSI.

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 and non-academic problems of students are individually discussed & resolved.

The Faculty of Computer Applications has modern classrooms with quality audio-visual equipment and computer labs with latest software and equipment. The entire MRIIRS 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 endeavors to provide knowledge on Holistic Wellness & Life Skills for its students. There is a special emphasis on all round personality development.

Apart from teaching the students are encouraged to develop their personality by participating in different cultural activities. There are number of clubs (Fine Arts, Dance & Music, Debate etc.)

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

PLACEMENT OPPORTUNITIES

FCA, is committed to support and celebrate individuals from all backgrounds, countries, & cultures. Doing so gives us the ability to readily adapt, the creativity to come up with fresh ideas, the openness to connect with others, and the willingness to share knowledge and our excitement about pursuing it.

In an endeavor to secure top-of-the-line in-campus recruitment of the students, the teaching faculty conducts placement incubation and preparation classes for a minimum of two semesters besides capsule inputs. All the programmes at FCA 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 / 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 various IT sectors / organizations as Programmers, Software Testing Engineer, Analysts, Administrators and Researchers.

Major Recruiters for our students are: AON Hewitt, CMC, DELL, HCL Technologies, I & T Infotech, Motherson Sumi, NIIT, SAMSUNG, WIPRO, ACCENTURE, SONY ERICSSON, GENPACT, Zen Focus, 3 Pillars Global, Tech Mahindra, Aricent Technologies, TCS, ICS Solutions, SunLife, etc.

PROGRAMMES OFFERED

- Bachelor of Computer Applications (3 Year)

BCA is a three year long Undergraduate Level Bachelor's Degree program. The three years duration is divided into 6 semesters, each lasting a period of 6 months. BCA program has lots to do with Computer Science and programming. Students are given knowledge on topics like Programming languages, hardware and software, computer networks, World Wide Web, Database Management, Multimedia etc.

- B.Sc. - Information Technology (3 Year)



B.Sc. - Information Technology is being offered in association with Auckland Institute of Studies (AIS) New Zealand (is a unique tertiary institution providing

NZQA Accredited Programmes) as academic knowledge partner with in-built 4-weeks internship programme at AIS, New Zealand.

- MCA - (3 Year)

Master of Computer Applications (MCA) is a three-year (six semesters) professional Master's Degree in computer applications. The course is designed to meet the growing demand for qualified professionals in the field of Information Technology. It is a postgraduate course that can be taken up after obtaining a Bachelor's Degree. The MCA programme is inclined more towards Application Development and thus has more emphasis on latest programming language and tools to develop better and faster applications. It covers various aspects of computational theory, programming, algorithm design and optimization, network and database management, mobile technologies, electronics, mathematics, probability, statistics, accounting, finance, etc.

- MCA - Lateral Entry (2 Year)

Master of Computer Applications (MCA - LE) - Students who are undergraduate with BCA or BSc (IT) or BSc (Computers) can take admission directly into second year of MCA programme.

- Ph.D. - As per the availability of guide

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



FACULTY OF ENGINEERING & TECHNOLOGY (FET)



Dr. Krishna Kant
Executive Director & Dean

Qualifications: M.Sc. Physics - Specialization Electronics, Jabalpur University, M.Sc. Tech. Computer Science B.I.T.S, Pilani Ph.D Computer Science, IIT Delhi

Experience: 41 Years

Publications: More than 50 research papers in National and International journals; four patents to his credit and 7 Books published under renowned Publications

Areas of Interest: Microprocessors and Controllers, Embedded Systems, Industrial Automation, Bio Informatics, Wireless Sensor Networks

MRIIRS 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 Institute of Research and Studies (MRIIRS).

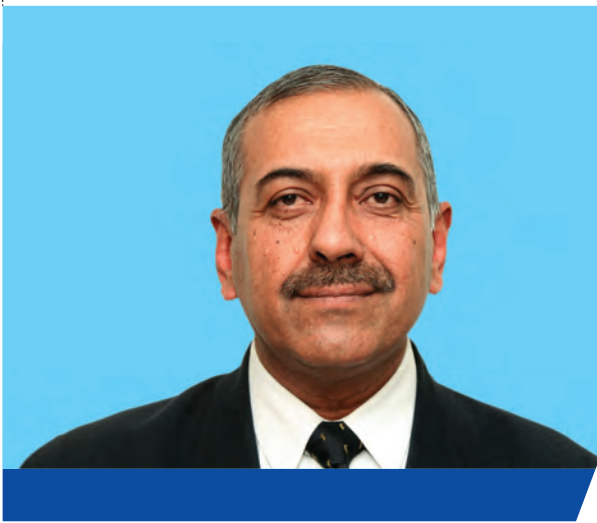
MRIIRS is accredited with "A" Grade by NAAC (An autonomous institution of the UGC). It enjoys unparalleled reputation among all stakeholders i.e. its students and their parents, employers and the community at large. The Faculty has a strong track record of on-campus placements with national and international 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 Programmes in different departments. It also offers Ph.D Programmes. Presently more than 125 research scholars are pursuing Ph.D programme in different departments of FET. Eligibility conditions, No. of seats, Fees payable, Criteria for merit list and other details of all the above programmes are given from Page No. 75 onwards in this brochure. Student Exchange Programmes/ internships are also available to our engineering students. All the departments under FET have well qualified faculty involved in both teaching and research. Up to date laboratory facilities are available for both teaching (UG & PG) and research. The computer student ratio in computer labs is 1: 1. There are also specialized laboratory facilities for Cloud Computing, SAP technology etc.

A number of programmes are offered in collaboration with industry: B.Tech Computer Engg. (Industry Integrated) - in association with IBM in the following specializations: (a) Cloud Computing (b) Business Analytics and Optimization c. Cyber Security and Forensics (d) Graphics & Gaming Technology), B.Tech. Mechanical Engineering (Industry Integrated) in association with JBM & B.Tech Electrical & Electronics Engg. (in association with Su-Kam). The Faculty regularly conducts in depth study on technology trend and brainstorming sessions with industry and their knowledge partners.



This year B Sc (Data Science) has also been offered. Choice Based Credit System (CBCS) with a basket of good number of Elective Courses including Discipline Elective, Generic Elective, Open Electives and 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. Forty 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. 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. FET has also organized various International and National Conferences/ Seminars/ Workshops in collaboration and support of Govt. Funded

Organizations and Foreign Universities. The students of FET have been participating every year in number of competitions with excellent result. Some notable achievements in the recent past include participation in Formula student journey (5) in Hockenheim, Shell Eco Marathon in Manila, BAJA U.S.A, 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.



DEPARTMENT OF AERONAUTICAL ENGINEERING

Air Commodore Devender Sharma (Retd)
Professor & Head of Department.

Qualifications: B.E (Mech) Hons., M.E.-Aero (IISc Bangalore),
MBA-HRM, M.Sc (Defence Studies)

Experience: 36 Years

Areas of Interest: Flight Testing & Evaluation,
Aerodynamics, Aircraft Design, Propulsion Engg.

The Aeronautical Engineering department was established in 2008 and has, thereafter, acquired resources consistently in order to build up a good academic environment. The Lab facilities available include a subsonic, open circuit wind tunnel along with its measurement accessories, a 3-component Balance, a water-table, a hot-wire anemometry system, a 32-channel electronic pressure scanner, propeller test set up, flame propagation apparatus, experimental set up for measuring shear centre, torsion and bending stresses, and diffused light Polaris cope 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 and fly them so as to study the effect of aerodynamic features and 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 modeling/simulation software's like, GAMBIT/FLUENT, MATLAB, CATIA, and CREO.

The faculty members in Aeronautical Engineering are well qualified, holding Ph.D. and M.Tech. Qualifications in Aerospace Engineering from premier institutions of India. They 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 students undergo industrial training as a part of the curriculum. They are also trained on soft skills and aptitude development to prepare them to face the professional world with confidence and hence be job-ready once they pass out.

The co-curricular activities include educational visits to Air Force bases, industry and academic institutions. The department conducts aero-modeling workshops & organizes guest lectures by experts from industry/academic institutions.

Aeronautical students have been placed in DRDO labs, like ADE, Bangalore; in organizations like Mechartes and Zeus Numerix which is engaged in application and development of Computational Fluid Dynamics; and in private companies like TCS and companies engaged in design and maintenance. Some of the students have gone for higher studies (M.Tech, MBA and Ph.D.) in premier institutions in India, USA, Germany, and Australia.

Thrust Areas: Experimental aerodynamics, CFD and UAV

PROGRAMME OFFERED

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

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

PLACEMENT OPPORTUNITIES

Aerospace Engineering is both challenging and rewarding. India's successful 'Chandrayaan', 'Mars Orbiter Mission', recent successful launch of GSLV Mk-III, and indigenously designed and manufactured Tejas fighter aircraft 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. (NIT Jalandhar) M.Tech. (IIT Delhi)
Ph.D. (Jamia Millia Islamia Delhi) MBA.

Experience: 19 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 25.31 million vehicles in FY 2016-17, following a growth of 5.41 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, around 31 per cent of small cars sold globally are manufactured in India. 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. The 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. Besides, the Government aims to provide a major thrust to electric vehicles in foreseeable future.

The Department of Automobile Engineering was established in 2009. It was created to provide specialized knowledge and skills to students for their contribution to The Automobile sector.

This specialized objective is fulfilled by the highly qualified and experienced faculty having M.Tech/ Ph.D degrees. 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 has well developed up to date laboratory facilities. 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 The strength of materials, manufacturing technology, fluid mechanics, heat transfer, industrial engineering and workshop technology are also taken care of. Hands on training are 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 ANSYS are being taught on workstations for design and development of vehicles.

INDUSTRY-ACADEMIA INTERFACE

The department has linkages with industry and scientific research organizations. Such as Honda Motorcycle and Scooter India Private Limited (HMSI) Manav Rachna International Institute of Research and Studies (MRIIRS) in association with Honda Motorcycle and Scooter India Private Limited (HMSI) has established Automotive Training & Research Centre at University campus for imparting high end skills required in Auto Sector for its students. In this association HMSI will provide technical support on frequently changing technological advancement in two wheeler industry. Research areas will be focused on improving efficiency of engines, alternative sources of energy with improved design features of vehicle and its components. The centre of excellence will not only enhance employability prospects of the students but will also impart skills for self-employment.





Indian Oil Corporation Limited (IOCL) R & D Centre Faridabad
The Department in association with IOCL helps in providing training in the new emerging area related to fuel development and emission control. In this association joint research projects are also taken up based on clean fuels & pollution reduction.

Automotive Skill Development Council (ASDC)

The Department in association with ASDC helps in imparting skill based training to its students that will not only enhance employability prospects of the students but will also impart skills for self-employment.

Automobile Engineering Department runs SAE Collegiate Club for its students interested in showcasing their practical knowledge at national and international level. 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, Grid-Tech & Auto-Tech Review competitions and shown their capabilities/ knowledge acquired through the programme.

A team of students has participated at Grid Tech 2015 held at Pragati Maidan and won the third prize among 40 shortlisted teams from all over India. Another team was 1st Runner-up in Student Innovator of the Year award category at the Indian Automotive Technology and Innovation Awards (IATIA) for the year 2016. The team was awarded with prizes worth of 450 Euros. Dr Devendra Vashist as a faculty professor of the department was conferred SAE GURU Award 2015-16.

Students are given regular exposure and awareness about manufacturing processes through industrial visits. Some of the manufacturing units that were visited in 2016-17 are Honda SIEL Cars India Ltd. (HSCJ) Greater Noida, Rosa Thermal Power Plant, Shahjahanpur (U.P) Krishna Maruti Ltd. Gurgaon AAR ESS Auto Private Ltd, Faridabad and Indian oil, Research and Development Centre Faridabad.

The Department organized workshops titled “Alternative Fuels For Reduced Import Dependence and Environment Protection”, “Engine Overhauling, Engine Fault Diagnosis and Wheel Balancing Future and SAE International President and Student Meet in 2016-17. In these workshops prominent personalities from the auto sector delivered their expert thought to our aspiring engineering students and faculty members.

PROGRAMMES OFFERED

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

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, New Holland, 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 Krishna Maruti, Sharda Motors, Ginnie solution, Institute of Road Traffic Education, HKS Auto, TCS, Square Yards, Harrison Associates, Blue Sapphire, Newgen Software technologies, Honeywell, A one Commercials, 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. Abhilasha Shourie
Professor & Head of Department
Qualifications: M.Sc, Ph.D
Experience: 13 Years
Areas of Interest: Phytochemistry

Biotechnology is growing at a fast pace in India and is rapidly gaining significance and opportunities throughout the world. India is one of the leading markets for Biotechnology industries and there is a huge focus of Indian government on Research & Development in Biotechnology. The biotechnology sector of India is highly innovative and is on a strong growth trajectory. Robust growth in Biotech industry has attracted the significant amount of attention of global companies over the past two decades. Biotechnology has shown a very promising future in India and has emerged as most sought after discipline for turning the country into a global manufacturing hub.

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 post war introduction of other scientific disciplines such as physics, chemistry and mathematics into biotechnology. 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. Biotechnology is also one of the most realized fields for "Make in India" campaign and it has been identified by the Government amongst the 25 sectors that will be covered under the Make in India plan to strengthen the Indian economy. Huge funds are being mobilized in different areas of biotechnology such as biopharma, agri-biotechnology, diagnostics, horticulture, food science and more through several schemes and initiatives by Department of Biotechnology (DBT), Department of Science & Technology (DST) along with other government funded institutions.

The Department of Biotechnology was set up in the year 2002 at MRIIRS. The Department 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, Bio-therapeutics, Diagnostics, Nanobiotechnology Fermentation Technology, Virology, Environmental Biotechnology, Bio-fuels, Bioremediation, Bioinformatics, etc. Faculty members are consistently involved in quality research. Their dedicated efforts have resulted in more than 200 publications in National and International journals of high repute including proceedings of seminars/conferences. At present seven 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 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, workshops/ seminars/ conferences are organized regularly to disseminate developments in the discipline of Biotechnology.

Research & 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.

Numerous Research Papers have been published by the faculty and students of the Department at PG and UG level. Students are encouraged to pursue research projects in the domain of their interest, present their work in seminars/ conferences and/or publish their work in scientific journals. This inculcates scientific temperament in students and fosters critical thinking.

One of the biggest achievements of the Department of Biotechnology is the Startup of a Company-“TRICHO AGRONICA Pvt. Ltd.

Management of the disease through agrochemicals has resulted in increase of toxicity in food chain and several health hazards. Thus there is a great need to develop bioformulations that can enhance crop yields and additionally protect them from pests as well, to promote confidence among end users. The Department of Biotechnology has developed a bioformulation 'Bioelixir' which is a remedy for Bull's eye pathogen specifically in tomato crop at low cost. Tomato (*Lycopersicon esculentum* Mill) "Super food" is adversely affected by Early blight caused by *Alternaria solani*. To carry the projects forward a Startup company to this effect with nomenclature as "TRICHO AGRONICA Pvt. Ltd" has been setup under Indian oil start up scheme (IOSUS), a "Start-up India" initiative announced by Prime Minister Shri Narendra Modi and funding of Rs. 1.72 lacs has been provided.

PROGRAMMES OFFERED

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

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

Many pass outs have opted for higher studies in both national and International universities after qualifying in competitive exams. 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. Some of the Indian universities where our students are pursuing higher studies are IIT Mumbai, IIT Khargpur and many more.



DEPARTMENT OF CIVIL ENGINEERING

Dr. Sadiqa Abbas

Professor & Head of Department.

Qualifications: B.Tech., M.Tech., Ph.D (Jamia Millia Islamia)

Experience: 19 Years

Areas of Interest: Environmental Quality Monitoring,
Air Pollution and its control

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 plays a vital role in national development works like roads, bridges, tunnels, buildings, airports, railways, docks and harbor, 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 the year 2009. It has built an excellent reputation not only in academics but also placement. The department has a blend of highly qualified and experienced faculty members having M.Tech/Ph.D. degree from IIT, NIT, DTU, JMI and other Institutes of National repute. The Department offers B.Tech-Civil Engg, M.Tech-Civil Engg (with specialization in Structural Engineering/Construction Management & Transportation Engineering) and Ph.D Programme in Civil Engineering.

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 Engineering Lab, Hydraulics Lab, Fluid Machinery Lab, Surveying Lab, Engineering Geology Lab, Computational Lab, Advanced Structural Engineering Lab, Construction Yard, and Models & Material Museum.

For better awareness and interest of a student, continuous interaction with reputed companies is 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 extra curricular and co-curricular activities, essential for overall development, nurturing of team spirit and developing

organizational skills to keep themselves abreast with current developments in the area of Civil Engineering.

Faculty members of Civil Engineering Department have 100+ papers published in various national & international journals of repute. One PhD has already been awarded and currently there are 5 research scholars associated with Civil Engineering Department.

PROGRAMMES OFFERED

- B.Tech- Civil Engineering (4 year/ 3 year with Lateral Entry)
- M.Tech-Civil Engineering (2 year)
- Ph.D.

The detailed semester-wise course structures along with study schemes for the programmes are available on MRIIRS 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 big way. Presently, huge demand and supply gap exists for Civil Engineers in the market. A good number of students have been placed in reputed companies such as Ashoka Buildcon, Rothenberger, PNB Housing Finance, Earth Infrastructure Pvt LTD, 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. Besides, the department looks forward for tying up with other companies for opening up other windows for recruitment of students. Some of the students have also opted for higher studies in both National and International Universities.





DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Dr. Suresh Kumar, Professor and Head of Department
Qualifications: Ph. D, M. Tech, BE
Experience: 17 Years
Areas of Interest: Business Intelligence, Big Data,
Mobile Ad hoc Networks.

The Department of Computer Science & Engineering (CSE) was established in 1997, initially offering Bachelor of Engineering in Computer Science & Engineering (BTech, CSE). The department focuses on mastering the fundamental concepts both theoretically and practically. The department is providing motivation for learning, intellectual efficacy and self-reliance, which provide the best foundation for continuing professional achievements. The B.Tech (CSE) programme offered by the Department had been accredited twice by the National Board of Accreditation (NBA) in 2003 and 2007.

Keeping in view the growth in industry and increasing demand of computer professionals, the Department has started a postgraduate programme to offer Master of Technology (M.Tech) in Computer Engineering and Networking. The programme provides intensive training to the students at an advanced level, enabling them to take up Research and Development (R&D) activities. The course curriculum has been specially tailored to fulfil the growing global outlook and focuses on upcoming technologies in the field of Computer Science and Engineering, to cater to the needs of the industry and R&D organizations. One should choose Computer Science and Engineering (CSE) as there are plenty of opportunities in this area, the platforms are incredibly diverse, and the jobs guarantee high remuneration with excellent job satisfaction. In addition, the skills learnt with the logic and problem solving abilities paves a sound trajectory for the rest of professional life.

The Faculty members of the Department are actively involved in research and development activities and are continuously participating and contributing in National and International Conferences and Seminars. There are seventy nine faculty members in the Department. The faculty members of the Department are well published, experienced, conferred with M.Tech/Ph.D degree. Forty five research scholars are registered in the department and eight research scholars have already been awarded Ph.D degrees. The faculty members have published approximately

four hundred research papers in reputed journals and conferences and filed twenty two patents.

The Department has up to date laboratory facilities for both under graduate (UG) and postgraduate (PG) programmes. The Department has specialized labs for IBM programmes. The laboratories are equipped with state of the art computing facilities.

The department is having several student chapters of the professional bodies like IEEE, CSI, ACM & ISTE. Students are participating in various activities regularly to enhance their technical and interpersonal skills, under the banner of these professional societies. The department also interacts regularly with Information Technology organizations like TCS, IBM, Sun Micro Systems, L&T, Infosys, HCL, Tech Mahindra, Dell-EMC, R Systems etc. for providing latest technology updates to the students.



Manav Rachna International Institute of Research and Studies (MRIIRS) has collaborated with IBM to jointly offer B.Tech Computer Engg. (Industry Integrated) in association with IBM in various specializations viz., Cloud Computing, Business Analytics & Optimization, Cyber Security & Forensics and Graphics & Gaming Technology. The subject matter experts from IBM teach the faculty members on cutting edge technologies through Train the Teacher Programme. IBM provides Learning Management System, Industry Projects for students, Expert Lectures, Industry connectivity for students & teachers to enable them to experience the live IT Environment.

This partnership helps students to acquire domain skills in the advanced areas of IT and preferential placements by IT companies. Students enrolled in these programmes have access to an online Ecosystem 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 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 also attend one week Industry Interaction programme at Bangalore in IBM facilities at their own cost, where students are exposed to industry environment by senior industry experts. During this interaction students participate in panel discussions, group activities and visit The Data centre of different industries. IBM issues certificates for various modules after successful completion in addition to the MRIIRS B.Tech (CSE) Degree. The Programmes in association with IBM lead a big increase in job opportunities and industry readiness for the students.

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

The Department has also collaborated with other leading industries such as Dell-EMC, Infosys, R Systems International, and TCG Digital Solutions, in order to give exposure to the students. These collaborations help the students to work on the technologies which are currently being used in industry.





PROGRAMMES OFFERED

- B.Tech: Computer Science and Engineering (4 Year / 3 Year with Lateral)
- M.Tech: Computer Engineering & Networking (2 year)
- Ph.D

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

THRUST AREAS

Cloud Computing & Virtualization, Data Mining, Big Data, Machine Learning, Computer Vision, Pattern Recognition, Soft Computing, Algorithms, DBMS, Computer Architecture, Artificial Intelligence, Software Engineering, Fuzzy Logic, Operating Systems.

PLACEMENT OPPORTUNITIES

Excellent placements with over 90% of its eligible/ willing students placed in companies namely Microsoft, Infosys, TCS, Cognizant, Wipro, L&T Infotech, HCL, IBM, Hewitt, Tata Telecom, NIIT, Dell, Capital IQ, Vodafone, Airtel, Idea etc. With the introduction of specializations in B.Tech (CSE) Programme, placement opportunities for the students pass-out from the specialized programme will get further enhanced in a big way. In addition, placement opportunities are also available in the organizations such as DRDO, ISRO, ONGC, NIC, BSNL, Armed Forces, IES, Civil Services, Banking, Health Sector, etc.

The introduction of specializations in M.Tech (CE) Programmes such as Computer Networking (CN) aims at exposing students to the current edge of research.

RESEARCH & HIGHER STUDIES

Many students opt for higher studies/research in India/Abroad. The programmes running in the Department also prepare the students to choose a career in research and development, which provide an excellent foundation for Ph.D study.

AWARD WINNING COMPETITIONS AND PROJECTS

The students of the department regularly participate in various competitions and activities and bring laurels. Some of the events and project competitions are listed here:

- The 'Innovation Jockeys Season 5: The Hunt for India's most Innovative Minds 2016', held in Bangalore. The project 'Griwaditi', a tool for detecting cervical cancers. The students won the Jury's Choice Award.
- 'CSI Haryana State Student Convention, 17th - 18th February 2017', held at Dronacharya College of Engineering, Gurugram. Students participated in the events namely 'Android Application Development', 'Code Debugging' and 'Fact and Furious' and bagged first Position in Android Application Development, got 2nd Position in Fact and Furious and got 3rd Position in Code Debugging.
- Students participated in the North Zone in Student Research Convention held at Chitkara University, Punjab, Anveshan-2017 in the category Health Sciences and Allied Subjects, and won First position for the project 'Dentist Posture Belt'.
- Student authored a book namely 'Hack the World before World hacks you', ISBN 9781365802430, published by Lulu, on March 5, 2017.
- Students have started their own company. One of the student is Founder & CEO of DimCats, Founder & Chief Mentor to DRIC.
- Students participated in Project Competition conducted by the Faridabad Industries Association (FIA) on April 22, 2017 and won the 'Best Project Award', for the Project "Dentist Posture Belt".



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: 21 Years

Areas of Interest: Digital Signal Processing, Bio-Signal Acquisition and Automated Analysis

Electronics and Communication Engineering has long played a critical role in supporting innovations that improve the quality of life, support economic growth, and address societal problems. The essential technologies that connect society: mobile phones, laptops, wireless communications, electronic displays, “smart” power grids, smart cities, smart buildings and rapidly evolving systems for monetary transactions are all evidence of the impact of innovation in this field of engineering.

The Department was set up in 1997 and its B.Tech-ECE programme was accredited by NBA twice, in 2004 and in 2007. The Department has 26 faculty members of which 10 are Ph.D holders having rich experience in research and teaching. The research interests of the faculty members of the department encompass the wide area of applied and fundamental aspects of Electronics and Communication Engineering including but not limited to Communication Systems, Microelectronics & VLSI, IOT, Digital Signal Processing, Wireless and Mobile communication, Antenna Design and RF & Microwave Engineering. Twenty Ph.D scholars are currently engaged in cutting edge research in the Department and eight have been awarded Ph.D degree. Department has 136 publications in peer reviewed prestigious international journals, the higher 96 papers in national journals and 90 papers in international/ national conferences. A total of 82 publications from the department are indexed in SCOPUS.

Faculty members in the department have filed patents in the following fields:

- Energy harvesting fractal antenna
- Self-tracking shopping system for supermarkets
- A mobile home based biogas digester

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, Microwave, Advanced Communication Systems, Simulation and Digital Signal Processing. In addition to the well-equipped curriculum related laboratories, the Department has strong association with the Research Clusters and various Centers of Excellence in the University.

The Department strives to impart latest knowledge and skills so as to kindle innovation & creativity among students, to establish a culture of research while promoting values, ethics and professionalism, leading to a progressive career in industry & academia globally. The Department has state of the art education aids, visual laboratories and competent faculty ensuring effective teaching learning process to meet the ever growing and changing industrial and business environment. The whole learning process is designed in a way so as to continuously challenge the young minds with ideas, to carry out innovative research through interaction with the research organizations & industry and to provide them avenues for recognition by participation in challenging platforms.

The Department continuously upgrades the curriculum and teaching inputs taking cognizance of its prime stake holders viz. research organizations, industry, peer community, alumni, parents and students. To give greater emphasis on education methodology, guest lectures, seminars, workshops, personality development programs, educational tours, industrial visits and quizzes are organized. The department has linkages with industry, leading academic institutes and scientific research organizations like the DST, MoSPI, DRDO, IIT, ISI, SAP, RIL etc. The department has offered consultancy to various industries. The student chapter of Institution of Engineers India (IEI) and ISTE is fully functional in the department.

The Department also has the following Knowledge Partners:

- Reliance Jio Infocomm Limited has partnered with the department to offer short term programs and to create a steady stream of students who would be industry-ready. Reliance Jio has set up a Training Centre at the campus and train the faculty members on Fibre Optics technology, Sales and Marketing.





- INTEL Internet of Things (IOT) is a centre for higher education program for conducting FDPs, Events, Workshops on GALILEO and EDISON platform.
- Microchip for sponsoring labs and organizing FDPs, events, workshops on ATMEGA 168PB and SAM D21 Microcontrollers.
- Texas Instruments (TI) India University Program (Edgate Technologies) for running Teaching Lab Facility (High end development boards for Microcontrollers, Analog Electronics and Power Electronics Labs)
- Su-Kam gives value inputs to enhance teaching learning process in the department and has partnered for collaborative industry projects.
- Cogenda for collaborative projects in VLSI domain.

PROGRAMMES OFFERED

- B.Tech Electronics & Communication Engg (4 Years / 3 Years with Lateral Entry)
 - M.Tech Electronics and Communication Engineering (2 year)
- Ph.D.

The detailed semester-wise course structures along with study schemes for the programmes are available on MRIIRS 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 and State Electricity Boards. Large MNCs and IT companies namely Infosys, TCS, Wipro, L&T Infotech, HCL, Hewitt, Satyam, Tata Telecom, NIIT, Siemens, Huawei, Ericsson, Ceasefire, Capital IQ etc. are the major recruiters. Students also opt for higher studies. 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, Ericsson, Maruti, Wipro, L&T Infotech, HCL, Hewitt, Tata Telecom, NIIT, Honeywell, IFB, Sony India, Cognizant, Siemens, Huawei, Nokia, Catalyst Business Solutions, Ceasefire, Capital IQ, Airtel, Data-64 etc.

The average salary offered to 2013-17 batch is Rs. 3.7 LPA and the highest offered is Rs. 13.7 LPA with Mentor Graphics.



DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Dr. Anita Khosla

Professor and Head of Department

Qualifications: Ph.D (Control System), B.Tech, M.Tech

Experience: 23 Years

Areas of Interest: Control System, Power Electronics

Electrical & Electronics Engineering is one of the fastest growing fields that involves study and application of electricity and electronics. It is a fascinating field, and one which could make your time challenging & providing enriching & rewarding experience. With challenges and with the rapid expansion of the technology sector over the last few decades, the demand for those who can create, understand and alter electrical control systems has raised accordingly. In the past few years, India has made impressive progress in the area of Renewable Energy. The Govt. has also initiated several programmes and schemes to promote the renewable energy sector. This means the sector has plenty of opportunities, both for employment and business. It augurs a bright future for Electrical engineers.

The Department commenced its activities in 2007. This Department has 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 department has highly qualified and experienced faculty drawn from both industry and academia. The department has up to date laboratory facilities. The major laboratories are: Electrical Machines, Instrumentation, Power Electronics, Network Theory, Control Systems, Power System, Simulation and Project Lab.



The department has entered into the collaboration with Mitsubishi Electric India, a global leader in Electric equipment. An Advanced Automation (Factory Automation) lab has been set up in the department to train the students & faculty on Automation. The training will provide ample employability opportunities for students & consequently better careers. Moreover, faculty members & students attend webinars hosted by MEI resource persons on regular basis.



The department has also signed a MoU with Su-Kam Power systems Pvt Ltd to jointly offer B.Tech in Electrical & Electronics Engineering Program with assured placement to the students with a minimum package of Rs 3.4 lacs/ annum. To facilitate the same a "Centre of Excellence of Power Electronics" has been established in the EE department.

Recently, we have also entered into a MoU with Orient Electric Ltd, Faridabad to carry out consultancy projects. Expert faculty members of the department are currently working on projects of Orient Electric Ltd.

All the above tie ups will enable us to bridge the Industry - Academia Gap. The infrastructure and lab facilities in the department are upgraded from time to time to provide adequate opportunities for the students and researchers to learn and innovate. Major software's (software) available for Research/ B. Tech. and M. Tech. Projects include Lab View, Matlab, Simulink and Digsilent for Load flow Studies and Power System Simulation. Necessary equipments are available for measurement, characterization and synthesis of Electrical, Electronics and Instrumentation Systems.

Academic growth of faculty is encouraged through their participation in various short term courses, National/ International conferences and seminars and higher studies. All the faculty members engage themselves in research activities and the department has 77 publications in National and International journals of repute and proceedings of seminars/ conferences over the years. 12 Research scholars are enrolled for PhD Programme in the department & 5 have already been awarded Ph.D

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.

PROGRAMMES OFFERED

- B.Tech. in Electrical & Electronics Engg (4 Year/ 3 Year Lateral Entry)
- M.Tech. Power Electronics & Electrical Drives (2 Year)
- Ph.D

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

PLACEMENT OPPORTUNITIES

Electrical Engineers are much in demand in India, and have numerous opportunities. Electrical engineers can work in atomic power plants, hydel or thermal power plants, railways, civil aviation, electricity board and utility companies, electrical design and consultancy firms and all types of manufacturing industries. The candidates can also find job opportunities in Production plants, Design industries, Petroleum industry,

Natural gas plants etc. in the private sector as well. Companies like ABB, Bajaj International Private Ltd, Crompton Greaves Limited, Siemens Ltd, Reliance Power Ltd, Oil and Natural Gas Corporation (ONGC), Bharat Heavy Electricals Limited (BHEL), Steel Authority of India Limited (SAIL), Coal India Limited (CIL), Power Grid Corporation of India Limited (PGCIL), Centre for Electronics Design and Technology and Wipro Lighting are the biggest employers hiring Electrical Engineers.

Some of the companies who regularly recruit electrical engineers are:

- 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 pass outs can join as graduate engineer trainee/management trainee in many premier Educational & Research Institutions. 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 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. Manoj Nayak, Professor & Head of Department
Qualification: BE (Mech), M.Tech (YMCA), Ph.D (NIT)

Industrial Experience: 07 Years

Academic Experience: 15 Years

Publications: 20

Area of Interest: Conventional & Unconventional Machining

Professional opportunities are vast in numbers for a mechanical engineer in generation and distribution of energy, material processing, industrial automation and control of manufacturing systems, design and development of mechanisms and machines. Ever since its inception in 1997, Department of Mechanical Engineering has grown in stature over the years considering its performance and achievements. The B.Tech-Mechanical programme offered by the department has 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. At present we have 56 faculty members and 07 Ph.D Research Scholars in our department. A total number of 135 papers were published in journals of national and international repute and a total of 141 conference papers were presented by the faculty members in various National/International Conferences. Also our department is proud to file 45 patents in the year 2016-2017. The department has various labs on Thermal Engineering, Fluid Mechanics, Fluid Machines and Turbo Machinery, Applied Mechanics, Strength of Material, Metrology etc. Mechanical Engineering Department is a continuously evolving department always having something new to offer. Recently we have procured 50 CREO software licenses and installed in CAD lab. Also the labs are upgraded with the addition of major equipment like Fatigue test rig, Torsion Test rig, (HMT Precision Lathe), Cylindrical grinding machine, Tool maker's microscope, Gear Roller tester(Parkinson's type), Autocollimeter, Coriolis Component equipment, Epicyclic Gear train, Balancing of Reciprocating Masses.

The department has organized number of major events like:

ICQPROM 2017

The Department of Mechanical Engineering, Faculty of Engineering & Technology (FET), Manav Rachna International Institute of Research and Studies (MRIIRS) in association with IEEE and DRDO organized an International Conference on 'Quality, Reliability, Optimization and Modeling' from 5-7 January, 2017, themed on 'Journey Towards Excellence-Make in India'. Around 100 research scholars presented their papers in the conference.

ACREX 2017

Mechanical Engineering Department from Manav Rachna International Institute of Research and Studies is responsible for organizing many events in Collaboration with ISHRAE (Indian Society of Heating, Refrigeration & Air conditioning Engineers) such as job junction, expert lectures, technical quiz etc. We are also in the process of making MOU between MRIIRS & ISHRAE and in the process of setting up

Heating, Ventilation & Air Conditioning (HVAC) centre of excellence in collaboration with ISHRAE in MRIIRS Campus. ISHRAE had organised an International & National level Exhibition for HVAC (ACREX 17) in Greater Noida from 23rd to 25th February, 17 where the students of Mechanical Engineering were involved in organizing the event.

A-QUEST 2016

Around 100 Mechanical Engineering students participated in a Quiz Competition Event organized by Department of Mechanical Engineering in association with Hitachi and ISHRAE on 26 th October 2016 at the MRIIRS campus.

A MoU has also been signed with Orient Electric Ltd, Faridabad to carry out consultancy projects. Expert faculties from the department are currently working on projects of Orient Electric Ltd. The department offers following programmes at Graduate / Post Graduate level apart from Ph.D degree.





PROGRAMMES OFFERED

- B.Tech in Mechanical Engineering (4 Year/3 Year with Lateral Entry)
- B.Tech Mechanical Engg. in association with JBM (4 Year/3 year with Lateral Entry)*
- M.Tech. Mechanical Engineering (2 Year)
- Ph.D

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

*B.Tech- Mechanical Engg. is also offered jointly with JBM Group of Industries in which academic delivery shall also be made by Industry Experts in 3rd and 4th year. Program includes 6 months structured industrial training and the key features of this program are (i) Industry engagements from first year onwards (ii) Pedagogy aligned with the industry environment (iii) Industry integrated projects (iv) Assured placement with offer letter being given at the time of admission.

Manufacturing Industry in India is likely to witness considerable growth. Keeping in view, the scope for opening up vacancies for production, manufacturing and industrial engineering related jobs, this program will offer the knowledge, judgment and skills required to design and improve manufacturing processes, provide engineering solutions and high-performing sustainable production systems. Production and Industrial Engineering is highly demanded in manufacturing and their ancillaries industries because of its nature i.e mechanical plus management. The industrial engineering courses include industry oriented courses like Quality Management, Product Design and Development, Engineering Economics and Costing, facility Design, Work System design. The Production Engineering courses are Foundry/ Forge/ Welding/ Sheet Metal Forming Technology, Machine Tools, Tool engineering and Design, Metrology and Inspections, Computer Integrated Manufacturing. Classes will be conducted in evening and weekends. Six month project work will be in last semester, where the students can opt their industry related problems. Combining these two areas of knowledge with hands on experience and research work of industry related problems will make the students industry ready for the demands expected in near future.



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. 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.

Also the department is proud to announce that all the students of B.Tech Mechanical Engineering (Industry Integrated 2013-2017 batch) are placed successfully at various JBM group of industries.

PLACEMENT OPPORTUNITIES

Department of Mechanical Engineering organized "Job Junction" of Northern India Zone in the MRIIRS campus. In the "Job Junction" students of all the colleges / universities of Northern India having ISHRAE membership are invited for appearing in selection for different companies. This event has become an yearly event in MRIIRS for providing jobs to our final year mechanical students. This year the same was organized from 18th to 20th October, 2016. 33 students were selected by different companies like Blue star, Voltas, Daikin, Hi-Tech, Carigaire Restiflex, Sterling and Wilson, Kiroloskar, Ruskin Titus etc. The salary package varied between 3 lacs to 6 lacs per annum depending on the company.

Our past students have been absorbed in Industry giant like Maruti, JBM, TCS, Tech Mahindra, Accenture and a number of other organizations.



DEPARTMENT OF APPLIED SCIENCES

Dr. Devi Singh
Professor & Head of Department
Qualifications: Ph. D. (Delhi University),
M. Sc. (Delhi University)
Experience: 16 Years
Areas of Interest: Material Science, Polymer Fibres

The school of Applied Sciences 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. In addition, the first year students are exposed to the theory courses and lab practices offered by other departments. Some of the courses are also offered during the higher semester which includes Numerical Methods and Optimization Techniques, Applied Mathematics along with Industrial Management, Human Resource Management, Marketing Management, Project Management and Total Quality Management.

School of applied sciences provides a sound science base to all engineering disciplines. Applied sciences have contributed significantly to various engineering fields and no field of engineering is complete without it. Students are therefore given a thorough grounding in Physics, Chemistry & Mathematics during the first year and advanced stream specific subjects in subsequent years. Physics and Chemistry departments have well equipped laboratories with modern facilities. Students 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 the experiments & handle the instruments. Other courses offered in first and second semester build foundations for engineering knowledge and skills in the respective disciplines. Workshops, competitions and conferences are conducted by all departments to motivate and sensitize the students for research.

All the departments have highly qualified, experienced and dedicated faculty which helps in creating an exciting academic and research oriented environment. From the first year itself, we try to infuse self confidence in the students and offer unconditional support to them. We help

them further 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

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 in 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, Polymers and Environmental Pollution. About 78 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. One Ph.D. has been awarded and one Ph.D. Thesis has been submitted. The Department has a fully equipped Physics Laboratory with major facilities such as Fiber Optics Setup, Laser Setup, Hall Effect, Carey Foster Bridge and Four Probe Apparatus. Department also provides a stage to the students where they can showcase their innovative ideas by converting them into workable models. Many students have made models and won prizes in state and national level inter university competitions.

PROGRAMMES OFFERED

Ph.D. Programmes in Solar Energy, Material Science, Plasma Physics, Nanotechnology, Polymer Fibres and Noise Pollution.





DEPARTMENT OF MATHEMATICS

Dr. Vijay Kumar

Professor & Head of Department

Qualifications: Ph.D (Applied Mathematics), M.Sc. (Maths.)

Experience: 16 Years

Areas of Interest: Fuzzy Information Theory, Decision Making

Department of Mathematics offers an opportunity to B.Tech. & M.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 Bio-mathematics, Fluid dynamics, Real Analysis, Topology, Fuzzy theory, Decision Sciences, Fixed point theory, Numerical Analysis etc. Faculty members have contributed more than 100 publications in referred National, International Journals and conferences. 9 Ph.D. students are registered under faculty members of the Department. Out of these, 2 students have submitted their Ph.D Dissertation.

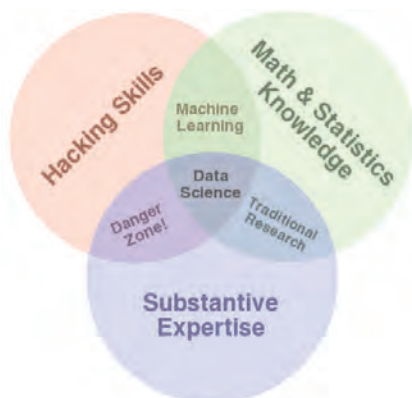
PROGRAMMES OFFERED

- B.Sc. in Data Science (3 Year)
- Ph.D in Research Areas like Bio-mathematics, Fluid dynamics, Real Analysis, Topology, Fuzzy Theory, Decision Sciences, Fixed Point Theory, Numerical Analysis etc.

PLACEMENT OPPORTUNITIES

Data Science is an emerging area and increasingly important academic discipline growing in the community of data scientists and machine learning researchers. It includes: machine learning, big data analysis and has applications in e-commerce, finance, search/information retrieval, natural language modeling, bio-informatics and other related areas.

This program provides a platform to the students for understanding computational and statistical techniques and emerging methods. Moreover, it is the intersection of three disciplines: Statistics, Mathematics and Computer science. The integration of these disciplines provides a tool to the professionals which are essential to cater all kinds of organizations. The budding professionals can work as Data Analyst, Data Scientist, data Engineer, Business Analyst etc. and the premier destinations for these professionals can be Google, IBM, SAS, Microsoft, McKinsey and Company, Citibank, Walmart, Morgan Stanley, Amazon etc.





DEPARTMENT OF CHEMISTRY

Dr. Jyoti Chawla

Professor & Head of Department

Qualification: Ph.D (Chemistry), NET Qualified

Experience: 14 Years

Areas of Interest: Water Purification, Risk Assessment of Nanomaterials, Surface Chemistry

Department of Chemistry is dedicated to excellence in teaching and research. We prepare students for meeting technological challenges faced by the ever changing world. The department has seven experienced and highly qualified faculty members. Faculty members are enthusiastically engaged in cutting-edge research in emerging areas like composite polymer electrolytes for electrochemical batteries, bio-diesel purification, solar stills, synthetic organic chemistry, nanotechnology, colloidal chemistry, corrosion chemistry, analytical chemistry, water purification, and bio-catalysis. Faculty members have contributed more than 166 publications in reputed national/international journals/conferences, 2

books/ chapters and 2 patents. Two more patent applications have been filed in 2016. 8 Ph.D students are enrolled in the department in different areas of research. One Ph.D. has been awarded and three Ph.D. thesis has been submitted. 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. Departmental laboratory is well equipped with modern equipments.

Chemistry Department supports B.Tech programmes of MRIIRS and offers Ph.D programme in Chemistry. We aspire to

produce highly sought after B.Tech graduates for pursuing careers with academia & industry. The doctoral students are mentored in diverse areas of chemical sciences. The aim of the Ph.D. programme is to provide quality education and the state-of the art skills to students through effective learning and research. Every year, the department organizes conferences, expert talks, workshops and competitions on varied topics of academic relevance.

PROGRAMME OFFERED

Department offers Ph.D. programme in different research areas like composite polymer electrolytes, bio-diesel purification, solar stills, synthetic organic chemistry, colloidal chemistry, corrosion studies, water purification, and bio-catalysis.





FACULTY OF ARCHITECTURE & DESIGN (FAD)



Prof.(Ar.) J. Saigal
Advisor

Qualifications: B.Arch., M.C.A, F.I.A., F.I.V., F.I.C.C., F.I.C.A.
Experience: 47 Years
Areas of Interest: Demystifying Vaastu - A Research,
Industrial Architecture.

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 MRIIRS 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.

Architecture is - first fragile, then established, later decayed, & finally replaced. "More than buildings, Architecture is the essence of life."

Because Architecture is like a living being. It has a Soul, a Body and like a Body, it is made of Skelton of structural bones, covered with flesh and skin. It puts on clothes, wears Make up and once dolled up like a teenager, is happy and ready to dance. It talks and communicates and like all living beings, it is affected by Rain and Sunshine, Crowd and Congestion. Sometimes it gets angry, is sulking and sad. It groans and creaks and gets worn out, gets unwell and also dies.

Manav Rachna International Institute of Research and Studies (MRIIRS) as a cocoon for Faculty of Architecture and Design (FAD). It nourishes us. It helps to create a bond between Architecture and Interior Design. It also gives an edge over other colleges, by giving an environment to design, interacting with other departments like mechanical, civil and innovation to create a type of Architecture unconceivable by other colleges of India. We welcome change, technology and creativity.



DEPARTMENT OF ARCHITECTURE & DESIGN (FAD)

Prof. (Ar.) Sunil Arora, Director & Dean
Qualifications: B.Arch, M.Plan (Housing), F.I.I.A.
Experience: 32 Years
Area of Interest: Interiors & Energy Efficient Architecture.

Architecture is the art & technique of designing and building, as distinguished from the skills associated with construction. The practice of architecture is employed to fulfill both practical and expressive requirements, thus it serves both utilitarian and aesthetic ends. Although these two ends may be distinguished, they cannot be separated and the relative weight given to each can vary widely, because every society - whether highly developed or less so, settled or nomadic - has a spatial relationship to the natural world and to other societies, the structure they produce reveal much about their environment (including climate & weather) history and artistic sensibility. We finally believe that architecture focuses on innovation and sustainable solutions to some of humanity's most enduring problems through the fusing of local knowledge and resource, visionary design and ancient traditions.

Architecture often considered as mother of all arts as both a challenging at the same time. It has evolved from being a planning based exercise to a volumetric based experience.

We encourage the students to play with the 3D forms and how it affects the built environment and increases human interaction.

FAD is well positioned to be a strategic partner with Government agencies and the industry stakeholders to work collaboratively towards accomplishing all built environment. We recognize that it is no longer an option but a prerequisite to broaden each individual's learning experience and knowledge acquisition to a certain level whereby effective cross disciplinary and trans-disciplinary collaborations can occur to generate innovative and deployable solutions within an increasing complex built environment. We will offer future professionals a holistic educational experience and prepare them for an exciting and challenging career ahead in the industry and imbibing the spirit of creativity, teamwork and entrepreneurship.

Our collective active engagement is not just a necessity but mission critical. We invite all aspiring students as well as faculty to join us in our endeavor.



Prof. (Ar.) Vijay Narain
Prof. Design Chair
Qualifications: B.Arch (University of Roorkee), F.I.I.A.
Experience: 40 Years
Area of Interest: Interiors, Sustainable Architecture.

Architecture, in the most simple terms, particularly to a layman, would mean the "Art and Science of Designing Buildings". A more scholarly definition could be "Designing of Built Form and Environment, suitable to the needs and aspirations of the society we live in, with Historical context and relevant to the Cultural ethos yet taking advantage of the Technological advances with a Futuristic outlook which is full of Innovations and is truly Path breaking etc etc."

One would assume that as "Built Form" it is something which is Measureable, or Quantitative in nature and hence Tangible, or IS IT? It is anything but that. It is more Qualitative than Quantitative. It is in fact intangible. It is something which is beyond Measure and Mundane. It is Fluid, Dynamic, like Waves of Ocean. It is always there, ever present, Constant in a way but also ever changing. Forming and Breaking, again and again. Constant yet Changing? Strange is it not? Intriguing, Surreal or Mystical, or all of it together. Yes, it is all of it put together.

To be able to really see Architecture, you need to see it through your Mind's eye. Just like sometimes you travel from thought to thought and not from place to place. Then only you can interpret or reinterpret the Space and all the mysteries, the word Space encompasses including its Spirit. The Spirit of Architecture is an outcome of its Essence. It is manifested through a medium like

Built Form. Just like a beautiful thought is conveyed beautifully through Poetry. Subtle, indirectly yet right in your face. Like saying "I love you" without actually saying it, like saying it through your eyes only and not through spoken words, for Architecture is Visual Music.

At Manav Rachna one can learn the Art of conveying MORE through LESS. Experience the Sound of Silence, the Silence of Simplicity, and the true Architecture.



ABOUT FACULTY OF ARCHITECTURE AND 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. The fourth and fifth year 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 MRIIRS 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:

- Ability to sketch a given object proportionately and rendering the same in visually appealing manner.
- Visualizing and drawing the effects of light on the object and shadows cast on the surroundings.
- Sense of perspective drawing
- Combining and composing given three dimensional elements to form a building or structural form
- Creating interesting two dimensional composition using given shapes or forms
- Creating visual harmony using colours in given composition
- Understanding of scale and sense of proportion
- 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. B.Sc. Interior Design program is offered in collaboration with Algonquin College, Ottawa, Canada. Student studying in B.Sc Interior Design program at MRIIRS can get enrolled in Algonquin College, Ottawa, Canada in 2nd or 3rd year for which the credits earned at MRIIRS shall get transferred to Algonquin College, Ottawa.

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 MRIIRS 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.

EMPLOYMENT OPPORTUNITIES

The B.Sc- Interior Design 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 Bachelor'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 Bachelor's Programme and can often work in consultancy as consultants.





MESSAGE: DEAN RESEARCH & FACULTY OF APPLIED SCIENCES



Dr. Sarita Sachdeva, Professor
Dean Research & Dean Faculty of Applied Science

Qualifications: M.Sc, M.Phil, Ph.D

Experience: 20 Years

Area of Interest: Bioremediation and Biofuels

We live in a knowledge-driven economy, where Research and Development has become the key to sustainable economic growth. The production of theoretical knowledge and integrated experiential findings are the two main aspects of research activities. The outcomes which are constantly augmented, corrected and revised is a natural corollary but the huge data base created and the published material built by researcher-writers is indeed appreciable. This does serve as an index to the functioning of a reputed academic institution and also showcases the quality expression of its scholarly activities.

Since our inception in 2009, Research Programme has evolved from the initial focus on fundamental research to vital contributions to fundamental, experiential and empirical research in various academic disciplines and interdisciplinary areas. This shift has been gradual without any major impediment. It has yielded the desired objective of the creation of a viable, socially relevant research outputs. The endeavor is for the creation and continual expansion of this research temperament. The prime objective of MRIIRS Research Programme is to have strong focus on generation of original ideas and thoughts which there upon would be connected with empirical works of subject-oriented researches in sciences, social sciences, humanities, management, technology and other disciplines offered by the University as areas of probe and investigation from time to time and shall subsume out-of-box thinking and innovation. This is further extrapolated to solution findings to social problems. Our research programme has practical import component which also sets in an important ingredient of social outreach and service.

The University has taken a quantum leap into a plethora of Research & Development initiatives encouraging faculty and students for out of the box thinking and generation new revolutionary ideas to bring about societal change. In the Year 2016-17, focused efforts of faculty members and students have achieved tangible results in the form of prototypes, 78 patents and 133 publications in reputed International Journals, 116 in National journals, and have undertaken numerous joint / sponsored projects funded by external agencies. The year 2017, in addition to regular research activities, has brought forward extra ordinary achievements in consultancy in area of engineering, design, GST counseling, bringing in recognition of purpose and expertise. Further to this, creditable funding was received for innovative idea that has significant business potential, social relevance and focuss on environment-protection, under Indian oil start up scheme (IOSUS), a Start-up India" initiative announced

by Prime Minister Shri Narendra Modi. A Start up company to this effect with nomenclature as "TRICHO AGRONICA Pvt. Ltd" has been setup or registered by all women faculty-student team from department of biotechnology at FET. At ANVESHAN 2017- Association of Indian Universities (AIU), Manav Rachna Teams won 4 awards out of 5 in the Zonals held at Chitkara University and qualified for the Final round at Annamalai University, Chidambaram, Tamil Nadu. In the National Round, Manav Rachna International Institute of Research & Studies (formerly MRIU) won the 1st Prize under the category of Basic Sciences for the project titled " Smart Solution for Air Pollution Mitigation" and was awarded with a cash prize of 75000 INR. 90 books have been authored by faculty members and received sanctions of grants worth over Rs. 3.78 Crores from EDII, Ahmedabad through DST, Govt. of India for setting-up of NewGen Innovation and Entrepreneurship Development Centre (IEDC) and Ministry of HRD, Govt. of India from Ministry of Skill Development and Entrepreneurship. Prior to that institution received grant worth Rs. 83 Lacs from DST, Indian Council of Social Science Research and industries. The Institutions have tied up with over 45 Foreign Universities for research and innovation in addition to Indian collaborations like IOCL, Faridabad, THSTI, Faridabad, CSIR- IIP, Dehradun and NII, New Delhi.

With the path-breaking innovations in both its curriculum and research, the Institution is rapidly gaining a legendary reputation globally. Research and Innovation Clusters provide technology and innovation support whereas Incubation helps the students to develop practical business models as startups or spin offs to become student entrepreneurs for working towards Government of India policy of "Make in India". Taking the culture of research and innovation forward, team of Manav Rachna Innovation and Incubation Centre started working since 2011. This group-based learning platform created comprising of selective faculty mentors and students has created a MR legacy of unified achievements eg: 3 students of Computing Cluster successfully entered Microsoft Imagine Cup National 2017, 2 students of Computing Cluster are successfully amongst top 3 honorable mentions in Ericsson Innovation 2017.

Across its 20-year journey, with many a milestones to its credit, Manav Rachna has taken on the challenge of yielding applicable knowledge and dedicating itself towards several path breaking Research and Development initiatives with bridging gap from Lab to Land. It is actively participating in District up gradation and development activities with scientific expertise and technological intervention. Be it revival of Badkhal Lake, water logging problems, Artificial recharge, RWH, water management etc, ground water monitoring, WASH activities; all are dealt with by the scientists at Centre for Advanced Water Technology and Management.

In an Institution, Intellectual Property (IP) can be considered as the outcome of research projects, collaborations, consultancies and other activities. At Manav Rachna, the IPR cell was established under MRIIC in February 2017 and it has organized more than 10 IPR awareness programs like presentations, external speakers, education series etc. Our institution has filed 215 patents and has been granted 16 patents so far.

MRIIRS has well and truly carved an indomitable position as a research-driven institution and was conferred with the National Education Excellence Award 2017 for being the 'Best University in Innovation & Research' at the 2nd National Education Summit & Awards 2017. Prior to that MRIIRS (formerly MRIU) was felicitated with ASSOCHAM - National Education Excellence Award 2016 for the 'Best University for promoting Industry-Academia Interface', National Education Excellence Award 2015 for the 'Best University serving Social Cause' and National Education Excellence Awards 2014 for the "Best Private University Promoting Research & Innovation"



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. The present era is marked by specialization, technological innovations, intra - disciplinary amalgamation and interpretation. To cater, 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 Department of Physiotherapy is committed to accomplish the students with thorough knowledge on the subjects to meet the need - based demand of the 21st century. The department has set a benchmark in the academics, clinical practice and research in Physiotherapy for past eight years. The programs aims at facilitating personal and professional growth of students so that they can develop their knowledge, skills and attitudes needed for the effective management and care of patients and to become competent practitioners of physiotherapy. It prides itself on creating an environment of substantial academic freedom overlaid by rigorous, self-imposed standards of excellence and socially responsive practices.

The vision of the Department of Nutrition and Dietetics is to create skilled Human Resource in domain of Nutrition, with Wellbeing as essential aspect in order to cater the needs of the rapidly growing Health Sector. The Department aims at providing knowledge and skills for better tomorrow as far as nutrition and food safety is concerned. It also aims at product and process development. It seeks to assure high level quality teaching and overall development of the students so as provide skilled professionals who can contribute to living a functional life. The main objective of scientific research and other activities of the Department is to contribute to enhance work capacity in adults and reduce mortality and morbidity in children. This would certainly enhance overall wellness.

At FAS, we 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. 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 the 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 & I extend my best wishes to them.

Welcome to MRIIRS for Research endeavors and studies!!



DEPARTMENT OF NUTRITION AND DIETETICS

Dr. Pratibha Singh
Professor & Head of Department
Qualifications: M.Sc. (Food Science and Applied Nutrition)
NET, Ph.D
Experience: 17 Years
Areas of Interest: Clinical Nutrition and Geriatric Nutrition

Nutrition and Dietetics is an integrated and a professional program preparing students to work as Nutritionists and Dieticians and explore how it affects the health of the individual and the nation, and also to discover how diet can be used in the treatment of disease. This programme teaches the students to apply nutritional science in order to promote health and to treat medical conditions. As a dietitian they work with people to help them modify their food intake, offering practical advice to enable them to make dietary changes. It is a health related career which involves translating the sciences of nutrition and food to promote good health. It is a vital and growing profession with ample career opportunities. The internship/training program with various hospitals and food industries provide opportunities to practice and master the core competencies to place its students in covetable jobs. The Master's program in this discipline, introduced in 2009 aims at developing research skills and abilities in nutritional issues of contemporary interest.

The highlights of this course at Faculty of Applied Science is focused on teaching, strong research and outreach in Clinical Nutrition, Sports Nutrition, Food Science and Technology, and Public Health Nutrition. 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.

MAJOR RESEARCH THRUST AREAS

- Clinical Nutrition: Nutrition & Diabetes/ Cardiovascular Disease/ Degenerative Diseases/ Liver & Kidney Disorders/ Hypertension, etc.
- Food Science: Food Processing and Technology, Therapeutic Food Development, Functional Food Development, Food Preservation
- Sports Nutrition: Ergogenic Aids, Dietary Supplements, Nutritional Strategies for Performance Enhancement
- Public Health Nutrition: Nutrition Surveillance, Demographic Studies, Nutrition Education

Association with Industry: Post graduate students associated with hospitals and other organizations are working as Nutritionists/ Dieticians/ Sports Nutritionists/ Food Analysts/ Quality Assurance Officers/

Fitness Instructors 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 the 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 organizes various events in association with reputed organizations besides professional association with Indian Dietetic Association (IDA), Nutrition Society of India (NSI). It also invites knowledgeable people from corporate and academics to interact with the students and widen their horizon.





MEMBERSHIPS

The faculties are active members of Indian Dietetic Association, Nutrition Society of India, The Indian Society for Parenteral Enteral Nutrition, Society of Biological Chemists etc. Few of them are members of editorial boards of MR International Journal of Applied Health Science and Joint Secretary-Indian Dietetic Association-Delhi Chapter

PROGRAMMES OFFERED

B.Sc. - Nutrition & Dietetics (3 year)

Including:

- Two month clinical/ industrial training
- Research Project
- Exposure of Health Camps on Recent Chronic Diseases
- Indulged in many National and International Conferences

M.Sc. - Nutrition & Dietetics (2 year) with specialization in

- Clinical Nutrition and Dietetics
- Food Science and Technology
- Sports Nutrition
- Public Health Nutrition

Ph.D in Health Sciences

How is this program different from programs offered by other Universities?

- This program provides two month Clinical / Industrial training in various multi specialty hospitals and industries in the B.Sc program. University has tie ups with multi-specialty hospitals/ industries.
- Tie ups with various International Universities for Student - Faculty Exchange Program
- Earning while learning, a unique concept.
- Health Camps as a CSR activity.
- Tie ups with industries for research projects.

The programme provides professional training and skill enhancement in order to promote and widen employment opportunities. University Corporate Resource Center (CRC) is working endlessly to place students in various reputed firms, companies and health centers. Needless to mention varied challenging Career/ Placement Opportunities are available in:

- Public Health Departments
- International Organizations (UNICEF, UNDP, WHO)
- Hospitals
- Non-Governmental Organizations
- Health Organizations
- Ambulatory Care Programs
- Community Development Programme.
- Consultant for Multinational Companies
- Food Industry
- Pharmaceutical companies
- Quantity food service establishments
- Sports and fitness centres
- Health and wellness industries
- Airlines and Railways
- Counselors in Schools
- Academicians
- Researchers in government and private institutions etc

TOP RECRUITERS

- Sports Authority of India
- Haldiram's
- Shikha Sharma Nutri health
- VLCC
- Talwarkars
- N-Lite
- Hindustan Wellness
- Gaurdian Pharmacy
- Personal Point
- Multi Speciality Hospitals
- British Biological
- Total Health
- Fitness First
- Spice Industry



DEPARTMENT OF PHYSIOTHERAPY

Dr. Pooja Anand
Associate Professor & Head of Department
Qualifications: MSPT, MIAP
Experience: 14 Years
Areas of Interest: Exercise Physiology &
Sports Rehabilitation

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 follows the latest prescribed curriculum at par with the international standards and in accordance with the needs of the industry. The department offers Choice Based Credit System (CBCS) with Foundation, Core & Elective (Generic, Domain Centric & Open) courses. 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. The Department of Physiotherapy, Faculty of Applied Sciences has set a benchmark in the academics, clinical practice and research in Physiotherapy.

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.

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
- Ph.D

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

Faculty of applied Science has conducted numerous workshops and seminars on various health related issues, some of which are mentioned as under:

- Rehabilitation Matrix
- Vestibular Rehabilitation
- Awareness drive for prevention of diseases
- Healthy & A consistent Holistic Lifestyle
- Periodisation
- 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 & 3: 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 Courses-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 Lahti University, Finland.

INTERNATIONAL TIE-UPS

In its quest for excellence, FAS have academic tie ups with a number of reputed foreign universities as academic and knowledge partners. The areas of collaborations include exchange of undergraduate and graduate students, exchange of faculty and staff members, joint research and consultancy activities, participation in seminars and academic meetings, exchange of academic materials and other information, special Short term academic programs and projects, cooperation in curriculum development, collaboration in international seminars and conferences, cooperation in quality assurance, collaboration education export.

The Faculty of Applied Sciences has fostered a strong relationship with Tsukuba University, Japan over the years where the students are offered selected summer courses with scholarships. The Institution also supports a steady students & faculty exchange programs.

- 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
- Binawan Institute of Health Sciences, Indonesia
- 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,
- 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.
- 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 faculty can truly boast of quality learning ambience, teaching practical based curriculum, backed by state-of-the-art labs, sound infrastructure, as well as innovation & sincerity towards teaching learning process. In all the above applied science courses the course work is reinforced through immediate application of knowledge in practical settings to nurture the student with a pro-behavioral characteristics and professional attitude essential for catering professional demands efficiently.

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.

We also conduct variety of patient rehabilitation oriented sessions like Yoga and Aerobics, abdominal core and strengthening exercises, ante-natal and post-natal pregnancy exercises, sports training and body building and nutritional counseling for all age groups.

CLINICAL RESEARCH

Since Its Inception Department Has Laid Great Stress On Research And Development. The Faculty has an active research program in Musculoskeletal Physiotherapy, Manual Therapy, Sports Physiotherapy, Cardiopulmonary Physiotherapy, Neurological Physiotherapy, Pediatric Physiotherapy, Ergonomics, Sport and Exercise Physiology, Sport Biomechanics, Kinanthropometry, Kinesiology, Sport Medicine, Sport Psychology etc are fields in which the MPT students have ventured into. 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.

The faculty possesses State-of-the-art labs to perform in depth assessment & analysis in various research areas.

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-Entrepreneurship
- 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 Hospital, Bharti Enterprises, Apollo Hospital, Qi Spine, Religare, United Health Group, Career Gateway, Jindal Industries, Genpact, VLCC, Nutrilife and other leading Government and Private Hospitals.



FACULTY OF COMMERCE AND BUSINESS STUDIES (FCBS)



Dr. Suresh Bedi
Dean, FCBS

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

Experience: 41 Years

Areas of Interest: Research Methodology, Business Environment and International Business and Business Economics

In the present economic scenario, all the countries of the world are interconnected and dependent intimately on each other for development. Since all economies are moving forward, hand in hand, and striving hard for economic prosperity, the variety of the jobs and specializations required have 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 to stay competitive.

With this end in view and to produce students of top caliber and confidence, we at MRIIRS are sincerely treading this path with attractive and appropriate technical and professional courses. Our over-riding objective, across all disciplines, is to foster a love for learning and to stimulate creativity, intellectual curiosity and independent thinking. During planning, teaching and assessing, due diligence is devoted to students individual grasping and learning habit to make the curriculum as effective as possible. In the delivery of curriculum, due emphasis is laid on the development and use of critical thinking skills.

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 and Business Studies to reflect its true character. It offers contemporary & 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 B.Com (Hons), B.Com (Hons) Industry Integrated programmes at the Under-Graduate level and M.Com programmes at the Post-Graduate level. Simultaneously the department is offering Doctoral programmes in Commerce to fulfill the aspiration of PG students as they wish to go for research. B.Com (Hons) Industry Integrated program 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 Financial Markets), and BBA (Global) International Business. BBA (Banking and Financial Markets) Programme is offered in collaboration with ICICI Direct to give contemporary practical exposure and professional training in the area of banking securities and other financial institutions to enhance competence in the domain areas.

The thrust areas of the department inter-alia include Accounting Standards, Auditing, Mergers and Acquisitions, Financial Markets, E-Commerce, Banking, International Business, Business Economics, Economic Policy, Brand Management, Micro Finance etc. 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 industrial/ teaching experience and research orientation. The faculty has published research papers in reputed professional journals. The Departments run special Enrichment Lecture Series Programme (ELSP) apart from regular teaching. The objective of ELSP is to expose the students through a series of lectures by different experts on the current issues and areas of inter-disciplinary interest so as to broaden their mental horizon, improve general awareness and strengthen critical thinking to excel in their future career.

Academia-Industry Interface development is given utmost importance. A 12-weeks summer training for all the BBA 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 such as panel discussions, seminars, business news analysis and case discussions to give fillip to their professional knowledge.

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 creation. 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 state-of-art audio-visual equipment and computer labs with latest software and equipment. It is in the process of establishing a Finance Lab to give practical training in widely used business and market operations. The entire campus is Wi-Fi enabled with good connectivity. The students have access to world-class library with a catalogue of large number of books, professional journals and other academic material. 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 (Hons)-Industry Integrated to make our students recruitment ready for job opportunities in IT Industries and other innovative enterprises. Arming our 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. Other SAP modules relevant to disciplines of engineering and business studies will also be offered at MREI.

We at MREI extend a rousing welcome to the students who have strong ambition to rise to the occasion and reap the best in their life while acquiring the knowledge in the area of learning.



DEPARTMENT OF COMMERCE

Dr. Jayender Verma
Associate Professor & Head of Department
Qualifications: M.Com, Ph.D (Finance)
Experience: 14 Years
Area of Interest: Accounts & Economics
Research Interest: Finance & Economics

Commerce education is one of the most demanded courses in the country today as it develops the required knowledge, skills and attitudes among the students for the successful handling of trade, commerce and industry. Department of Commerce works with an aim of fostering in the students an attitude of objective enquiry. The department equips students with latest developments in the field of business and commerce and trains them in the practical application of the same in modern organizations. It seeks to enable them to handle the challenges of growth and transformation of businesses through critical thinking, rational attitudes and quality decision making. It is dedicated to develop the students into responsible citizens of the country with high moral values, understanding the problems of human relationships and the developing a capacity to appreciate the finer values of life.

The Department is committed towards promoting high quality professional accounting standards. The thrust areas of the Department include Accounting Standards, Risk Management, Capital Markets, e-commerce, Economics, Corporate Laws, Taxation and Financial Management. The course is designed to include a diverse range of academic offerings & experience to a multiplicity of paradigms including industrial visits, industry lectures, projects, case-studies and analysis. Students are trained by renowned faculty which seeks to prepare well equipped accountants who can tackle new emerging challenges in the market and excel in their chosen fields. The department provides more exposure on critical thinking, practical and real life training. In order to provide hand on experience, a terminal of Bloomberg has been installed and value added courses are being offered on entrepreneurship and capital market in collaboration with BSE Institute Ltd.

Department of Commerce offers its flagship B.Com (Hons.)- 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.

KPMG INTERNATIONAL AT A GLANCE



KPMG international is one of the big four audit firms. It 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 up 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 include 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)
- Master of Commerce (M.Com) (2 Year)
- Ph.D

*NOTE: B.Com (Hons.) - Industry Integrated Programme includes an additional KPMG Course for Accounting Professionals (KCAP) to be delivered by KPMG experts. B.Com (Hons.) - Industry Integrated includes a value addition of KCAP subjects alongwith B.Com (Hons) qualification.

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

PLACEMENT OPPORTUNITIES

After qualifying, graduates and post graduates may be employed by MNCs, Business Houses, Manufacturers and Export Houses in finance and taxation departments. They can choose to work with Stock Broking firms, Banks, Insurance Companies and Mutual Funds. Areas like Trading/Selling/Marketing, Government Services, Actuarial Services, Consultancy in all fields of Commerce, Own business, Practice in accounts and taxation, Academic positions, e-Business, Stock market operations, Retail sector. Managerial positions in corporate world, CA firm etc. are also open to the qualified students.





DEPARTMENT OF BUSINESS STUDIES

Prof. Sushil Pasricha
Associate Professor & Head of Department
Qualifications: MBA, BE (Mech. Engg.)
Experience: 36 years
Areas of Interest: Strategic Management and Marketing

Department of Business Studies is one of the two departments under the Faculty of Commerce and Business Studies. The department has strong academics and full of co-curricular and extra-curricular activities. There is great thrust on the application of theory and best practices prevailing in the business world. The curriculum is kept regularly updated to keep its relevance to industry. There is strong focus on student participation, case studies, personal grooming and development, guest lectures by industry experts and alumni, management games and industrial visits which enable the students in understanding the industry and its working. The faculty members come from varied backgrounds, having strong academic and industrial experience which considerably enriches the department.

Enrichment Lecture Series Programme (ELSP) is another initiative of the department that exposes the students through a series of lectures by different experts, based on current issues and areas of inter-disciplinary interest so as to widen their horizon and vista of thinking. This strengthens their critical thinking and improves general awareness which help them in their career progression.

Latest software packages are used in the labs to provide the students real-life exposure. In order to provide hands-on experience and research orientation. A Bloomberg terminal has been installed in the department to facilitate student and faculty research. Professional modules have been integrated into the curriculum to make the students understand the real world of business and enhance their employability. Stock market training programmes are conducted by the BSE Institute in the department under which the students get a unique opportunity to understand real stock market operations. All students are given an opportunity to study a contemporary course on Entrepreneurship Development so as to enable them to develop their own start-up enterprises. Massive Open Online Courses (MOOCs) are being launched now to help the students learn a few courses at their own pace and convenience.

PROGRAMMES OFFERED

- Bachelor of Business Administration (General) (3 Year)
- Bachelor of Business Administration (Banking & Financial Markets) (3 Year)
- Bachelor of Business Administration (Global) International Business (3 Year)

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

Bachelor of Business Administration (BBA) is the general course in business administration. It is accepted & recognized world-wide because of its general as well as specific orientation. MRIIRS gets overwhelming response for the programme from the students who plan to excel in the corporate world in the areas of Human Resource Management, Marketing, Financial Management, Entrepreneurship and Computer-based solutions. In the past, many students have gone to pursue higher education in management domain and are excelling in their professional fields. The course is rigorously designed to provide evolving practices and knowledge in the field of Business Administration. The students of BBA course are given immense opportunity to grow horizontally in the upcoming contemporary field.

The course structure of BBA (Banking and Financial Markets) programme focuses more on practical banking related areas which are delivered by ICICI Direct in each semester. The course is designed so as to impart specific skills to acquire competence in the financial world. Additional courses include:

- Fundamentals of Financial Planning
- Equity and Derivatives Markets
- Fundamentals and Technical Analysis
- Investment Products and Management
- Private Banking
- Project-Report & Presentation

The Course also includes appropriate usage of virtual Stock Trading Platform and MS Excel for practical exposure. Joint Certification is awarded on successful completion of Post Training Assessment or Certificate of Participation on completion of course with attendance of 90%.



The programme of BBA (Global) International Business is being offered in collaboration with Auckland Institute of Studies (AIS), Auckland, New Zealand (a unique tertiary institution providing NZQA Accredited programmes) as a academic knowledge partner with in-built 4 week internship programme at AIS New Zealand.

PLACEMENT OPPORTUNITIES

Reputed companies and MNCs regularly visit the campus to interview the students. The graduates are chosen by MNCs and business houses in the areas of Manufacturing, Export/Import, Operations Management, Human Resource Management, Financial Management, Marketing and other allied fields.

All the programmes are comprehensive and are complemented with extensive classroom teaching & practical assignments based on industry requirements. The graduates are prepared to work as managers in multinational companies and reputed Indian companies such as Management Trainee, Marketing Executive, Human Resource Executive, Business Development Executive, Technical or Non-Technical Support staff at KPO/BPOs, General Administration, Sales Executive, Client Services, Executive Associates, Telesales etc. across industries including Financial Services and Insurance Sector, Supply Chain Management, Customer Relationship Management, Operations Management, Marketing etc.





FACULTY OF MEDIA STUDIES & HUMANITIES (FMeH)



Dr. Neemo Dhar, Professor & Dean

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

Experience: 44 Years

Areas of Interest: Strategic Communication, Planning, Perception
Management Media Relations, Public Relations Management,
Communication and Corporate Soft Skill Training

Faculty of Media Studies & Humanities (FMeH) aims at imparting quality experiential education in order to cater to 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. Constant teaching, updation & training in new media tools is taken up on continuous basis. The core strength of FMeH lies in providing a congenial and healthy environment to all its stakeholders: Students, Faculty, Staff & 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 communication 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, apart from structured academic learning, the habit of developing inquisitives and effective communication skills among the students.

FMeH conducts 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.

Apart from the workshops, short term training courses during summer break are offered free of charges to students. In order to develop a research mindset amongst the students and provide practical training, media tracking on topical issues is done under the guidance of faculty. Guest lectures from experts are arranged for students on weekly basis so as to expose students to the best in the media and the industry. Students are encouraged to work for regular in-house publications like "Campus Buzz" and the "Reporter" so as to give them an insight into reporting, composing, layout designing & printing. This is done on rotation basis amongst students so that all the students have first hand exposure to printing technology & desktop publishing. Students are also involved in writing press releases & reporting for various events like conferences and conclaves. Training in preparing, editing and delivering news bulletins is provided with the state of art television studio in the campus itself. Two new courses are being offered by FMeH from year 18-19 onwards the details are in subsequent pages.



DEPARTMENT OF JOURNALISM & MASS COMMUNICATION

Dr. Parul Goyal Wason, Associate Professor & Head of Department of Journalism & Mass Communication

Qualifications: M.A., Dip. in Journalism, Dip. in Comm. in English., Ph.D., NET

Experience: 24 years

Area: Radio and TV production, Development Journalism, Social media Comm.

Research & Publications: Books, Academic papers in International Journals, Chapters in edited International publications.

There is a saying 'Communication Rules the World' it is in this backdrop, Department of Journalism and Mass Communication aims at imparting quality education in order to cater the increasing demands of the industry and insist on training them the various techniques of Communication. We take up challenges that come with the existing as well as emerging corporate environments. The core strength of the department 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.

Faculty members are sincere, dedicated, well qualified and experienced. They have been associated with national and multinational organizations such as Aajtak, Zee News, India TV, Sahara Group, Discovery Channel, Doordarshan, All India Radio, Headlines Today, Fairfax Business Media (Australia), Dainik Bhaskar, Navbharat Times (TOI Group), Indian Institute of Mass Communication (IIMC, JNU campus) and prominent universities of the country. Some faculty members are actively engaged in guiding research projects. They are encouraged to design syllabi that impart contemporary relevance to the various programmes of study. Teaching & Research go hand in hand in this department. The programme BAJMC is designed in such a manner where in all most all the branches of knowledge are incorporated to make the student more self-reliant and industry oriented.

ACHIEVEMENTS & MILESTONES

- On 4th March 2017, The department of Journalism and Mass Communication organized a International Conference on Social Media Governance: Prospects & Challenges wherein people from 25 countries participated.

- Department of Journalism & Mass Communication organized a National Conference on "Women & Media: Yesterday, Today and Tomorrow" on 8th March, 2016, wherein Ms. Anjum Chopra, the Former Captain (Indian Women Cricket Team), Dr. Sanjeev Bhanawat, Professor, Rajasthan University, Prof. Anu Shukla, and Prof. Shaneena Khan were the guests of Honour and graced the occasion. There were seventy papers received from every nook and corner of the country.
- Organised a National Media Conclave on Media & Society: Prospects & Challenges on 30th August, 2016. Dr. ChandanMitra (Editor, The Pioneer), Dr. A. Surya Prakash (Chairperson, PrasarBharati), Mr. K.G. Suresh (DG, IIMC) and other media professionals from across the country participated and shared their valuable thoughts and views on the subject.
- National Public Relations Day was celebrated in the department 21st April 2016.
- FMeH organised a seminar on Media Ethics in 2015.
- BOOK LAUNCH: 'NEWS ANCHORS. THE FACE OF THE NEWS' A book written by well-known News Anchors Dr. Praveen Tiwari & Ms. Archana Tiwari was published in association with the Faculty of Media Studies and Humanities (FMeH), Manav Rachna International Institute of Research and Studies 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.
- 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. 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 Journalism & Mass Communication, 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 & 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.

TEACHING METHODOLOGY

- Classroom lectures by faculty
- News, Content, Media Analysis sessions
- Practical classes in studio by faculty
- Lab work by students
- Independent work by students guided by faculty
- Self-initiated and self-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
- Regular Industry and field visits arranged for better exposure for the benefit of students.

COURSE-SPECIFIC FACILITIES

Each classroom has been provided with TV Set, LCD & Audio System. J&MC has already acquired state of the art equipment (camera, edit bay, teleprompter, etc.) and is in the process of setting up a well-equipped broadcast studio in the current academic session. It enjoys natural access to Manav Rachna Community Radio for training the students in radio techniques. J&MC computer lab has 60 computers and has all the required software for print production. The students bring out their TV & Radio programmes along with lab newspapers and magazines on their own.

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. There are plethora of career avenues in both Public and Private sector for the students of Journalism and Mass Communication.

PROGRAMMES OFFERED

- BA- Journalism and Mass Communication (3 Year)
- M.A - Journalism and Mass Communication (2 Year)
- Post -Graduate Diploma in Advertising & Public Relations (1 Year)
- Doctor of Philosophy (Ph.D)

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

Post -Graduate Diploma in Advertising & Public Relations
An Industry-Integrated Professional Course

Background

With the increase in pace and reach of communication, organizations consider communication with the stake holders or audiences, as an effective tool to augment their objectives and interests. Advertising and Public Relations, have grown tremendously in significance and become sought after and very rewarding career option.

The Objective

To produce Graduates, who are industry ready and can excel in field of Advertising & Public Relations and are well versed with the modern digital PR and advertising tools. And will have the options to work in Public Sector Enterprises, Ad Agencies and in various spheres of Advertising & Public Relations.

The Course Structure

The Course is divided in two semesters:

Semester I (Jul -December)

Semester II (Jan - May)

The course will conclude with one month internship for the students. There will be five papers taught in each semester. Each paper will have a Unit devoted to Research and digital aspect of the subject. Each semester will end with exams comprising of the papers taught in the respective semester.

Intake

As this course will have a major component of lab & industrial training, the intake will be limited & based on two tier screening process.



DEPARTMENT OF ENGLISH

Dr. (Prof.) Harbir Kaur Arora, Professor & Head of Department
Qualifications: M.Litt, Ph.D (Linguistics)

Experience: 25 Years

Area of Interest: Language Teaching, Linguistics,
Communication Skills, Soft Skills, Phonetics Grammar Research

Publications: 18 Research Publications, Manuscripts 10
Books Published: 03

The Department was established in the year 2013 and offered the degree of B.A.Honors to the students. It became a part of the Faculty of Media Studies and Humanities in 2015 in addition to BA Degree course, an MA Degree Course was offered to the students in 2015. At present, more than 145 students are pursuing their undergraduate and post graduate programs. The Department has 8 research scholars with specialization in major areas of literary studies like Postcolonial Literature, Translation Studies, Feminism etc.

The main strength of the department is the highly qualified, dedicated and competent faculty holding doctorate degree with rich teaching and research experience, who take initiatives and get fully involved with the students in their academic and extracurricular activities. Our commitment to the quality of education that we offer is reflected in our determination to maintain a relatively low student/teacher ratio and to give our students the benefit of direct contact with scholars in the field. The department organizes extra-curricular activities, in addition to lectures and interactive sessions with eminent national and international scholars and writers. The department has been actively involved in nurturing the talents of the students. The department is also coming out with the maiden issue of Literary Compendium which shall reflect the varied creativity of our students.

The aim of the department is:

- To conduct high quality research in English literature and English language teaching.
- To enable the students demonstrate their critical thinking, especially to analyze, synthesize, and evaluate ideas and texts, conduct and understand the process of research through identifying, analyzing, synthesizing, and documenting credible source material,
- To help the students understand and describe the role of literature in the development of cultures.

- To provide education and training of excellent quality both at undergraduate and post-graduate levels, the department utilizes its resource of Language Lab. The prime objective of the lab is to facilitate efficient teacher-student interaction, correct phonetic accent, improve language proficiency and to develop their effective communication skills in the present world. A vast collection of audio, video, and printed materials is available for use, complemented by institutional-grade audio-visual equipment.
- To impart proficiency in major European languages to students, teachers and wider community for living and working successfully in multicultural and multilingual settings.
- To produce competent literary professionals with language proficiency, effective communication and above all professionals with human ethics & values.

Finally, the department, through language, linguistics and literature aims at helping the students widen their horizons and open new avenues for higher studies/research abroad and home.

PROGRAMMES OFFERED

- B.A (Hons) English - (3 Year)
- M.A English (2 Year)
- Ph.D

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

JOB/ PLACEMENT OPPORTUNITIES

The students have placement opportunities in the various fields:

Academics: Teaching in various organizations, private and government universities, colleges, as language and literature teachers, translators, going for higher research.

Literary Sphere: Writing books, Poetry, prose, writing as free lancers, translators, literary critics and reviewing.

Editor: Editing job in newspapers, magazines, in various publications divisions.

Electronic Media: As a script writer (in TV serials, in stage plays, in Radio program, editing and preparing materials for various programs like Documentaries and films.

Print Media: As news readers, copy editors, writing stories and preparing materials for news papers and magazines.

Writers: Writing books for organizations like NCERT, SCERT, CBT, for schools and colleges.

Trainers: Training the students and teachers for English language proficiency in various institutions and organizations like District Institute of Education and Training, jobs as trainers in various TV channels like Google.

Correspondence Courses: Jobs in various Correspondence courses (for making materials) in universities like Delhi University, Indira Gandhi National Open University (IGNOU), English and Foreign Languages University (EFLU), Dr. B. R. Ambedkar Open University etc. Students can also have option of content writing, advertising, anchoring and technical writing.





DEPARTMENT OF VISUAL ARTS

Vishal Prabhakar, Head- Visual Arts

Qualification: BA (Delhi University)

Experience: 18 Years industry experience in Autodesk, Sony Entertainment Television, Zee Television etc

Areas of Interest: Visuals Arts, Visual Effects, Animation & Broadcast Design

The Indian Media and Entertainment (M&E) industry is a sunrise sector for the economy and is taking high growth strides. The Indian Media and Entertainment industry is on the cusp of a strong phase of growth, backed by rising consumer demand and improving Film/Advertising revenues. The phenomenal rise in the sector has led to a high demand of skilful force. This demand is seeing double digit growth year on year and is giving rich dividends, catapulting the industry to new economic highs.

Technological advancement in computer graphics has revolutionized Film making and visual arts is necessary to achieve and complete the creative narrative. Story telling through films has amazed the viewers by creating a Visual Spectacle that has never been witnessed before.

The Visual Effects or VFX industry is fast emerging as an indispensable part of film making, and the cutting edge work carried out by Indian studios has catapulted the country on to the global VFX market. The post production segment saw a robust double digit growth in 2016, and continues to perform and reap the benefits of an established ecosystem around the segment.

International projects account for a big share of the VFX industry with revenues at over 70 per cent and Hollywood studios leveraging the skill set and cost advantages of Indian talent. However, with growing acceptance of VFX as an important tool for domestic productions evidenced by films like the 'Baahubali' franchise, 'Fan', 'M.S. Dhoni: The Untold Story' Sultan, PK etc.

The animation and VFX industry is estimated to grow at a CAGR of 17.2 per cent over 2017-21 to reach a size of INR131.7 billion, driven by a steady 9.5 per cent growth in animation and a 25 per cent growth in the VFX segment. The domestic content is likely to be the key growth driver for the animation industry.

India has become one of the global hubs of outsourced animation and graphics. Hollywood, and other major film industries, particularly like work from India because, given a detailed plan, Indian talent is very good at executing it - with eye for detail.

PROGRAMME OFFERED

- Bachelor of Visual Arts (4 Years)

Bachelor of Visual Arts is a full-time, 4-year program designed to produce production-ready artists who are versed in general academic knowledge, visual arts and digital production skills.

Students will learn about Digital Production, Visual Communications, Storyboarding, Colour Theory, Anatomy, 3D Design, Animation, Digital Character Sculpting, Visual Effects, Digital Painting, Digital Compositing, Filmmaking for Visual Effects and much more.

The Emphasis will on practical learning. Development and application of skill sets per semester. Students will learn more about all aspects of Visual Arts in a Pedagogy that completely practical.

The objective of the course is to produce skilful professionals that are highly qualified in the subject and are industry ready for employment.

Graduates will demonstrate academic proficiency that promotes creativity, imagination, lifelong learning and a command of design & technical applications to contribute successfully within the film, broadcast and gaming industries. This course will extensively develop in-depth skill sets relevant to the demands of the industry and is for students serious about a career in Visual Arts.

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





DIRECTOR GENERAL'S MESSAGE



Padma Shree Prof. Dr. Pritam Singh
Honorary DG MREI & Chairman-Strategic Mentoring Board

Ex-Director, MDI Gurgaon &
IIM Lucknow,
Ex-DG IMI

“The Faculty of Management Studies, MRIIRS is one of the premier Business Schools in India. The intellectual capital and the quality of its faculty are par excellence. It is highly connected with the corporate world and its leaders. It is very effectively engaged in grooming and architecting students who can play outstanding role in managing the task assigned to them. The MRIIRS MBA students are groomed to be innovative, creative and entrepreneurial with powerful zest to make the difference wherever they go and work.

Students aspiring to have a great career and outstanding leadership profile must join its MBA program. MRIIRS state-of-the-art campus with the serenity of the old Gurukula ambience.”

- Padma Shree Dr. Pritam Singh, Former Director, IIM, Lucknow, Former Director, MDI, Director General, IMI, New Delhi, Dean IIM, Bangalore.

FACULTY OF MANAGEMENT STUDIES (FMS)



DEAN'S MESSAGE

Dr. Suresh Bedi
Dean FMS

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

Experience: 41 Years

Areas of Interest: Research Methodology, Business Environment and International Business and Business Economics

"As teachers, 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 challenge the students to think beyond boundaries and work beyond their comfort zones, encouraging innovation, creating and honing their analytic skills 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.

The aim has been to build the Department of Management Studies as a center of total quality education through holistic development. The emphasis in its decade long existence has been on

- 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

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





FMS ACCREDITATION & RANKINGS

- FMS ranked among the top 40 B-Schools of India by Business India B-School Survey 2017-18.
- FMS is ranked among top 100 B-schools in India and top 75 in private B-schools in India by Business World best B-schools Survey 2017.
- FMS is ranked among the Top 15 B-Schools in North-India by Times B-school Survey, 2017
- FMS has been honoured with 'The Economic Times Best Education Brands 2017'.
- FMS received AAA rating across Haryana in 2017 by Careers 360.
- Bestowed with the title 'Best University providing Global exposure to its Students' by ASSOCHAM in 2017.
- Ranked among Top-50 B-Schools by India Today in 2017.
- Ranked 20 among Top B-Schools Delhi-NCR and 30 in Top B-Schools Non-Govt. North Zone in the rankings by The Week in 2017.
- FMS, MRIIRS has ranked among Top 40 best Business Schools in India by Business India Best B-Schools Survey, 2017- 18.

OUR KNOWLEDGE PARTNERS

- FORTIS HOSPITAL • KPMG



PROGRAMMES OFFERED AT FACULTY OF MANAGEMENT STUDIES (FMS)

- Master of Business Administration (MBA) (with Dual Specialization) (2 Year):

It is the flagship MBA programme wherein students can opt for 2 specializations. The traditional specializations include the functional disciplines, that is, • Finance (in collaboration with KPMG) • Marketing • Human Resource • International Business • Information Technology • Digital Marketing • Entrepreneurship • Events & Media • Business Analytics

- Bachelor of Science - Hospitality and Hotel Administration (3 Year)

- Ph.D in Management Studies

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

Number of seats, Fee Structure, Minimum Eligibility criteria and criteria for preparation of merit list are given at page no 83 onwards of this brochure.

AFFILIATIONS

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

Master of Business Administration (MBA) with Dual Specialization (2 Year)

Duration: Two years starting from July 2018

Programme Delivery: Regular on Week Days

Academic Term: Semester Basis

Broad Curriculum Content: It is a choice based credit system in Semester - I & II, we cover the foundation and core courses like Human Resources, Organization Behavior, Finance, Marketing, IT, Communication Skills, Employability skills and Foreign Language. All students shall undergo 6/8 weeks Summer Training in June/ July, 2018 and opt for dual specializations in Semester III & IV

PROGRAM HIGHLIGHTS

Highly application centric industry integrated MBA Programme with focus on Communication Skills and Employability Skills. We believe in creating Ethical Leaders who can take responsibility and contribute to nation building.

Corporate Experts and renowned visiting faculty to drive other specializations.

All students shall undertake a Minor Project & Summer Internship (8-10 weeks) in June/July 2019 after Semester II and a Major Project during Semester-IV leading to submission of a Dissertation.

PLACEMENT OPPORTUNITIES

Our students have carved out their careers in MNC's, Start-ups, Service Industry, FMCG, Consumer Durables, Financial Institutions and are also successful Entrepreneurs. Some of our top recruiters are: Reliance Jio, Airtel, Ericsson, J.Walter Thompson (JWT), Shalimar Paints, Business world, Wacom India, Infoedge Ltd, Zomato, HT Media Times, KPMG, Fortis, Naukri.com, 99 Acres, India Bulls, Grofers, Jaro Education etc.



BACHELOR OF HOSPITALITY & ADMINISTRATION

Prof. S. K. Saluja, Professor & Director- Hospitality and Hotel Administration

Qualifications: BHM (IHM Pusa), B.Com (Hons.), Advance Kitchen Program, Oberoi School of Hotel Management

Experience: 36 Years

Area of Interest: Hospitality Educator, Hotel Administration, Research & development, Kitchen Operations, Food Quality

DIRECTOR'S MESSAGE

Welcome to the world of Hospitality!

Hospitality is a blend of skill sets such as positive attitude, warmth, empathy, good communication and confidence. If you can relate to others and empathise when they are in need, you are the one made for this profession. The Hospitality industry is global, glamorous, growth oriented and rewarding. The boom and demand for manpower offers career choice in five star hotels, restaurants, cruise lines, airlines, railways, retail, hospitals, clubs and tourist offices. This program B.Sc Hospitality and Hotel Administration is all set to widen the horizon for all the hospitality aspirants who want to make their career in this industry.

The unique features include choice based credit system for imparting knowledge. It has a strong industry link, highly experienced and well-qualified faculty to lead the next generation of hospitality professionals.

The Industry driven curriculum is geared to strengthen the foundation and it challenges the students to develop conceptual, analytical, technical and managerial skills thus enabling them to compete and meet the changing needs in the challenging world of hospitality.

Wishing all the new aspirants a happy beginning with Manav Rachna International Institute of Research and Studies.

Hotel Management is a vast, fast moving, and rapidly growing industry and includes all kinds of hotels from budget & 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 organizational skills, time management, multi-tasking 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-HM provides the students with a mix of strategic and operational skills that they need to succeed in the role.



MRIIRS is proud to be associated with Inter Continental Hotels Group (IHG) - The Crowne Plaza. An Academic Partnership has been signed with

the IHG Academy, through which MRIIRS department of Hospitality will provide opportunities to students to build their hospitality skills and improve their employability.

PROGRAMS OFFERED :

- B.Sc - Hospitality and Hotel Administration (3 Year)

KEY AREAS OF STUDY

- Food and Beverage Production Operations and Management
- International Culinary Arts and Wines
- Rooms Division and Guest Relations
- Housekeeping Management
- Restaurants, Bar and Banquet Operations and Management.

INDUSTRIAL TRAININGS

An elaborate industry exposure to compliment a contemporary curriculum.

INDUSTRY PARTNERS

- ITC o DLF • Claridges • Vivanta by Taj
- Country Development and Management Services • Leela Kempinski Jaypee Group of Hotels • Radisson • Hilton • Le Meridien
- Holiday Inn Hotels & Resorts
- Shangri-La Hotels and Resorts • Crown Plaza • Westin • Hyatt Regency • Oberoi Hotel • Sarovar Hotels & Suites • Indig
- 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

- 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 Entrepreneurship o 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.





FACULTY OF BEHAVIOURAL & SOCIAL SCIENCES (FBSS)



Prof. (Dr.) Chavi Bhargava Sharma
Executive Director and Dean & Secretary - Dr. O.P Bhalla
Foundation Manav Rachna Vidyanatariksha

Qualifications: MA (Psychology), UGC-Net, Ph.D

Experience: 25 Years

Areas of Interest: Diversity & Cultural Studies, Behavioural & Social Research, Gender Studies, Mental Health & Wellness, Empowering Women, Children and Young Adults

About Faculty of Behavioural & Social Sciences

Manav Rachna International Institute of Research and Studies is renowned for its excellence in research and education. With great pleasure we announce the launch of Faculty of Behavioral & Social Science with commitment to contribute to the university mission by supporting the pursuit of excellence in the field of behavior and social science.

At FBSS, we not only provide an intellectual ecosystem for our students to acquire knowledge and to deliberate some of the important issues in behavior and social science, but also to create solutions and new knowledge in the field pertinent domain as well as life long learning perspectives.

We provide excellent facilities to our students including a modern contemporary campus and state-of-the-art library offering wide variety of journals, databases, books.

The student mix at FBSS makes it diverse as the students come from a variety of backgrounds, including psychology, economics, social work, and lifelong learning from all stages of life.

The students develop a strong theoretical foundation through a rigorous training sessions, course delivery with experiential learning pedagogy. The faculty brings tremendous research strength and a wide variety of industry and government experience across diverse and functional domains. At FBSS the students and faculty work closely with each other in the classrooms as well as on individual research projects. The faculty has been derived from vast National as well as International exposure.

It is important to mention that degree from FBSS could lead to rewarding careers filled with inquiry and intellectual growth. The contributions of students extend not only to behavioral practices, but also to governance economics and social work including behavioral economics. I am proud and privileged to have a wonderful team of well experienced and learned faculty to take this mission forward.

DEPARTMENT OF PSYCHOLOGY

Dr. K M Tripathi

Assistant Professor & HoD

Department of Psychology

Experience: 11 Years

Areas of Interest: Organizational Behavior, Research

Methodology, Counseling, Social Psychology



Our curriculum and pedagogy stems from our belief in 'Multiple Intelligence'. Our pedagogy and diverse teaching and learning methods are based on 'Experiential Learning'. We have an active Human Lab which is the foundation through which all students explore the various avenues of applied psychology including areas like clinical, organizational or counseling amongst others. Some of the ways our students learn is through live field projects, workshops, action research, simulations, role-playing scenarios, case studies, seminars, industry interface and guest lectures.

We lay 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 FBSS culture. FBSS believes that holistic development should be the goal rather than creating islets and silos of knowledge.

PROGRAMME OFFERED

- BA -Applied Psychology (3 Year)
- MA -Applied Psychology (2 Year)
- Ph.D

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

BA -Applied Psychology (3 Year)

BA Liberal Arts (3 Year)

COURSE OVERVIEW

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 the student will conduct qualitative and quantitative research, & also complete an independent research project in your final year.

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 to work and in the community, and how psychological interventions might help real world problems.

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.

MA -Applied Psychology (2 Year)

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

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 Human Lab

A centre for Psychometric Assessment, Psychological Counselling, Psychotherapy, Training and Development.

The Human Lab is an attempt to integrate and apply the principles and fundamentals of psychology. Physical wellbeing alone does not guarantee success in life; what we also require is psychological wellbeing. So the goal of The Human Lab is to create holistic wellbeing.

HIGHLIGHTS

- Perfect blend of industry-academia exposure
- Infrastructure conducive to promote learning and skill building
- Experiential and interactive approach for curriculum delivery
- Trained faculty from different R & D Organizations like Defence Research and Development Organization, Sports Authority of India, Institute of Banking Personnel Selection, Department of Experimental Psychology etc
- Psychology students are placed with prestigious institutions like KendriyaVidyalaya, Ministry of Woman and Child Development, Tagore International School etc.
- Students are involved in different research projects of Haryana Police, ICSSR and UGC
- For Psychology students regular fields visits are organized to different places like old age homes, counseling centers, hospitals, and research labs.
- Equipped with state of art Psychological Laboratory and Testing facilities





Post Graduate Diploma in Counseling

Program brief

- The P.G. Diploma in counseling program is spread over two semesters of 16-18 weeks each. The Program focuses both on in-depth study of theory and on the acquisition of professional and research skills. The courses covered in the first semester are designed to give an insight in the various functional areas of counseling, to enhance communication skills and decision making ability. In the second semester, the student is introduced to the array of psychological disorders present in the target population and the skills to deal with the same. At the end of each semester, the students go for an industry internship or summer training with an organization spanning 4 weeks.

Duration - One Year (Two Semesters)

Courses to be Taught

THE PROCESS OF COUNSELING

RESEARCH METHODS

TESTING AND ASSESSMENT

SELF DEVELOPMENT OF THE COUNSELOR 1

FIELD WORK 1

INTRODUCTION TO PSYCHOLOGICAL DISORDERS

THE LEGAL ASPECTS

COUNSELING AT SCHOOLS AND OTHER EDUCATIONAL INSTITUTIONS

COUNSELING AT WORKPLACE

SELF DEVELOPMENT OF THE COUNSELOR 2

FIELD WORK 2

Program Educational Objectives (PEO's) -

- Have an integrated knowledge of the various forms of therapeutic techniques in psychology and develop the capability of application of the same.
- Gain ability to assess and assist the issues of clients. Develop the skills of behavior modification as per the needs of the individuals.
- Be well informed, ethical and committed behavioral science professional contributing to the society and community at large
- Enhance and develop the sense of empathy to assist the client.

Program Outcomes (PO's) -

- Be able to display competencies and knowledge in key areas of counseling.
- Be able to develop a holistic and integrative approach of client assistance and training.
- Be able to apply psychological theories and perform analysis of behavioral problems.
- Acquire skills in the broad areas of psychotherapies, mental disorders, interventions, client education, both qualitative and quantitative assessment methods.
- Be able to identify and analyze the client's needs and goals and work along with the client to achieve the same.
- Be aware of legal, ethical and social responsibilities and translate them into effective professional practices.

Ph.D (Psychology)

The doctoral program in Psychology offered by FBSS at MRIIRS is framed according to standards set by UGC new Regulations, 2016 for Awards of M. Phil / Ph.D Degree under the guidance of highly qualified and widely recognized faculty in their respective fields. The Ph.D programme at FBSS has been able to create substantial impact on teaching, research, projects, and consultancy.

The department has brilliance in the areas of Social Psychology, Cross-cultural Psychology, Personality, Indian concepts relevant to Psychology, Cognitive Psychology, Sports psychology, Social Representations of Health and Illness, Organizational Behavior, Human Processes at Work and Service, including Human Resource Development. The department has a robust Ph.D program with a well-structured 6 month coursework supported by state of the art infrastructure, Psychology Laboratory, well stocked up-to-date library.

PLACEMENT OPPURTUNITIES

The students have a successful career in Hospitals, Clinical settings, working in School & Colleges as counselors and also in corporate sector in the HR Department as Trainers and specialists in Psychological assessments.

PLACEMENTS AND INTERNSHIP



PROGRAMME OFFERED

Master of Social Work (MSW) (2 Years)

COURSE INTRODUCTION

The changing dynamics in our society create need of human service profession to appropriately address the concerns of people at varied levels. Gradually, development and empowerment of people is being considered as a mean for overall development of a society which can be facilitated by trained professionals. Master of Social Work (MSW) is a professional course with aim to develop critical insight among the students to appraise social issues. This course intends to develop students' personality through inculcation of democratic and humanitarian values. The course structure is inclusive of 3 days of theory classes and 2 days of concurrent field work in a social welfare organisation as assigned by the department. Rigours training imparted as part of this course will familiarize students with principles and values of the profession. This course will equip students with appropriate skills for social work practice.

This course would prepare learners for job opportunities both in government and non-government sectors in varied settings like education, hospitals, hospitality, environment, corporate, development of special groups, legal system like family courts & crime against women cell.

Eligibility

Admission to Master of Social Work (MSW) is open to both men and women having a Bachelor's Degree programme of 3 years duration or its equivalent (under the 10+2+3 year) in any discipline with minimum 50% marks from a recognized University. Candidates appearing in the final year examination of the Bachelor's degree are eligible to apply, however their admission would be confirmed only after completion of the minimum qualification.

Admission: Admission to this course would be made through a combination of Entrance Test, Group Discussion and Personal Interview. All candidates would be required to appear for a Group Discussion and Personal Interview. Respective weightage for three components to the admission procedure would be as follows:

Entrance examination-50%

Group discussion: 30%

Personal interview: 20%

Merit list prepared as per the components' weightage above would guide the admission.

Foreign Nationals

Foreign students seeking admission to the course are required to apply directly to the Foreign Students Advisor. The University will confirm the admission of foreign students after they clear the medical test within a month of their admission.

Number of Seats: 30

Curriculum

Theory: 5 papers per semester @ 100 marks = 2000 marks

Field work: 1 paper per semester @ 200 marks = 800 marks

Semester I	Semester II	Semester III	Semester IV
History and development of social work profession	Social work practice with individuals	Research methodology-quantitative approaches	Emerging areas to social work practice- I
Society and contemporary concerns	Social work practice with groups	Research methodology-qualitative approaches	Emerging Areas of social work practice- II
Human behaviour and social psychology	Social work practice with communities	Management and development of NGOs	Dissertation
Social policy, Economic and political systems	Social action and movements	Optional - any one Social work in psychiatric setting Or Physical and community health	Optional - any one Environmental concerns and social work profession Or Social work response to disaster management
Social legislation and human rights	Social welfare administration	Optional - any one Palliative care and social work profession Or HIV-AIDS and social work profession	Optional - any one Social defence & criminal justice system Or Integrated approaches to social work practice
Field work	Field work	Field work	Field work

FIELD WORK COMPONENTS

- Orientation Programme: Three-day orientation programme will be organized at the commencement of the course of the semester-1 & III before starting concurrent field work. Orientation visits to welfare agencies/communities will be an integral part of the orientation programme.
- Concurrent Field Work: Concurrent field work will begin simultaneously with class-room teaching of theory papers from the very beginning every semester. Two days in a week will be allotted to the students to perform concurrent field work. A minimum of 15 hours (including report writing) per week of concurrent field work will be required for each student. Students will be required to complete 200 hours of field work in each semester.
- Rural Camp: Five-day rural camp will be organized for the students of semester 3 to provide them exposure to the socio-economic, political, cultural situations & problems of rural life.

- Block Field Work: At the end of semester-4, students will be required to undergo four-week block field work training in a social welfare agency in or outside Delhi. It is treated more as pre-employment experience and mandatory for awarding degree.
- Supportive fields instructions/ Skill Development Workshops: Special sessions, workshops and 'learning by doing' exercises for inculcating values, principles, methods, techniques, tools of the social work profession.

Criteria for successful completion: Eighty percent (80%) attendance in the concurrent field work and seventy five percent (75%) attendance in theory classes is compulsory. Students failing in field work would be deemed to be failed in entire semester. Such students would be required to repeat all the theory papers, in addition to field work of that semester.



DEPARTMENT OF ECONOMICS

Dr. Nimai Das, Associate Professor & HoD

Qualifications: PhD (Economics), MA (Economics), BSc (Economics Honours); UGC-NET & SET with JRF in Economics
UGC-NET & SET with JRF in Economics

Experience: 17 Years

Area of Interest: Research in Public Economics and Applied Econometrics including quantitative modelling of environment, climate change, natural resources, public health, state finance, etc.

In today's world, where economies across the globe are interconnected, studying Economics has become vital. By offering undergraduate programme in Economics, named B.A (Hons.) Economics, the Department of Economics, Manav Rachna International Institute of Research and Studies, aims at building required analytical and critical skills and attitude in its students that enable them to successfully participate in the world at large. The department visions to be the leading centre of economics education in India. Besides offering discipline centered theoretical and practical knowledge, the department gives importance to development of moral dimension and character of its students and works with a quest for exploring new frontiers of, in the domain of economics and at the same time strives for innovation in pedagogy. The department takes pride in its faculty, which is one its strongest pillar and engages in frequent revision of its course curriculum keeping in view the requirement of the industry and also believes in providing its students with rich learning experiences that facilitate holistic development of its students, with an aim of creating humane intellectuals.

The B.A (Hons.) Economics programme is designed to produce graduates trained in the application of knowledge in economics to real-life economic, financial, ethical and analytical problems encountered in the economy. It is structured to provide the students with the skills and professional acumen to become key players in the economy. The course may enable the students to effectively apply their knowledge and skills to situations of economic, institutional and policy making. The diversity and the spread of the course ensure that the students receive sufficient experience of the current issues and crises of the world especially that of the emerging economies.

PROGRAMME OFFERED

- B.A. (Hons.) Economics - (3 Year)

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

COURSE OVERVIEW

The undergraduate program in Economics deals with the study and application of economic theory and economic decision making. Exposure to different sectors (Industry, Agriculture, Services) through dissertation builds the analytical capacity of the students. The Department is committed to a liberal arts philosophy and the development of leadership skills in the field of economics. The Program develops its students' professional competencies and responsible citizenship skills, and prepares them for a variety of careers in economic research, financial economics, and banking.

HIGHLIGHTS

- Perfect blend of industry-academia exposure
- Infrastructure conducive to promote learning and skill building
- Experiential and interactive approach for curriculum delivery
- Trained faculty from different R & D Organizations like Defense Research and Development Organization, Sports Authority of India, Institute of Banking Personnel Selection etc
- Well-equipped library with sufficient number of books.

PLACEMENT OPPORTUNITIES

Graduates can find their employment suitability in various sectors like 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 etc.





DOCTOR OF PHILOSOPHY PROGRAMME



Prof. (Dr.) N. K. Chadha
Chairperson Doctoral Programme

Qualifications: Ph.D (Delhi University, Post Doctorate (University of Virginia, USA)

Experience: 38 Years

Area of interest: Research, Psychometric testing, Career Counselling, Positive Psychology, HRM & Gerontology

For doctoral scholars and faculty who thrive on research, Manav Rachna International Institute of Research and Studies provides and promises an excellent environment. With focused approach and dedicated efforts a great emphasis is put on high quality academic research and knowledge creation.

We invite researchers from all disciplines to collaborate, and partner in the inspiring journey as well as the success!

I invite you to consider our programs and would be happy to discuss your academic interests, if you have the inclination and commitment to undertake a rewarding career.

We promise to take the mission forward along with our students to compete with the International forum for research and generation of knowledge.

MRIIRS 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.

MRIIRS 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 retaining and recruiting researchers of the highest distinction, processes and potential across the Institutions, attracting the very best research students nationally and internationally. We provide a supportive research environment in which scholars at every stage of their career, can flourish and develop. We aim at encouraging collaboration-regionally, nationally and internationally and effective partnerships with other research institutions, research agencies, funding bodies/sponsors and benefactors thus ensuring that the fruits of the Institution's research activities are leveraged and disseminated for the benefit of society and the economy. We also strive to provide the academic and administrative services and facilities needed to facilitate research excellence and knowledge transfer.

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

- A Master's degree with not less than 55% marks in aggregate in Engineering/ 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 Institution.
- 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

- Online applications for joining the Ph.D. programme shall be submitted. All eligible candidates shall have to appear for Entrance Test (of 80 Marks) to be conducted by MRIIRS as per UGC new Regulations, 2016 for Awards of M.Phil / Ph.D Degree. The syllabus for the entrance test shall consist of 50% of Research Methodology as Part-A and 50% shall be subject specific as Part-B. The entrance test shall be followed by an interview/ presentation carrying a weightage of 20

Fee for Ph.D Programme for Academic Session 2018-19

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 of 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 Ph.D is 3 years and hence a Research Scholar will be required to pay Research Fee of Rs. 50,000/- per annum for a minimum period of 3 years in two equal installments per year. If a Research Scholar submits his/ her long synopsis and successfully completion of Pre-Ph.D seminar /viva within 15 days from the completion of 3 years from the date of registration, he / she shall be required to pay Research Fee only for 3 Academic Sessions aggregating to Rs. 1,50,000/-. However, if the Research Scholar submits his / her long synopsis and successfully completion of Pre-Ph.D seminar/viva after 15 days from the completion of 3 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 2018-19, 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, 2019	Research Fee - Rs. 25,000/-
Before December, 2019	Research Fee - Rs. 25,000/-
Before June, 2020	Research Fee - Rs. 25,000/- (& same in subsequent years till completion as per ordinance 8B)
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 3 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.

Full time Ph.D scholars shall be given scholarship/ stipend as per MRIIRS norms.

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 Ph.D. Ordinance 8B. In case of a suitable candidate, the DRC shall assign some specific topic as area of research found suitable. A candidate will ordinarily be allowed twice for such presentation before the DRC. A third attempt may be allowed only with the approval of the Vice Chancellor in special circumstances.

- The recommendations of the DRC regarding the research plan of the candidate and proposed 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 Institution, 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 Institution.

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



QUALITY ASSURANCE



Dr. V. K Mahna
Executive Director- Quality Assurance and Enhancement
B.Sc. (Mech. Engg), M.Sc (Mech. Engg),
Ph.D (IIT Delhi)

Both as a part of regulatory requirement and as a part of best practices, each academic unit of Manav Rachna Educational Institutions has an Internal Quality Assurance Cell to drive quality processes. The Cells have been established as per norms of the National Assessment and Accreditation Council (an autonomous institution of the University Grants Commission) to take quality initiatives for improving academic and administrative performance of the institutions. The members of the Cell are drawn from various stakeholder groups including senior faculty, University administration, Industry representatives, alumni and students include senior faculty, and industry representatives, civil society members and student representatives. Meetings of IQAC are chaired by the respective Vice-Chancellors/ Directors and the decisions are executed by the concerned directors. The Cells work in close coordination with Manav Rachna Academic Staff College, the apex MR entity for faculty and staff development.

Some of the major purposes of IQAC include development and application of quality parameters and organization of activities relating to enhancement of educational quality. The cells are engaged in evolving mechanisms for timely, efficient and progressive performance of the various academic and administrative units of the universities. These cells also undertake periodic academic review of the various departments in which specific measures for quality enhancement are suggested and implemented. The Cells play a key role in promoting quality culture in respective universities. The cells conduct faculty and staff development programmes, workshops and expert lectures from time to time to generate quality awareness among faculty and students for enhancing quality of education and student support services.



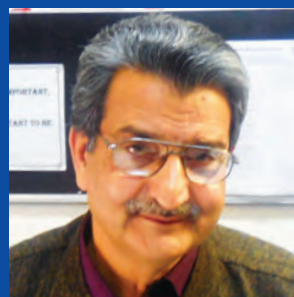
PAY OFFS

- Spread of quality culture in the institution,
- Ensuring timely, efficient and progressive performance of academic, administrative and financial tasks
- Realistic assessment of quality of academic and research programmes
- Equitable access to and affordability of academic programmes for various sections of Society
- Optimization and integration of modern methods of teaching and learning
- Enhancing the creditability of evaluation procedures
- Ensuring the adequacy, maintenance and proper allocation of support, structure and services
- Sharing of research findings and networking with other institutions in India and abroad.
- Facilitating the creation of a learner-centric environment conducive to quality education and faculty maturation to adopt the required knowledge and technology for participatory teaching and learning process.
- Arrangement for feedback response from students, parents and other stakeholders on quality-related institutional processes.
- Dissemination of information on various quality parameters of higher education.
- Organization of inter- and intra-institutional workshops, seminars on quality related themes and promotion of quality circles,
- Acting as a nodal agency of the Institution for coordinating quality-related activities including adoption and dissemination of best practices,
- Preparation of the Annual Quality Assurance Report (AQAR) as per guidelines and parameters of NAAC, to be submitted to NAAC.
- Besides playing its sentinel role for quality control, IQAC has ushered in an ambience wherein every stakeholder places a high premium on quality as the objective function and value addition which accrues.

Under the aegis of Quality Cell various processes like curriculum design and development, obtaining feedback from various stakeholders like students, parents, teachers, industry experts, recruiters and other peer groups are designed, sharpened and optimized. These initiatives have paid rich dividends as corroborated by an overall enhancement in various processes including accreditation of B.Tech. Computer Science & Engineering, B.Tech. Electronics & Communication Engineering and B.Tech. Mechanical Engineering programmes by the National Board of Accreditation (NBA). MREI employs the vehicle of IQAC for an inexorable continuous quality improvement.



DEPARTMENT OF STUDENTS WELFARE



Prof (Dr.) I.K. Kilam
Dean Students Welfare
Ph.D., M.A. - Economics, M.Sc. - Applied Physics,
MBA, PGDPR, CAIB (I)

The Institution lays special emphasis on students' welfare, and, therefore, has a full-fledged Department of Student welfare for this purpose. Department of Student Welfare (DSW) is a student care and supervision center that serves as a liaison between students and administration. DSW closely works with students across all years to provide leadership, social, extracurricular and academic counselling programmes. The Department also seeks to challenge students to become responsible and productive citizens of society and to support the University's educational and administrative goals to enhance or address aspects of the entire student experience. The Department of Student Welfare has professionally trained professional to help students through the unanticipated problems that sometimes comes in their way. The main purpose behind setting up of such department is to contribute towards the development of an academic environment that promotes productive learning and academic success, while abolishing the stressing and challenging situations that could arise for one or another reason.

The Department is engaged in developing the personality of the student in all spheres of life which it undertakes through various student-oriented programmes. It believes that given an opportunity, it will bring out the hidden talent of the students. The Department aims at promoting extra-curricular and developmental activities among students by identifying talented and interested students in the areas of Music, Dance, Literature, Fashion, Arts, Social Responsibility, Theatre, Photography, Health etc. and thereafter, nurturing their individual talent and giving them a supportive environment to plan and execute various activities in the said areas, thus making a major contribution towards their holistic development.

The Department is housed in a magnificent Students Activity Centre, equipped with all amenities. The Department shares the responsibility of educational tours organized by various teaching departments. A large number of camps and adventure courses like Trekking, Youth Leadership Training Camps, Value-based Spiritual Course, Personality Development Camp, Youth Parliament, Students Talent Hunt, Documentary, Literary, Photography, Festivals celebration, Treasure Hunt, Talent Competitions for Faculty and Staff, Film and Book reviews, Debates and Declamations, Folk Dance competitions, etc. are organized. Annual Cultural Fest RESURRECTION consisting of many events of Music, Dance, Theatre, Literary, Fine Arts and Culture is also organized during an academic session. Social Responsibility drives, Anti ragging seminars, Street Plays, photography competitions, workshops and National Festivals like Independence Day, Republic Day are

celebrated with patriotic fervor, year after year. A Techno-Management Fest, especially designed for the students of Engineering, Management and other technical Institutions, is also organized in association with various faculties of the University.

Department of Students Welfare feels pleasure in welcoming all the aspiring candidates to participate in these competitions with an aim to provide them suitable opportunities to identify and nurture their talent in the years to come....

MANAV RACHNA CLUBS AND MANIFOLD ACTIVITIES

At Manav Rachna, students are spoiled for choice as there are as many as 9 Extra Curricular Groups that cater to varying interests. "Each of these groups 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 Prof. I.K. Kilam, Dean Students Welfare, MRIIRS. Each of the groups 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 & character:

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.

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.

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.

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.

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.

Manav Rachna Theatrical Troupe- This troupe covers activities like nukkad natak, drama, skits, standup comedy, mono acting, mimicry etc.

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.

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.

Manav Rachna Health Club- Those who treat their body as a temple and are health conscious can join this Club and actively participate in health camps, yoga shivirs and meditation sessions. They can promote gym and healthy eating habits along with overall wellness and awareness on balanced nutrition.

MANAV RACHNA RESURRECTION FEST once every year which is the biggest cultural event of the campus.

CLANS AT MANAV RACHNA

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

Sports- Sports Activities at Manav Rachna, Media- Photography, Documentary, Creating, Content for Print & Digital Literary- Debate, Poetry, Declamation & Quizzes, Cultural- Music, Dance, Theatre & Fine arts, ISR- Community Services

The Role of the Clans

At the core, the Clan's role is to create more fervent connections at MREI. The other roles the Clan structure will play are:

1. Facilitate an environment for students to engage across physical infrastructures. An environment which not just promotes academic excellence but also caters for personal development keeping the fun factor alive,
2. To promote friendship and respect amongst pupils,
3. To empower students & educator groups wherein they can collaborate in aiding the development of real life skills,
4. To create a sense of responsibility, loyalty and tolerance towards seniors, peers and the parent institution,
5. To be able to harness the talent; the ability to arrive at consensus of views and the ideas coming from a larger number of students,
6. Finally, to create healthy competition.

Manav Rachna has created a strong organizational structure for implementation of Manav Rachna Life Skills Programme (MRLSP) to ensure that this initiative is seriously conceptualized, driven AND effectively executed across the university.





FOREIGN NATIONAL STUDENT ADMISSION POLICY (2018-19)

MANAV RACHNA INTERNATIONAL INSTITUTE OF RESEARCH AND STUDIES ALSO ADMITS FOREIGN NATIONALS AND PERSONS OF INDIAN ORIGIN (PIO) TO VARIOUS PROGRAMS OFFERED BY THE INSTITUTION. 15% SEATS ARE RESERVED FOR FOREIGN NATIONALS / PIOS IN ALL THE PROGRAMS. IN CASE ADEQUATE NUMBERS OF SUCH CANDIDATES ARE NOT AVAILABLE, VACANT SEATS MAY BE FILLED UP BY INDIAN NATIONALS. HOWEVER, THE NUMBER OF SEATS FOR FOREIGN NATIONALS / PIOS CAN BE INCREASED TO THE EXTENT OF 5% OVER AND ABOVE THE SANCTIONED INTAKE, IF REQUIRED, WITH THE APPROVAL OF COMPETENT AUTHORITY OF THE INSTITUTION.

ADMISSION & APPLICATION

For last date of admission to all UG and PG programmes visit www.manavrachna.edu.in. However, the admission to Ph.D programme shall remain open throughout the year, subject to the availability of seat in the area of research in which the candidate wants to do Ph.D and fulfillment of other eligibility criterion for admission. The admission form can be downloaded from our website www.manavrachna.edu.in.

ELIGIBILITY CONDITION

Minimum eligibility condition as laid down in respective Admission Brochures for any academic year will be followed, wherever required, the qualification will be mapped as per AIU norms.

PROCEDURE FOR ADMISSION

1. The candidate desirous to seek admission to MRIIRS is required to forward the following documents by mail to coordinator.iec@manavrachna.edu.in:
 - a) Scanned copy of the attached application form duly filled-up and signed with photo (pasted).
 - b) Scanned copy of the passport
 - c) Scanned copy of Academic transcripts, duly attested by the Indian Embassy in Applicant's country or candidate's country's Embassy in India.
2. On receipt of the required documents and subject to confirmation of candidate's eligibility based on the documents provided, the candidate will be registered and intimation will be sent to him/her about eligibility.
3. After confirmation of eligibility, the application fee of US\$250/- by Bank Transfer to Institution Bank account quoting name and passport number of the candidate is required to be deposited by the candidate.

4. On receipt of US\$250/-, the Eligibility Confirmation Letter will be sent with the instruction to deposit US\$1000/- for Provisional Admission Letter (PAL) to enable the candidate to apply for VISA.
5. Once the VISA is received by the candidate, the candidate can travel to India & pay the balance of required fees.
6. After checking and verification of the original documents by the Institution Bonafide Certificate will be issued on the basis of candidate's proof of residence in India and proof of residence in the home country.
7. Further, the student will be issued S Form ID (Unique ID Number requires for online tracking throughout INDIA as per GOI norms) and C Form ID- Only for Hostellers (Residence ID Number requires for stay in INDIA as per GOI norms during the study period in India). The students, other than Hostellers, need to get it from their concerned landlord.
8. The student will be required to report to FRRO for Registration.

Mandatory instructions for Foreign National Students while applying for Bonafide Certificate:

The students are required to submit their Bonafide Application with the Self Attested photocopies of the following for Visa Extension purpose. One month before the due date to their respective Department/ Faculty to enable to get their Bonafide issued well in time from Registrar office for document upload purpose while taking their online appointment for above said purpose:

- Passport
- Visa
- Stay Visa
- Institution ID
- Rent Agreement/ Hostel ID etc.

The student (Existing and New) who is on fresh Visa also needs to submit his/her application along with the Self Attested photocopies of the above stated documents within two days of joining his/ her respective Department/Faculty keeping in view the FRRO Registration clause of 14 days.





IMPORTANT INSTRUCTIONS FOR ADMISSION SEEKERS

SUBMISSION OF APPLICATION FOR ADMISSION

Application for admission shall be submitted online only at the website www.manavrachna.edu.in for which application fee of Rs. 1200/- is payable. Payment can be made through Net Banking/ Credit/ Debit card/E wallets at the time of submission of application. Alternatively, candidate may procure the Admission Brochure from Manav Rachna Campus, Administrative Headquarters or City Centers, details of which are available on Manav Rachna website. Admission Brochure contains a Scratch Card (voucher code) consisting of a covered number, which will facilitate submission of application form online. Admission Brochure without Scratch Card (voucher code) may be downloaded from Manav Rachna website free of cost. Once online application for admission is submitted successfully, the system will generate a unique application number which must be noted by the candidates as the same shall act as a Reference Number for all subsequent correspondence till the candidate is actually admitted.

DIRECTIONS FOR FILLING ONLINE APPLICATION FORM

1. Read Instructions for filling up Online Application Form carefully on the opening page after you Click 'Apply Now' on the Manav Rachna website Home Page.
2. Keep a Digitized Photograph ready on your Computer Desktop for uploading with maximum 80 KB memory, 30mm x 45mm in size in a formal dress against plain background. Candidates are advised to avoid photographs in T-Shirts/ Tops/Flashy Clothing because this photograph will be used for all subsequent transactions including preparations of ID Card and Academic Transcripts. Also keep ready scanned copy of Secondary School Examination Certificate (10th as proof of Date of Birth), Senior Secondary School Examination Certificate (10+2 mark sheet), final year consolidated mark sheet/Provisional Certificate Degree/Diploma Certificate of the qualifying examination, if any.
3. Fill-up all fields with the correct information. Applicant's Detail & Parent's detail as per the last qualifying examination. Do not use all Capital/ Small Letters. Use Sentence case. Mandatory fields are marked with Asterisks, without which application will not be submitted. You will have the liberty to edit certain fields as directed by the format including Address, Mobile Number, 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 qualifying MRNAT or any other equivalent exam accepted by Manav Rachna and for GD/ PI, wherever indicated.

NOTIFICATION OF SCHEDULE FOR PHYSICAL COUNSELING FOR ADMISSION

1. The detailed admission calendar is appended at Page No. 82 of this brochure.
2. Candidates are advised to look for notices / alerts by clicking the 'Admissions' Tab on Manav Rachna website.
3. MRNAT Results and Merit List for various courses/ program shall be available on the MRIIRS Website. Schedule for Physical Counseling for Admission and other related information will also be made available on the website as & when published.

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 (to be taken back by the candidate after verification) along with two sets of attested photocopies at the time of reporting for admission:
 - a. Secondary School Examination Certificate (10th) - as proof of Date of Birth.
 - b. Senior Secondary School Examination Certificate (10+2 mark sheet).
 - c. Final year consolidated mark sheet / all semester 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, if any.
 - f. Four passport size coloured photographs in formal dress.
 - g. Aadhar Card
 - h. Certificate of having studied in English medium from class 8th to class 12th Or Certificate IELTS composite score at 6.0 with individual score not less than 5.5 (Only for B.Sc.IT and BBA (Global) IB program)

In addition to the documents mentioned above, all the admitted students will be required to submit following documents (attested photocopies) 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 (Aadhar Card/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 MRIIRS 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 (Attested Photocopy).
 - f) Any other pending document required/ notified later.
3. On the day of physical counseling, candidates shall report on the Registration Desk, arrange documents in the specified sequence in the file cover given on the spot, appear before the Document Verification Committee for verification of documents & move to the Admission Committee, if otherwise eligible.
 4. 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 Card, online/ NEFT/ RTGS/ PayTM/ PNB Challan. Cheques shall not be accepted. Additional convenience charges are payable as per rules in case of payment is made through Credit Card.
 5. 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.
 6. If a candidate reports late for admission on the designated day and time, he / she will be offered the seat available at the time of his appearance before the Admission Committee.
 7. All Candidates are advised to report on the day of physical counseling in a formal and presentable dress as a fresh photograph may be required to be clicked on the spot.
 8. As per guidelines of Regulatory Bodies, original certificates are not retained in Institution and the same are returned to the candidates on the spot after verification.



PREPARATION OF MERIT LIST

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

1. For B.Tech Program, the merit list shall be prepared on the basis of marks scored in JEE-Main 2018 examination as first preference and merit in Uni-GAUGE -E 2018 as second preference, and on the basis of marks scored in qualifying examination as third 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 non-availability of requisite data.
2. For Admission in all other UG Programs (other than B.Arch, B.Tech & B.Tech Lateral), 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 2018 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.
3. The ranks in the respective Merit List shall be available on the MRIIRS Website against Application Sequence Number generated by the system at the time of submission of online application
4. For UG Programs, admission shall be made only if the candidate has been declared pass in the qualifying examination clearly and meets the minimum required condition of marks as per eligibility criteria notified in the admission brochure for admission to that programme on the day of admission. 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 cutoff date of admission.
5. For PG Programs, candidates may be admitted provisionally subject to fulfillment of minimum eligibility criteria on or before 31.10.2018. 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.

- 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.

Please Note: Mere inclusion of name in the merit list does not confer any right on the candidate; the same is subject to fulfilling the eligibility criteria, as per Admission Rules and submission of relevant certificates for verification.

- For the purpose of determining minimum eligibility criteria, percentage of marks more than 0.50 and above shall be rounded off to 1.
- Reservation to Kashmiri Migrants and Students of Jammu and Kashmir- As per directions of UGC/MHRD, GOI.

MRNAT'18

MANAV RACHNA NATIONAL APTITUDE TEST 2018

MRNAT 2018 (Manav Rachna National Aptitude Test) across various disciplines shall be conducted by the Institution at a number of locations in India. Institution has deployed technology developed by one of India's leading assessment agencies to ensure fair and transparent conduct of online test. This test is not applicable for candidates seeking admissions to B.Tech (Normal) & M.Tech. At the time of filling up of the application form the candidate is required to select the examination centre where he/she is keen to appear in the 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 or in the exam hall prior to the examination through email. It is therefore advised not to share Email IDs and Password with others to avoid complications. The questions shall appear on the monitor and the candidates shall submit answers by using mouse only. The computer system is connected to a Central Server which delivers the test in real time without web connectivity. All other functions are disabled in the machine and there is no human involvement in the test. No formal computer knowledge is required to appear for the test. Other details and sample questions are also available on the MRNAT Tab of Institution website. The candidate will be intimated about the place, date and time of the test, through email and SMS well in time. The Institution will forward a link to the candidate to download the admit card.

For all Programmes, the test would be conducted at Manav Rachna Campus & other locations as given on the website.

For MRNAT dates please refer to Admission Calendar on page No. 84 in this brochure.

UNI-GAUGE - E 2018

'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 - E 2018 Examination

ERA Foundation is conducting Uni-GAUGE - E 2018 for students seeking admission to Engineering, Medical and Dental at undergraduate level. Scores obtained by students in the Uni-GAUGE - E 2018 examination is one of the eligibility criteria for admission to B.E/B.Tech, MBBS & BDS courses in Participating Member Universities.

ERA FOUNDATION Uni-GAUGE - E 2018

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

ASSISTANCE / FACILITIES TO CANDIDATES

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

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

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

PAYMENT OF FEES

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

- First Installment: At the time of admission
- Second Installment: On or before 14th November 2018

SCHEDULE OF PAYMENT OF FEES IN SUBSEQUENT YEARS

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

BANK DETAILS

Name of the Bank: Punjab National Bank
 Address: Manav Rachna International University, Faridabad, Haryana.
 Account Name: Manav Rachna International University
 Swift Code: PUNBINBBFNB
 Account No. 8895009300000015
 IFSC Code: PUNB0889500

For Account Name, Swift Code & Account No. please refer to MRIIRS website.

Instruction for students opting BBA (Global) IB, B.Sc. IT and B.Sc. ID Program
 The students will be required to open an account in PNB Branch located at Sector-43 campus to enable the University to have a clear record of their balance refund amount after the payment of their Foreign Educational Institution fee through Thomas Cook India Limited, New Delhi to AIS St. Helens, New Zealand for BBA (G)-IB & B.Sc. IT Programs and Algonquin College, Canada for B.Sc. ID Program.

For the above purpose, students of above Programs are expected to be in possession of their Aadhar Card and PAN Card while reporting for Physical Counselling for Admissions.

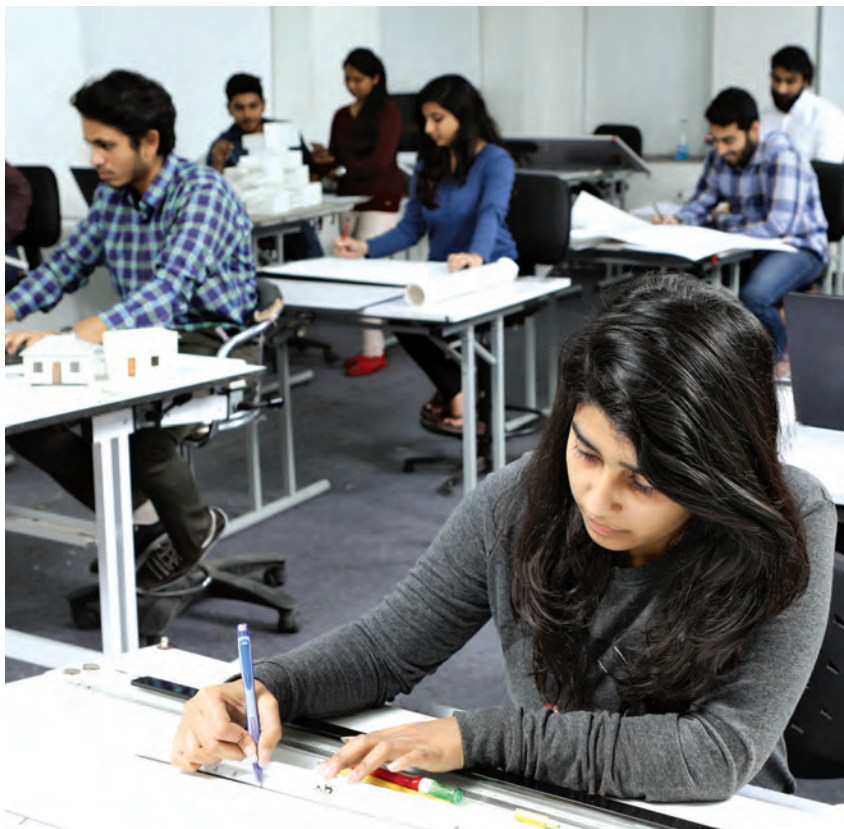
Assistance, if any in opening the account will be provided by IEC Coordinator/ Centralized Account Department (CAD).

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 Institution 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.

PROCEDURE FOR CHANGE OF PROGRAM

Consequent to Admission, if any student is desirous of seeking admission to any other program being run in the Institution, he/she will have to put in an application to the respective Dean of the Faculty. Thereafter, the case will be processed on file and case referred to Dean of the faculty in which Admission is sought, who may concur or otherwise. If concurred by the



Dean of the Faculty to which the admission is sought, the file will be forwarded to Director Admissions for getting the program changed. In all such cases a processing charge of Rs. 3000/- will apply.

SCHOLARSHIP/ FREESHIP POLICY

The MRIIRS offers Scholarships to students on the basis of marks/CGPA in the qualifying examination as per following criteria:

UG level Courses (Except B.Tech. Mechanical 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. Mechanical Engg. Industry Integrated

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

PG level Courses

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

- For purpose of Scholarship/tuition fee waiver, the marks will not be rounded off to the next higher figure and calculation of percentage of marks shall be made on the basis of eligibility subjects in the qualifying examination (same number of subjects).
- 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 (each) semesters without having any compartment in any subject and minimum 75% attendance in each semester, failing which the Scholarships awarded shall be withdrawn.
- 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 Manav Rachna Educational Institutions and wards of faculty / staff member of any of the 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 Institute of Research and Studies.

MERIT SCHOLARSHIP OTHER THAN SCHOLARSHIP/ FREESHIP

In order to motivate the students for better and sustained academic performance MRIIRS offers Merit Scholarship other than Scholarship/ free ship enumerated below, for students securing first, Second and Third positions in the Odd & Even semester exams (based on the amalgamated SGPA/ CGPA) every year for each programme being run at MRIIRS, as under:

- a) First Position : 25% of Tuition Fee or Rs. 25000/- which ever is less
- b) Second Position : 15% of Tuition Fee or Rs. 15000/- whichever is less
- c) Third Position : 10% of Tuition Fee or Rs. 10000/- whichever is less

The following are the guidelines for granting these Merit Scholarships:

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

STUDENT STAFF & ALUMNI WELFARE FUND (SSAWF)

1. The young and the budding talent in MREI should not go a begging for want of resources in the field of technical education, research in physical science, social science & 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 & 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 knots 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 honor 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.

POLICY FOR WITHDRAWAL AND REFUND OF FEES

Refund of Fees is governed in accordance with guidelines/ notification laid down in the UGC letter No:D.O.1-3/2007 (CPP-II), dated: 06th December, 2016 (Remittance and Refund of Fees and Other Student-centric Issues available on website www.manavrachna.edu.in. under Withdrawal and Refund of fees).

Candidates may withdraw their admission by submitting a request of withdrawal application in person along with the original copy of Admission letter, Receipt of the fee deposited and Temporary identity card issued at the time of admission to the office of the Registrar, MRIIRS through Deputy Registrar, Registration & Scholarships, MRIIRS in Block-'F' Ground Floor, MRIIRS Campus for which he/she must obtain acknowledgement.

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, Registration & Scholarships, MRIIRS at the time of receipt of Withdrawal application.

A student admitted in the MRIIRS shall be required to pay the fee for the entire duration of the course on annual basis in two installments. If a student is detained due to whatsoever reason, he/ she shall be required to pay the fees again, when he/she is re-admitted, as per rules/ policy.

Once a candidate has been admitted and has reported to respective faculty, all further dealings including withdrawal are to be made through the respective head of the faculty/ Registrar of the MRIIRS.

INSTRUCTIONS FOR CURBING RAGGING

As per orders of the Hon'ble Supreme Court, UGC Regulations on curbing the menace of Ragging in Higher Educational Institutions, 2009 and The Haryana Prohibition of Ragging in Educational Institutions Ordinance, 2012 (available on the Manav Rachna Website) 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 Institution. All affected students are at liberty to approach Anti Ragging Committee/ Squads on Telephone Numbers prominently displayed in the Institution.

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 in-disciplined 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 Institution 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 75% 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 Institution 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 Institution 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.

Institution has zero tolerance for indiscipline in and outside the campus by the students. Drinking, taking drugs, damaging Institution 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 Institution may be taken against the defaulting students.

GENERAL INSTRUCTIONS

It is the responsibility of the applicant that the form is complete in all respects before the last date of submission.

In case the applicant has applied prior to declaration of results of qualifying examination or any examination to be considered for drawing up the merit list of the programme applied for, it is his/her responsibility to ensure that result of the examination is uploaded/included in the application form within 3 days of declaration of such result. Non Submission of such details may result in non-inclusion of the candidate in the merit lists.

The student would be liable for necessary action as deemed fit by the MRIIRS 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. MRIIRS may also take further action as deemed fit against such candidate and/ or his/ her parents / guardians as considered suitable.

Manav Rachna International Institute of Research and Studies presently follows the reservation policy as under: NRI/ Foreign National/PIO seats: 15% in all programmes/ courses. General Seats: 85%.

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 physical counseling in support of the claims made. All fees are payable through Demand Draft in the name of Manav Rachna International Institute of Research and Studies payable at Faridabad/ Delhi. Students may please ensure that fees are only paid to the Accounts Department, and a receipt obtained on the spot.

The admission made by MRIIRS shall be provisional, till the same is confirmed by the Registration Branch of the Institution.

If the Institution Authorities are not satisfied with the character, past behavior and antecedents of a candidate, they may refuse to admit him/her in the Institution. In order to ensure academic standards, discipline and congenial atmosphere in the Institution, the Vice-Chancellor of the Institution/ 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 Institution 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 Institution 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 Institution 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. Last Date of Admissions for the B.Tech, MCA, MBA and Architecture will be 15 August 2018. For other programmes the last date of Admissions is 30th September 2018.

All applicants are instructed to follow the MRIIRS 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.

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



PROGRAMS OFFERED AT MRIIRS

The details of programmes offered at MRIIRS including intake, fees, minimum eligibility criteria and criteria for preparation of merit list are tabulated below:

FACULTY OF ENGINEERING AND TECHNOLOGY (FET)									
S. No.	Name of the Programme	Duration	Intake	FEES (per annum) for Indian Nationals in Rupees	FEES (per annum) in US \$ for PIO/NRI Students	Minimum Eligibility Criteria	Criteria for Preparation of Merit List - Preference Wise		
							I	II	III
Bachelor of Technology & Bachelor of Science									
1.	Aeronautical Engg. (See Note 2)	4 Yrs	30	1,81,500	US \$5000	Pass in 10+2 examination with at least 50% 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	JEE Mains 2018 Score	Merit in Uni GAUGE - E 2018 (See Note 1)	Marks in Qualifying Examination
2.	Automobile Engg. (See Note 2)		30	1,81,500	US \$5000				
3.	Civil Engg.		60	1,81,500	US \$5000				
4.	Computer Science and Engg. (See Note 2)		240	1,81,500	US \$5000				
5.	Electrical & Electronics Engg. (See note4)		30	1,81,500	US \$5000				
6.	Electronics & Communication Engg. (See Note 2)		60	1,81,500	US \$5000				
7.	Mechanical Engineering (See Note 2)		120	1,81,500	US \$ 5000				
8.	Biotechnology		30	1,81,500	US \$ 5000				
9.	B.Sc. - Data Science	3 Yrs	30	1,26,000	US \$ 3300	Minimum 50% marks in aggregate in Higher Secondary level XIIth with Mathematics as one of the subjects	Merit in MRNAT 2018	Marks in Qualifying Examination	
Sub Total			630						

FACULTY OF ENGINEERING AND TECHNOLOGY (FET)								
S. No.	Name of the Programme	Duration	Intake	FEES (per annum) for Indian Nationals in Rupees	FEES (per annum) in US \$ for PIO/NRI Students	Minimum Eligibility Criteria	Criteria for Preparation of Merit List - Preference Wise	
							I	II
Bachelor of Technology (Lateral Entry)								
1.	Aeronautical Engineering	3 Yrs	3*	1,71,500		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	Merit in MRNAT 2018	Merit in Qualifying Exam
2.	Automobile Engineering		3*	1,71,500				
3.	Biotechnology		3*	1,71,500				
4.	Civil Engineering		6*	1,71,500				
5.	Computer Science and Engg.		12*	1,71,500				
6.	Computer Science and Engineering In association with IBM in any one of the following specializations: (See Note-3) a. Cloud Computing b. Cyber Security & Forensics c. Business Analytics and Optimization d. Graphics and Gaming Technology		12*	2,01,500				
7.	Electronics & Communication Engineering (See Note-2)		6*	1,71,500				
8.	Electrical & Electronics Engineering (See Note-4)		3*	1,71,500				
9.	Mechanical Engineering (See Note-5)		9*	1,71,500				
10.	Mechanical Engineering in association with JBM (See Note-5)		3*	2,36,500				
Sub Total			60	*In addition to above seats of the sanctioned intake of various B.Tech Normal Entry Programmes of AY 2017-18, admissions in B. Tech Lateral Entry shall also be made against the seats remaining vacant in 1st year of AY 2017-18				

FACULTY OF ENGINEERING AND TECHNOLOGY (FET)								
S. No.	Name of the Programme	Duration	Intake	FEES (per annum) for Indian Nationals in Rupees	FEES (per annum) in US \$ for PIO/NRI Students	Minimum Eligibility Criteria	Criteria for Preparation of Merit List - Preference Wise	
							I	II
Master of Technology and Master of Science								
1.	M.Tech. Biotechnology	2 Yrs	18	1,06,000	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	Merit in Qualifying Exam
2.	M.Tech. Mechanical Engineering	2 Yrs	18	1,06,000	US \$ 3300	Minimum 55% Marks or equivalent CGPA in B.Tech. in any discipline		
3.	M.Tech. Electronics and Communication Engineering	2 Yrs	18	1,06,000	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 Msc Electronics / Physics with Electronics as one of the subjects		

FACULTY OF ENGINEERING AND TECHNOLOGY (FET)								
S. No.	Name of the Programme	Duration	Intake	FEES (per annum) for Indian Nationals in Rupees	FEES (per annum) in US \$ for PIO/NRI Students	Minimum Eligibility Criteria	Criteria for Preparation of Merit List - Preference Wise	
							I	II
Master of Technology and Master of Science								
4.	M.Tech. Computer Engineering and Networking	2 Yrs	18	1,06,000	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	Merit on the basis of Valid GATE	Merit in Qualifying Exam
5.	M.Tech. Power Electronics & Electrical Drives	2 Yrs	18	1,06,000	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	2 Yrs	24	1,06,000	US \$ 3300	Minimum 55% Marks or equivalent CGPA in B.Tech.-Civil Engg.		
7.	M.Sc. Biotechnology		20	1,06,000	US \$ 3300	Minimum 50% marks in B.Sc. with any subject related to Life Sciences		
Sub Total			134					

NOTES:

- For details of Uni GAUGE - E 2018 and its schedule please refer to page no. 70 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 also offers B.Tech.-Computer Science & Engineering In association with IBM with specializations in Cloud Computing, Business Analytics & Optimization, Cyber Security & Forensics and Graphics and Gaming Technology. IBM, which is a well known multinational conglomerate having a turnover of more than US\$ 100 billion and worldwide business in computer hardware/software, IT services and consulting shall deliver 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 MRIIRS degree.
- B.Tech in Electrical & Electronics Engg. In association 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- Mechanical Engg. is also offered jointly 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 ARCHITECTURE AND DESIGN (FAD)								
S. No.	Name of the Programme	Duration	Intake	FEES (per annum) for Indian Nationals in Rupees	FEES (per annum) in US \$ for PIO/NRI Students	Minimum Eligibility Criteria	Criteria for Preparation of Merit List-Preference Wise	
							I	II
1.	Bachelor of Architecture (B.Arch.) (See Note-6)	5 Yrs	40 (General -34 NRI-06)	2,55,500	US\$5500	10+2 or equivalent from a recognized Board/University with Mathematics as subject of examination and also obtained at least 50% aggregate marks in 10+2 level examination. Or Candidates with 10+3 Diploma (any stream) recognized by central / State Governments with Mathematics as compulsory subject and obtained 50 % in aggregate marks. Or 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 or 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	
2.	B.Sc Interior Design (See Note-7)	3 Yrs	40	1,14,000+ CAS 814 as foreign fee component	US\$3300+ CAS 814 as foreign fee component	Pass in 10+2 Examination / Equivalent Examination with at least 50% marks in aggregate in 5 subjects including English as compulsory subject along with 4 subjects with the highest score out of the remaining subjects	Merit in MRNAT 2018	
Sub Total			80					

NOTES: 6. 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.

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.

7. B.Sc. Interior Design program is offered in collaboration with Algonquin College, Ottawa, Canada. Student studying in B.Sc Interior Design program at MRIIRS can get enrolled in Algonquin College, Ottawa, Canada in 2nd or 3rd year for which the credits earned at MRIIRS shall get transferred to Algonquin College, Ottawa.

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/NRI Students	Minimum Eligibility Criteria	Criteria for Preparation of Merit List - Preference Wise	
							I	II
1.	Bachelor of Computer Applications (BCA) (See Note 8)	3 Yrs	120	1,26,500	US \$ 3300	Pass in 10+2 Examination/ Equivalent Examination with at least 50% marks in aggregate in 5 subjects including English as compulsory subject along with 4 subjects with the highest score out of the remaining subjects	Merit in MRNAT 2018	Marks in Qualifying Examination
2.	Bachelor of Science - Information Technology (See Note 9)	3 Yrs	30	1,39,500 + NZS 900 each for First two years and NZS 800 in Third year as foreign fee component	US \$ 3300 + NZS 900 each for First two years and NZS 800 in Third year as foreign fee component	Pass in 10+2 Examination / Equivalent Examination with at least 50% marks in aggregate in 5 subjects including English as compulsory subject along with 4 subjects with the highest score out of the remaining subjects plus (a) having studied in English Medium from 8th to 12th class or (b) IELTS composite score at 6.0 with individual score not less than 5.5		
3.	Master of Computer Applications (MCA) (See Note 8)	3 Yrs	60	1,26,500	US \$ 3300	50% marks in any discipline in Graduation from a recognized university with Mathematics either at 10+2 Level/Graduation Level		
Sub Total			210					

NOTES: 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.

9. B.Sc- Information Technology is being offered in collaboration with Auckland Institute of Studies (AIS), Auckland, New Zealand, a unique tertiary institution providing NZQA Accredited UG and PG level programmes. AIS has partnered with MRIIRS to provide curriculum and accreditation support for B.Sc (IT). The students admitted in B.Sc- Information Technology programme shall undergo 4-week study abroad programme/ internship at AIS Auckland, New Zealand as a part of their programme.

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/NRI Students	Minimum Eligibility Criteria	Criteria for Preparation of Merit List - Preference Wise	
							I	II
1.	Bachelor of Physiotherapy (BPT)	4½ Yrs (including 6 month compulsory internship)	90	1,71,000	US \$ 3300	Pass in 10+ 2 Examination / Equivalent Examination with at least 50% marks in aggregate in 5 subjects including English, Physics, Chemistry & Biology and One subject with the highest score out of the remaining subjects	Merit in MRNAT 2018	Marks in Qualifying Examination
2.	Master of Physiotherapy (MPT) (with specialization in Musculoskeletal, Sports, Cardiopulmonary, Neurology)	2 Yrs	20	1,26,000	US \$ 3300	50% marks in aggregate in Bachelor of Physiotherapy from a recognized university		
3.	B.Sc. - Nutrition & Dietetics	3 Yrs (including 2 month clinical / industrial training)	75	1,26,000	US \$ 3300	Pass in 10+ 2 Examination / Equivalent Examination with at least 50% marks in aggregate in 5 subjects including English as compulsory subject along with 4 subjects with the highest score out of the remaining subjects		
4.	M.Sc. - Nutrition & Dietetics	2 Yrs	50	1,26,000	US \$ 3300	50% marks in aggregate in graduation from a recognized university, Bachelor's degree in nutrition, Home Science, Nursing Food Technology, Medical Lab Technology, Biochemistry, Microbiology, Physiology, Zoology, Physiotherapy, Medicine, Dental Science, Life Sciences, Sports Science or equivalent examination		
Sub Total			235					

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/NRI Students	Minimum Eligibility Criteria	Criteria for Preparation of Merit List - Preference Wise	
							I	II
1.	Bachelor of Business Administration (BBA) General (See Note 10)	3 Yrs	120	1,61,000	US \$ 3300	Pass in 10+ 2 Examination/ Equivalent Examination with at least 50% marks in aggregate in 5 subjects including English as compulsory subject along with 4 subjects with the highest score out of the remaining subjects	Merit in MRNAT 2018	Marks in Qualifying Examination
2.	Bachelor of Business Administration (Banking & Financial Markets) (See Notes 10 & 11)	3 Yrs	60	1,64,500	US \$ 3300	Pass in 10+ 2 Examination/ Equivalent Examination with at least 50% marks in aggregate in 5 subjects including English as compulsory subject along with 4 subjects with the highest score out of the remaining subjects		
3.	Bachelor of Business Administration (Global) - International Business (See Notes 10 & 12)	3 Yrs	60	1,51,000 + NZ\$ 800 each for First two years and NZ\$ 700 in Third year as foreign fee component	US \$ 3300 + NZ\$ 800 each for First two years and NZ\$ 700 in Third year as foreign fee component	Pass in 10+ 2 Examination/ Equivalent Examination with at least 50% marks in aggregate in 5 subjects including English as compulsory subject along with 4 subjects with the highest score out of the remaining subjects plus (a) having studied in English Medium from 8th to 12th class or (b) IELTS composite score at 6.0 with individual score not less than 5.5		
4.	Bachelor of Commerce (Hons.) (See Note 10)	3 Yrs	100	1,26,000	US \$ 3300	Pass in 10+ 2 Examination/ Equivalent Examination with at least 50% marks in aggregate in 5 subjects including English as compulsory subject along with 4 subjects with the highest score out of the remaining subjects		

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/NRI Students	Minimum Eligibility Criteria	Criteria for Preparation of Merit List - Preference Wise	
							I	II
5.	M.Com	2 Yrs	20	1,26,000	US \$ 3300	50% marks in aggregate in B.Com, BBA (any stream) & BA Economics from a recognized university	Merit in MRNAT 2018	Marks in Qualifying Examination
Sub Total			360					

NOTES: 10. 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.

11. BBA (Banking and Financial Markets) is conducted in association with ICICI Direct Centre for Financial Learning (ICFL). One course in every semester is delivered by ICFL experts.

12. BBA-(Global) International Business is being offered in collaboration with Auckland Institute of Studies (AIS), Auckland, New Zealand, a unique tertiary institution providing NZQA Accredited UG and PG level programmes. AIS has partnered with MRIIRS to provide curriculum and accreditation support for BBA-(Global) International Business. The students admitted in BBA (Global)-International Business programme shall undergo 4-week study abroad programme/ internship at AIS Auckland, New Zealand as a part of their programme.

13. 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/NRI Students	Minimum Eligibility Criteria	Criteria for Preparation of Merit List - Preference Wise	
							I	II
1.	BA-Journalism & Mass Communication	3 Yrs	90	1,35,500	US \$ 3300	Pass in 10+2 Examination/ Equivalent Examination with at least 50% marks in aggregate in 5 subjects including English as compulsory subject along with 4 subjects with the highest score out of the remaining subjects	Merit in MRNAT 2018	Marks in Qualifying Examination
2.	MA-Journalism & Mass Communication	2 Yrs	20	1,35,500	US \$ 3300	50% marks in any stream at Graduation level from a recognized university with pass in English in 10+2		
3.	BA-English (Hons)	3 Yrs	60	1,11,000	US \$ 3300	Pass in 10+2 Examination / Equivalent Examination with at least 50% marks in aggregate in 5 subjects including English as compulsory subject along with 4 subjects with the highest score out of the remaining subjects		
4.	MA- English	2 Yrs	20	1,06,000	US \$ 3300	50% marks in any stream at Graduation level from a recognized university with pass in English in 10+2		
5.	Bachelor of Visual Arts	4 Yrs	40	3,45,500	US \$ 5500	Pass in 10+2 Examination / Equivalent Examination with at least 50% marks in aggregate in 5 subjects including English as compulsory subject along with 4 subjects with the highest score out of the remaining subjects		
6.	PG Diploma in Advertising & Public Relation	1 Yr	20	1,36,000	US \$ 3300	50% marks in any stream at Graduation level from a recognized university with pass in English in 10+2		
Sub Total			250					

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/NRI Students	Minimum Eligibility Criteria	Criteria for Preparation of Merit List - Preference Wise	
							I	II
1.	MBA	2yrs	180	2,64,500	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 weight ages: Marks in Class X-10% Marks in Class XII-10% Marks in Graduation- 10% Behavior Skill Test-10% Marks in Entrance Test 25% GD/Essay-10% Personal interview - 20% Work Experience/ Extra Curricular Activities - 5%		NA
A.	Master of Business Administration (with Dual Specialization-Finance (in collaboration with KPMG), Marketing, Human Resource, International Business, Business Analytics, Information Technology, Digital Marketing, Entrepreneurship, Events & Media) (Seats: 120) (See Note 14, 15, & 16)							
2.	Bachelor of Science - Hospitality & Hotel Administration	3 yrs	60	1,41,000	US \$ 3300	Pass in 10+2 Examination / Equivalent Examination with at least 50% marks in aggregate in 5 subjects including English as compulsory subject along with 4 subjects with the highest score out of the remaining subjects	Merit in MRNAT 2018	Marks in Qualifying Examination
Sub Total			240					

NOTES:

- MBA Admissions shall be based on All India Entrance Tests (CAT/MAT/XAT/any other equivalent test) and GD/PI.
 - Candidates can apply on the prescribed form on the basis of valid score of above tests.
 - GD/PI will be conducted in batches from 08th January 2018 onwards
 - Merit List will be displayed on 29th January 2018. Candidates are required to take admission/ deposit the fees within 04 days of display of the merit list
 - Walk-ins counseling will continue till last date of admissions viz. namely 15 August 2018 or till all seats are filled up whichever is earlier.
 - Classes will commence from 18 June 2018.
- 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.
- 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 weight age 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 MRIIRS 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.

FACULTY OF BEHAVIORAL & SOCIAL SCIENCES (FBSS)								
S. No.	Name of the Programme	Duration	Intake	FEES (per annum) for Indian Nationals in Rupees	FEES (per annum) in US \$ for PIO/NRI Students	Minimum Eligibility Criteria	Criteria for Preparation of Merit List - Preference Wise	
							I	II
1.	BA - 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 Yrs	60	1,11,000	US \$ 3300	Pass in 10+2 Examination/ Equivalent Examination with at least 50% marks in aggregate in 5 subjects including English as compulsory subject along with 4 subjects with the highest score out of the remaining subjects	Merit in MRNAT 2018	Marks in Qualifying Examination
2.	B.A. (Hons)-Economics	3 Yrs	30	1,11,000	US \$ 3300	Pass in 10+2 Examination / Equivalent Examination with at least 50% marks in aggregate in 5 subjects including English as compulsory subjects along with 4 subjects with the highest score out of the remaining subjects		

FACULTY OF BEHAVIORAL SOCIAL SCIENCES (FBSS)								
S. No.	Name of the Programme	Duration	Intake	FEES (per annum) for Indian Nationals in Rupees	FEES (per annum) in US \$ for PIO/NRI Students	Minimum Eligibility Criteria	Criteria for Preparation of Merit List - Preference Wise	
							I	II
3.	B.A.- Liberal Arts	3 Yrs	30	1,11,000	US \$ 3300		Merit in MRNAT 2018	Marks in Qualifying Examination
4.	MA - Applied Psychology with specializations in following areas: Clinical, Counseling, Industrial and Organizational, Educational, Health, Sports, Psychological Assessment and Psychometric Testing, Personality Assessment, Social., Cognitive & Perceptual, Community, Consumer, Developmental, Engineering, Environmental, Evolutionary, Experimental, Forensic & Criminal, Neuropsychology, Rehabilitation & School Psychology	2 Yrs	20	1,06,000	US \$ 3300	50% marks in Bachelor Degree in any discipline from a recognized University.		
5.	Master of Social Work	2 Yrs	20	1,06,000	US \$ 3300	50% marks in Bachelor Degree in any discipline from a recognized University.		
	Sub Total		160					

MRIIRS ADMISSIONS CALENDAR 2018-19

DESCRIPTION	NAME OF THE PROGRAMME				
	MBA	B.Tech	All UG Programmes Except B.Arch, B.Tech- Lateral Entry	B.ARCH	B.Tech-lateral Entry and all PG Programmes other Than MBA
Sale of Application forms open	21.11.2017*** (Tuesday)			17.12.2017 (Sunday)	
Last Date of Receipt of Application Forms	25.01.2018 (Thursday)	30.05.2018 (Wednesday)	31.05.2018 (Thursday)	09.06.2018 (Saturday)	27.06.2018 (Wednesday)
GD/PI in Batches	08.01.2018 (Monday) onwards				
Date of Uni-GAUGE - E 2018* (only for B.Tech)		13.05.2018 (Sunday)			
Declaration of result for Uni-GAUGE - E 2018		28.05.2018 (Monday)			
Date of conduct of NATA (for B.Arch candidates only)				29.04.2018 (Sunday)	
Date of MR-NAT & GD/PI** in batches (wherever applicable)			02.06.2018 (Saturday) & 03.06.2018 (Sunday) (MRNAT+ GDPI)		30.06.2018 (Saturday) for B.Tech Lateral Entry & all PG Programmes other than M.Tech & MBA (MRNAT+ GDPI)
Display of Merit List for Physical Counseling	29.01.2018 (Monday)	07.06.2018 (Thursday)	07.06.2018 (Thursday)	14.06.2018 (Thursday)	02.07.2018 (Monday)
Physical Counseling cum Admissions	31.01.2018 (Wednesday)	12.06.2018 to 14.06.2018 (Tuesday to Thursday)	12.06.2018 to 14.06.2018 (Tuesday to Thursday)	18.06.2018 to 19.06.2018 (Monday & Tuesday)	05.07.2018 to 06.07.2018 (Thursday to Friday)
Walk-in counseling for the seats remaining vacant	01.02.2018 (Thursday)	15.06.2018 (Friday) onwards	15.06.2018 (Friday) onwards	20.06.2018 (Wednesday) onwards	07.07.2018 (Saturday onwards)
Classes Commence	18.06.2018 (Monday)	09.07.2018 (Monday)	11.07.2018 (Wednesday)	11.07.2018 (Wednesday)	16.07.2018 (Monday)

*For details of Uni-GAUGE - E 2018 and its schedule please refer to Page no. 72 of this Admission Brochure

**For details of MR-NAT 2018 please refer to page no. 72 of this Admission Brochure

***For MBA Admissions see notes on page 83 of this Admission Brochure

SCHEDULE OF PAYMENT OF FEES-BATCH 2018-19

Faculty	Course	Tuition Fee	Development Fee	University Fee*	Student Resource Fee	Training Partner Fee	Total of 1st Installment	Total of 2nd Installment	Total Fee
FET	B.Tech	55000	35000	12000	24500	0	126500	55000	181500
	B.Tech (Lateral Entry)	50000	35000	12000	24500	0	121500	50000	171500
	B.Tech- Mechanical Engg. in association with JBM	55000	35000	12000	15500	74000	191500	55000	246500
	B.Tech- Mechanical Engg. in association with JBM (Lateral Entry)	50000	35000	12000	15500	74000	186500	50000	236500
	B.Tech- Computer Science & Engg. with various specializations in association with IBM (Lateral Entry)	50000	35000	12000	24500	30000	151500	50000	201500
	B.Sc-Data Sciences	37500	25000	12000	14000	0	88500	37500	126000
	M.Tech	27500	25000	12000	14000	0	78500	27500	106000
	M.Sc. - Biotechnology	27500	25000	12000	14000	0	78500	27500	106000
FAD	B.Arch	90000	35000	12000	28500	0	165500	90000	255500
	B.Sc. - Interior Design	30000	25000	12000	17000	CAN \$814	84000 + CAN \$814	30000	114000 + CAN \$ 814**
FMS	MBA	85000	35000	12000	23500	24000	179500	85000	264500
	B.Sc. - Hospitality and Hotel Administration	45000	25000	12000	14000	0	96000	45000	141000
FCA	BCA	35000	25000	12000	19500	0	91500	35000	126500
	B.Sc.-IT	30000	25000	12000	17500	25000 + NZ\$900	109500 + NZ\$900	30000	139500 + NZ\$900**
	MCA (3 Years)	35000	25000	12000	19500	0	91500	35000	126500
	MCA- Lateral (2 Years)	35000	25000	12000	19500	0	91500	35000	126500
FMeH	B.A - Journalism and Mass Communication	37500	25000	12000	23500	0	98000	37500	135500
	M.A - Journalism and Mass Communication	37500	25000	12000	23500	0	98000	37500	135500
	BA- Hons. - English	30000	25000	12000	14000	0	81000	30000	111000
	MA - English	27500	25000	12000	14000	0	78500	27500	106000
	Bachelor of Visual Arts	95000	80000	12000	63500	0	250500	95000	345500
	PG Diploma in Advertising & Public Relation	35000	25000	12000	14000	15000	101000	35000	136000
FCBS	BBA	55000	25000	12000	14000	0	106000	55000	161000
	BBA-Banking & Financial Markets	50000	25000	12000	14000	13500	114500	50000	164500
	BBA- Global - IB	37500	25000	12000	14000	25000 + NZ\$800	113500 + NZ\$800	37500	151000 + NZ\$800**
	B.Com- Hons.	37500	25000	12000	14000	0	88500	37500	126000
	M.Com	37500	25000	12000	14000	0	88500	37500	126000
FAS	BPT	55000	35000	12000	14000	0	116000	55000	171000
	MPT	37500	25000	12000	14000	0	88500	37500	126000
	B.Sc.- N&D	37500	25000	12000	14000	0	88500	37500	126000
	M.Sc.- N&D	37500	25000	12000	14000	0	88500	37500	126000
FBSS	MA - Applied Psychology	27500	25000	12000	14000	0	78500	27500	106000
	BA - Applied Psychology	30000	25000	12000	14000	0	81000	30000	111000
	BA- (Hons.)- Economics	30000	25000	12000	14000	0	81000	30000	111000
	BA- Liberal Arts	30000	25000	12000	14000	0	81000	30000	111000
	Master of Social Work	27500	25000	12000	14000	0	78500	27500	106000

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

**This component represents IEC facilitation fee and includes the amount payable to the International Academic Partner.Modalities for payment of this component will be shared with Admitted students.



ALUMNI / STUDENT SPEAK

MUPULU HOUME DANIEL

B.Sc-IT (2013 Batch)

It is been an amazing journey in Manav Rachna International Institute of Research and Studies (formerly MRIU) throughout the time I have spent here. I am confident that I have gathered enough knowledge and skills to become a successful IT professional.

AJMAL PAKTIAWAL

M.Tech Civil Engineering with specialization in structural Engineering (Batch 2015-17)

I am grateful to MRIU Faculty for instilling in me the confidence and the grooming which I received during my M.Tech programme. The Faculty and staff have been very helpful and supportive. The message that I have for colleagues and students is "Work Hard and believe in yourself, result will follow"

MUASAMBE MUDIMBA STEVE

BBA Global (IB)-2013 Batch

It is been a wonderful experience in Manav Rachna International Institute of Research and Studies (formerly MRIU). throughout time I spent here. It helped me to understand the life in a good direction. I really appreciated the teachers here and I am confident that I have gathered enough knowledge and skills to become a successful person.

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 & 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.

AZADA BARAKZAI

B.Tech Civil (Batch 2013-17)

I am very grateful to MRIIRS (formerly MRIU) for everything I have gained or experience in these 4 Years. The education part has been great no doubt but there is something bigger that connects me to this Institution which is the fact that I have never felt like I am away from home.

PAYAL BALI

FMS, (MBA 2014)

As a Institution, Manav Rachna is superlative and I feel proud to have been a part of its culture & 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 Institution and know Manav Rachna played a vital role in preparing me for the future.

PRIYANKA AGGRAWAL

FAS Batch-B.Sc N & D 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 & how food impacts the population.

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 & it was a privilege to be their student. I enjoyed my days at MRIU to the hilt & will always cherish the bygone years.

SHRUTI PIPLANI

MPT alumni (Batch 2013-2015)

Consultant Physiotherapist, Qi Spine The Deptt. of Physiotherapy, FAS, MRIIRS (formerly 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 MRIIRS (formerly MRIU).

RASHMI PANDIT

BPT (Batch 2010-2014)

Pursuing BPT course in MRIIRS (formerly MRIU) is best thing to happen to me! I have had some of the best experience here. There is a healthy student- teacher ratio. The curriculum is evidence based with emphasis on never-ending practical & clinical training. Along with curricular activities a number of extracurricular activities are also organized from time to time making the learning experience more memorable. I owe a big Thanks to the teachers having lots of experience and willingness to share it.

VAISHALI SAINI

FAS Batch-M.Sc 2010 -2012,

Regional Trainer, Vestige Marketing Pvt. Ltd. The Department of Nutrition & 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 & is one of the best places to study Dietetics in the country. The course is excellent, although demanding at times but extremely rewarding.

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.

GAGAN NARANG

International record holder (Shooting)
FMS, (MBA 2010-2012)

I am proud to be associated with Faculty of Management studies, MRIIRS (formerly MRIU). It not only provides holistic education but also inculcates sports culture in the students

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 Institution.

SONAM CHAUDHARY

BPT alumni (Batch 2011-2015)

The Deptt. of Physiotherapy, FAS, MMRIIRS (formerly MRIU) 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.... "

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.

YOGESH CHOPRA

MPT

Rigorous clinical training program and approachable academic staff whose warmth and dedication contradict their achievements & prestigious qualifications. A platform is provided for international exposure in the form of student teacher exchange program conducting various international workshops, seminars and conferences from experienced international faculty to develop the professional skills required for this booming profession. Now I am confident that I will step out having gained a solid foundation of knowledge & clinical acumen.

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!

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 classmates and teachers for teaching me real lessons of life.

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.

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.

VARUN SINGH

Quality Evaluator-Converges,
Gurgaon (Batch-2011-2014)

"My experience at Manav Rachna taught me to take risks. My course made me ready for the industry and I was prepared to meet the challenges of day to day life."

NEETU JOSHI

Senior Account Manager, Marketing and Advertising department - ISTRAT.
(Batch 2010-2013)

"Advertising is a challenging job & one has to keep abreast with the changing trends. My course at Manav Rachna taught me to be future ready & i had a smooth of sailing from my place of learning to my workplace."

NIKITA ARORA

CEO - Webnel (Batch 2009-2012)

"I am grateful to MRIIRS (formerly MRIU) and my Faculty for instilling in me the confidence and the grooming which I received during my studies. The message that I have for my colleagues and my juniors is - "Believe in yourself, have a milestone to achieve."

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.

IMPORTANT TELEPHONE NUMBERS

Vice Chancellor	0129 - 4198322
Pro Vice Chancellor	0129 - 4198385
Registrar	0129 - 4198373
Controller of Examination	0129 - 4268906
Dean-Academics & Dean-Faculty of Computer Applications	0129 - 4198370
Executive Director & Dean-Faculty of Engineering & Technology	0129 - 4198343
Dean- Faculty of Commerce & Business Studies	0129 - 4268874
Dean- Faculty of Management Studies	0129 - 4268935
Dean- Faculty of Applied Sciences	0129 - 4198461
Dean- Faculty of Media Studies & Humanities	0129 - 4198369
Dean- Faculty of Behavioral & Social Sciences	0129 - 4268912
Dean-Research	0129 - 4198312
Director-Admissions & IEC	0129 - 4198440
Dy. Director- Admissions & IEC	0129 - 4198306
Dean Students Welfare	0129 - 4268780
Executive Director Quality Assurance & Enhancement	0129 - 4198253
Dy. Director-II	0129 - 4268832
GM-II	0129 - 4268948
Director- Administration	0129 - 4198220
Director- Planning & Coordination, International Collaborations & Marketing	0129 - 4198219
Director- Corporate Resource and Career Management Cell	0129 - 4198231
Director- Sports	0129 - 4198458
Director- Marketing & Branding	0129 - 4198260
AGM-Central Accounts Department	0129- 4268756
General Enquiry (Campus)	0129 - 4198000, 4198100, 4198200, 4268500, 4268800
General Enquiry (Head Office)	0129 - 4198600
Admission Enquiry	0129 - 4259000 (30 Lines)

MANAV RACHNA CITY OFFICES

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INDORE: 114, 1st Floor, Above Gordhan Thal, Tulsi tower, Geeta Bhawan Square, A B Road,
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Phone: 09608095599, 09546673623, 09910244484, Email ID: patna@mrei.ac.in

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 **ADMISSIONS HELPLINE**
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