VISION
To empower the graduates to be technologically adept, innovative, self-motivated and responsible citizens, possessing human values and contribute significantly towards being a center of excellence in providing globally standard education, through a conducive Teaching and Research environment, that responds swiftly to the challenges of the ever changing world.

MISSION
• To achieve academic excellence by imparting in-depth knowledge to the students through effective pedagogies and hands on experience on latest tools and technologies.
• To pursue interdisciplinary research that will serve the needs of the entire global community.
• To prepare students to be continuous learners in a connected world and imbibe professional skills and ethical responsibilities in them.
• To strengthen the Industry-Academia interface that will help the graduates to emerge as leaders in academics or an inspiring revolutionary in entrepreneurship.

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3rd Year
Ms. Mahima
2nd Year

PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)
• PEO-1: To prepare the graduates for a successful career in industry, consultancy, teaching and allied areas related to the subjects of Computer Science and Engineering.
• PEO-2: To assimilate the graduates with team-spirit, leadership and problem-solving skills so they can lead organizations they join or initiate their own ventures.
• PEO-3: To prepare and assist the graduates to be successful in higher education leading to Masters and Research programmes, thereby creating and disseminating knowledge through research activities in the theory and application of computing.
• PEO-4: To groom the graduates as professional engineers with an understanding of professional and ethical responsibilities, enabling them to contribute effectively to the growth and development of a body of knowledge.
• PEO-5: To instill the ability to analyze the requirements, understand the technical specifications and design the innovative solutions by applying the principles of computing.
Expert Talk delivered by Prof. (Dr.) Don Passey

An Expert talk had been organized on “The Future of Computing and Educational Technologies” on Jan 15, 2018. The lecture was delivered by Prof.(Dr.) Don Passey, Professor of Technology, Center for Enhanced Learning, Lancaster University, UK.

The session was full of interesting facts that even UK is changing their curriculum. He shared that Technologies are becoming increasingly ubiquitous, integrated into so many facets of our everyday life – within the machines and devices we use for communication and for accessing information, and within the fabric of the environments in which we live.

Expert Talk by AICTE

An expert talk on Memory boosting and Science, Six Sigma, Religion, Spirituality organized by AICTE on 6th Feb, 2018. Dr. Kamlesh Sharma, Associate Professor and 4 students of M.Tech, CSE, FET, MRIIRS participated in talk at AICTE. Expert Sh. Virender Kumar Mehta, Limca book of World Record Holder in Memory delivered the talk on Vedic Nero Linguist Programming. And Second expert Dr. Pradeep B. Deshpande, Professor Emeritus, a former Chair of the Department of Chemical Engineering at the University of Louisville, Visiting Professor of Management, Gatton College of Business & Economics, University of Kentucky, President and Chief Executive Officer of Louisville-based Six Sigma and Advanced Controls, Inc. (SAC) delivered the talk on Six Sigma and importance of that for all the organization.
Expert Talk by 3rd Eye Solutions Pvt. Ltd. on Cyber Forensics

An expert talk cum orientation program on cyber forensics is organized on 9th Feb, 2018. Mr. Nitin and Mr. Prabind Kumar Experts from 3rd eye solution techno Solution Pvt. Ltd were the speakers. They are Forensics Experts in digital detective, harvesting and analyzing evidence from computers, networks and other forms of data storage devices.

Mr. Nikhil an expert from cyber forensics discussed about the different application area of cyber forensics, difference between forensics and natural Science. 3rd Eye Solution offers an organization-wide computer forensic solution pertaining to legal evidence in computers and digital storage mediums.

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Expert Lecture delivered by Mr. Koroush Ahmadi

An Expert lecture had been organized on “Software Networking” on Friday, Feb 9, 2018. The lecture was delivered by Mr. Koroush Ahmadi, from AIS (Auckland Institute of Studies), New Zealand. Mr. Koroush eloquently described the different aspects of Networking with a focus on Software usability. He discussed about Virtual IP Addresses, Load Balancing, Software Networking, Basic Functionalities regarding network management, SDN and NFV, Open flow software.

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Technical Treasure Hunt

A Technical Treasure Hunt was conducted under Computer Society of India, Student Chapter. FET, MRIIRS. Total 17 teams have participated in the events. Technical Clues were given to the students to find the locations of A Block. Students from 6th Semester and 2nd Semester win the cash prizes.
National Cyber security conference
7th-9th March, 2018

3 days (7th – 9th March, 2018) National Cyber Security Conference was organized for students & faculty members. On Day 1 session started with Workshop on Ethical Hacking by Mr. Jiwesh from Technoiaes, CTO. He has given hands on Training on Ethical Hacking which was practically very fruitful students who want to opt Ethical Hacking as Career Choice.

On day 2 started with National Cyber security conference initiated by INTERSQUAD CYBER INTELLIGENCE hosted by Manav Rachna International Institute of research & studies. The same is supported by National Cyber Safety and security standards. The three day Conference theme was “The Cyber Security Consortium” which aimed at bringing together the scholars, scientists, industrialists from all over the world. The Experts were Mr. Ajay Gulia Executive Vice president at Aegis; Mr. Tea Pooh Soon, Regional sales Director Asia at Utimaco IS Gmph; Mr. Dinesh ‘O’ Bareja, COO, Open security Alliance; President-ISCI Mr. Lawrence Ang; Mr. Deepak Kumar, Forensic expert conducted a very interactive session with students. Director at council of Information security, Mr. Rakshit Tondon shared awareness about how youngsters are conducting crime in cyber world and what initiating them. Mohit Yadav, Founder, Byte Code and Mr. Amar Prasad Reddy, President NCSS and Mr. CTO at Macosyf Technologies also shared their thoughts on Cyber Security.

On day 3 of National Cyber Security conference experts were Mr. Himanshu Mehta, Senior Threats Analysis Engineer at Synamete; Mr. Umesh Dutta, Deputy Director, MRIA; Mr. Tajinder, Sr. Security Engineer, Paytm; Mr. Venkatesh Shiv kumar, Information security Professional and Mr. Ankit Shankar Giri, Information Security Professional at Fiserve. Mr. Adhokshaj Mishra, Sysadmin( Linux) at Cengeree also interacted with Delegates. They shared their experience how cyber security attacks are increasing day by day.

In a Parallel session of these, Paper Presentation was also scheduled. The authors presented their paper under Guidance of Faculty members as co-authors on various topics. Total Seven Papers were presented by MRIA Computer Science students at AF-21.

A Two day workshop on “Programing Fundamentals/ Competitive Programming”

A two day workshop was organized on “Programing Fundamentals/ Competitive Programming” on 29th and 30th March 2018. On Day 1 lecture was delivered by an expert Ms Nidhi, an alumnus of IIFT Delhi and has excellence over the programming fundamentals and algorithm design. She discussed designing for solving real world problems, leveraging strengths of programming in application design, coding hygiene, programming paradigms.

On Day 2 lecture was delivered by Mr. Parik Jain, an alumnus of Delhi Technical University and had completed his internship at Amazon. In his lecture Mr. Parik talked about the competitive programming and the technical interview sessions. The day 2 session ended with a concluding lecture from Mr. Knnu Mittal, an alumnus of CITM, CSE. He motivated the students to do more hard work and achieve their dreams.
Expert Lecture on
“Advanced Java Application Design”
An expert lecture has been organized on “Advanced Java Application Design” on 23rd March 2018 under Computer Society of India Student Chapter, FET, MRIIRS on the occasion of CSI Foundation Day. The lecture was delivered by Ms Mala Gupta, founder of ejavaguru.com. Prof Anil Chopra discussed with student about various benefits of associating with professional bodies like CSI, ACM, IEEE.
After that Ms. Mala Gupta started the expert lecture with Introduction and historical context of Java. She discussed designing for solving real world problems, leveraging strengths of Java in application design, coding hygiene, programming paradigms, oracle prescribed coding conventions. After that she explained Java usage in the industry. Students of 1st year, 2nd year and 3rd year were benefited from the session.

Workshop on Ethical Hacking - INNOSKILL2018
Workshop on Ethical Hacking was organized on 3rd April 2018. Around 32 students registered from MRU, MRCE, MRIIRS. Workshop started with concepts in Ethical hacking by Mr. Vaibhav Jha and Mr. Naman 6th semester students at MRIIRS, Department of computer science & Engineering. The workshop session covered Introduction to Cyber Attacks stating cyber-attack is a deliberate exploitation of computer systems, technology-dependent enterprises and networks.

Workshop on Andriod-App - INNOSKILL2018
A workshop on Android App was organized on 4th April 2018. Around 50 students registered from MRU, MRCE, MRIIRS. Workshop was in two phases; first held by Mr. Sanjot Student at MRIIRS, Department of computer science & Engineering. The second session of workshop was taken up by Mr. Ankur, Faculty Member, MRCE. Both the sessions covered Introduction to Android App along with app making tools, app dependent market and its scope.
Faculty Members Achievements


• Dr. Poonam Tanwar published a chapter “A tour toward the development of various techniques for paralysis detection using image processing” in book titled “Biologically Rationalized Computing Techniques For Image Processing Applications”, Springer, Jan 2018 (Scopus Indexed).

• Ms. Bindiya Ahuja delivered an expert talk on “Big Data Analytics” in Govt Girls School on Jan 18, 2018.


• Dr. Deepa Bura published a research paper “A Novel UML Based Approach for Early Detection of Change Prone Classes” in International Journal of Open Source Software and Processes (IJOSSP), Feb 2018 (Scopus Indexed).

• Dr. Meenakshi and Dr. Suresh Kumar published a research paper “Routing in networks using genetic algorithm” in International Journal of Communication Networks and Distributed Systems, InderScience, March 2018 (Scopus Indexed).

• Dr. Poonam Tanwar published a research paper “Natural Language Processing for Hybrid Knowledge Representation” in International Journal on Advanced Intelligence Paradigms, InderScience, March 2018 (Scopus Indexed).


• Dr. Poonam Nandal and Dr. Suresh Kumar published a research paper on Semantic Similarity between Web Documents using ontology, Journal of The Institution of Engineers (India): Series BElectrical, Electronics & Telecommunication and Computer Engineering, Springer, March 2018 (Scopus Indexed).

• Dr. Meeta Singh, Dr. Poonam Nandal and Dr. Deepa Bura published a chapter “Comparative Analysis of Different Load Balancing Algorithm Using Cloud Analyst” in book titled Communications in Computer and Information Science book series (CCIS), Springer, March 2018 (Scopus Indexed).

• Ms. Charu Virmani published a research paper “Design of Query Processing System to Retrieve Information from Social Network using NLP” in KSII Transactions on Internet and Information Systems, April 2018 (SCI Indexed).


Student Achievements

- Ms. Diksha Khurana, Mr. Akshat, Mr. Krishna and Mr. Manish students of 6th Semester Cloud Computing under the mentorship of Dr. Madhulika filled copyright for Economic Best out of Waste project.
- Mr. Abhay Narayan and Ms. Jagriti Sharma Students of 4th Semester participated in Website Design competition and won 2nd position held at YMCA University of Science & Technology, Faridabad on 12th April 2018.
- Our students won 8 prizes in different competitions held in InnoSkill 2018 on 3rd April 2018.
- Mr. Dhruv Rohatgi student of 4th Semester Cloud Computing selected as an intern by Ulster University for the duration of 6 months i.e. from October 2017 to March 2018 and was assigned the task of developing and maintaining the servers, database and complete website.
- Mr. Dhruv Rohatgi & Ms. Simran Chaudhary students of 4th semester Cloud Computing presented their project “Turtle Digital Notebook” and reach to top 8 in Microsoft Imagine Cup 2018.
Department of Computer Science and Engineering

First Row Left to Right: N N Das, Madhulika, Kamlesh, Bindiya Ahuja, charu virmani, Anil Chopra, Krishna Kant, Suresh Kumar, Mukesh, Supriya Panda, Poonam Tanwar, Shefali Singhal, Indu Kashyap, Rachna Bhel, Nitasha Soni

Middle Row: Vaishali Arya, Srishty, Pinki Sagar, Madhumita, Veena Tayal, Meeta Singh, Deepika, Shelja Sharma, Savita Ragi, Geetika Chawla, Tanvi, Ranjeeta Mittal, Monika Shah, Kusum, Neha Garg, Shobha, Smriti, Sonam

Last Row: Prashant Dixit, Amit Chugh, Mohit Chaudhary, Renuka, Versha, Poonam Katyal, Priyanka Grover, Rashima Mahajan, Rosy Madan, Vandana, Urvashi, Pronika, Krishan Kumar, Vasudha, Sanjeev Mehta, Arun Kumar