MANAV RACHNA
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Manav Rachna University's

ALLURANCE

2020-2021

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Manav Rachna University's

ALLURANCE

2020-2021

I am pleased to see that the University is bringing out another issue of University magazine “Allurance” for the activities carried out in 2020-2021. It provides an opportunity to MRU Family including students to express themselves to experiment and express their noval ideas in a creative manner both in curricula and extra-curricular area. Such activities also connect us with our students who are going to be an future nation builders. It also helps in empowering them for the benefits of our society.

During the testing times of pandemic our faculty members and students have shown lot of resilience and involves themselves into lot of innovative activities to create awareness among students and develop their personalities as useful for the society. Such involvement develops them for leadership roles in near future. It has provided a window to steer the university upholding the values & morals as envisaged by its founder Dr. O.P. Bhalla a visionary par-excellence I convey my best wishes to all Deans, Heads faculty, students and staff of the University for its endeavour.

Prof. (Dr.) I. K. Bhat
Vice Chancellor, MRU

Nurturing creativity and inspiring innovation are two of the key elements of education and a university magazine is the perfect amalgamation of both. I am gratified to know that University is bringing out the second issue of e-magazine 'Allurance' that entails the accolades and achievements of students and faculty. Highlighting the plethora of activities and achievements of Faculty and students in diverse field, "Allurance" is surely going to impress all the readers with its charm. My heartiest congratulation to the Editorial team who have put in their efforts to archive the hard work of our Students, Faculty, and staff members in the form of this magazine. I convey my best wishes to the entire team for all the success in their future endeavors.

Prof. (Dr.) Sangita Banga
Dean Academics, MRU

The application of useful knowledge is way more powerful than knowledge itself. I am delighted to have been on the editorial board with other faculty members and students. I hope that with the second issue of Allurance we are able to make a difference in the young minds because leaning and innovation go hand in hand. This year was also quite difficult for us as individuals as well as an institution, but everyone gave their best, be it in co curricular activities or academics. Thanks to wonderful insights and work of our students and faculty members.

Prof. (Dr.) Pradeep K. Varshney
Dean Research, MRU

MANAV RACHNA UNIVERSITY'S
STUDENT COUNCIL
2021-22

"Education is the most powerful weapon which you can use to change the world" – Nelson Mandela. We know that it is the first and foremost step for people to gain knowledge, think critically, empower and acquire the desired skills for the improvement in the education system The teacher, student and the healthy environment are the most important factors related to the quality of education. There is a need to enhance the curious mindsets by inculcating few of the key highlights like experimentation, problem-solving, take up new challenges and many more. The curious mind is constantly alert and exploring, seeking material for thought, as a vigorous and healthy body. The next edition of e magazine Allurance will give ample opportunity to students to think out of the box and highlight surfeit of achievements in various domains.

Prof. (Dr.) Shruti Vashist
Dean Engineering & Dean Examination, MRU

39
2nd year student joining KPMG

52
NIGHTINGALE 2020 Online Fest

9
First Ever Scientific training for players at Manav Rachna

20
The 14th Manav Rachna Corporate Cricket Challenge Cup 2021

MRU-IIC 01
PROJECTS 04
CONFERENCES 05
E-CELL ACTIVITIES 21
FACULTY ACHIEVEMENTS 24
STUDENT ACHIEVEMENTS 34
RESEARCH PUBLICATIONS (JOURNALS/PATENTS /BOOKS) 44
MRCPS 52
DSW 55
INTERNATIONAL ACTIVITIES 68
SPORTS 70
PLACEMENTS 73
CONVOCATION 81
ALUMNI 83
IEEE CHAPTER 85
CODECHEF CAMPUS CHAPTER 88
MOU 91

IIC

IPR Workshop

The MoE Innovation Cell organized a week-long online KAPILA Program from 15th October 2020 to 23rd October 2020 wherein a series of webinars were conducted for faculty members and students of IIC Institutions.

Honourable Education Minister Shri Ramesh Pokhriyal inaugurated the program on 15th October, 2020. On day 2, Mr. Abhay Jere (Chief Innovation Officer, MIC) talked on "Importance of Maharshi Bhardwaj IP Literacy Initiative" followed by the talk of the Director of MIC Dr. Mohit Gambhir on "Importance and Scope of IPR in Academic Researches". On Day 3, Mr. Varun Chamadiya (Founder, Proactive) delivered a talk on "Lateral Thinking- How to generate revolutionary ideas' '. On Day 4, Shri Prabuddha Ganguli (CEO of Vision IPR) delivered a talk on the topic "Seeding Ideas to Harvesting Innovations for social good : Role of intellectual property rights". On Day 5, Dr. Unnat Pandit (Program Director, Atal Innovation Mission) delivered a session on the topic "Building IP, Innovation ecosystem in Academic Institution ". On Day 6 and 7, Dr. Sheetal Chopra (India Lead-IPR Advocacy, Ericsson India Ltd.) talked on the topics ``Prior Art Search and Patent Drafting- Key insights." and "Patent Filing Process", respectively. The sessions were very informative and engaging.

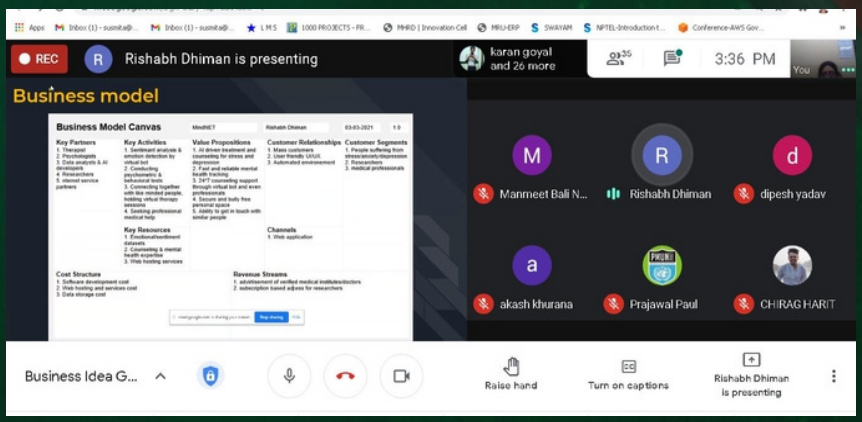
NISP Workshops

MRU has identified Prof. Dr. Pradeep Varshney (Dean Research of the University) as the coordinator for the implementation of National Innovation and Startup Policy (NISP) at the university level. Dr. Varshney attended NISP Orientation cum training session which was organized by MHRD's Innovation Cell and the training was conducted by Mr. Dipan Sahu (Asst. Innovation Director and National Coordinator of NISP). Afterwards Dr. Varshney took the initiative of forming the NISP committee at the University level and formulating the Innovation and Entrepreneurship policy at University level to facilitate the implementation of NISP. Such sessions were conducted over the months of August to October 2020.

IIC

Business Idea Generation Workshop

IIC MRU, under the aegis of MHRD Innovation Cell organized a Business Idea Generation workshop on 4th March 2021. The Initiative was undertaken by CSE Semester-7 students under the mentorship of Dr Manmeet Bali Nag (Associate Professor, Department of Management, MRU & Innovation Ambassador IIC). The aim of the workshop was to sensitize and educate students towards innovation & entrepreneurship. Students had undertaken survey-based research towards opportunity, observation, identification, Ideation & value proposition. They duly created the Business Model Canvas (BMC) for the above. Blueprints and plausible prototypes were created with futuristic implications. Five teams presented their ideas based on Principles of Sentiment analysis, Neuro Linguistic Programming, AI, Robotics, Cloud computing & Data Analysis.



INTERNATIONAL ACTIVITIES

Manav Rachna University signed an MoU with Livingstone International University of Tourism Excellence and Business Management (LIUTEBM), Zambia (September 2020). The scope of the MoU includes joint teaching, research and cultural activity, and mobility of faculty, scholars and students between institutions.

IIC -

Prototype Validation and Converting Prototype to Startup

IIC MRU organized a webinar on "Prototype Validation and Converting Prototype to Startup" on 26th June, 2021. The talk was delivered by Dean Research Prof. Dr. Pradeep K. Varshney. The seven stages of startup: Ideation, Prototype, MVP, Product-Market-Fit, Scaling, Potential Profitability and Cash Cow, were discussed. He further explained the significance of Minimum Viable Product (MVP), need and process of prototype validation, success factors, funding opportunities and National Innovation and Startup Policy (NISP) of MRU to motivate student entrepreneurs to establish startups. Further, the successful startups of 2021 and the reasons behind the failure of startups were explained. Students were also advised to develop their model in a way that it inclines towards a Sustainable Development Goal for futuristic development.

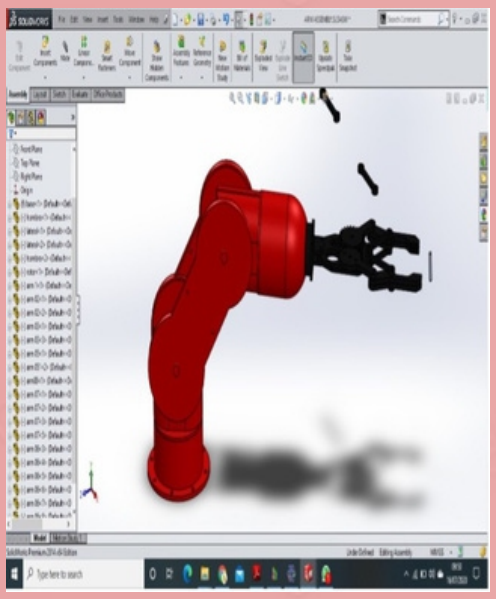
Panel Discussion on Entrepreneurship and VC/Angel Investor Funding for Startups

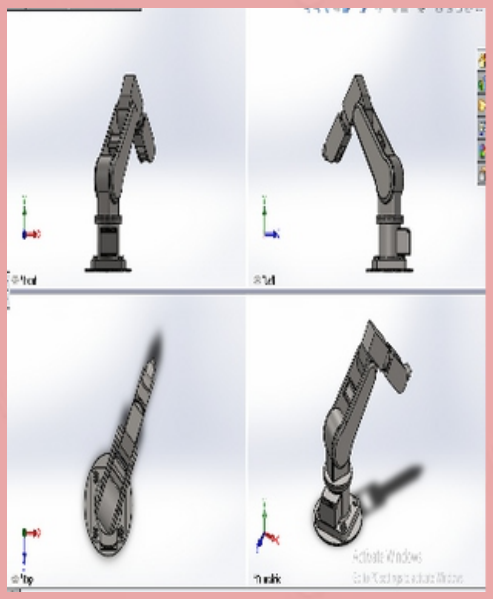
IIC MRU organized a webinar on 12th June 2021 on the topic "Panel Discussion on Entrepreneurship and VC/Angel Investor Funding for Startups". The Initiative was undertaken by Dr. Subodh Saluja (Associate Professor, Department of Management, MRU & Innovation Ambassador IIC). Panel consisted of 3 CEOs and founders: Amalore Jude (Founder and CEO Modo Edulabs), Dr. Manoj Mishra (CEO & Co-Founder of the holding and flagship company; Gen-Next Biz Ventures & Consultants) and Mr. Hormazd Charna (Founder and CEO of MergerDomo Services). The aim was to sensitize & educate students towards entrepreneurship and how to get funding for a startup. The speakers explained that products should have a unique selling point and entrepreneurs should study their product in detail, have a roadmap for future before approaching investors, there should be clarity and consistency in approach and entrepreneurs need to know market space, potential of growth.

PROJECTS

1. Project Completed: Robotic arm

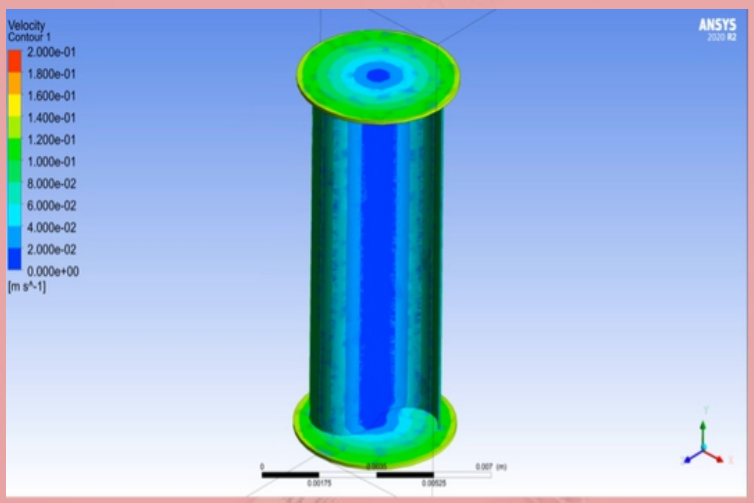
The most common manufacturing robot is the robotic arm. A robotic arm is made up of several segments, joined by joints. The computer controls the robot by rotating individual step motors connected to each joint.





2. Project Undergoing: Design & Development of Savonius Wind Turbine Blades to Improve Performance & Efficiency

The Savonius turbine is a type of Vertical Axis Wind Turbine (VAWT) that is known for its compact & simple design that is effortless to maintain and easy to manufacture. This project focuses on designing and development of a new blade design that can increase the efficiency of these turbines and CFD software ANSYS is used to analyze and study the developed designs.



CONFERENCES / WORKSHOPS / WEBINARS / FDP/ INVITED TALKS

1. ECE Department, MRU organized a Guest Lecture Series by Mr. Rahul Kundu on 2nd to 4th Sept. 2020

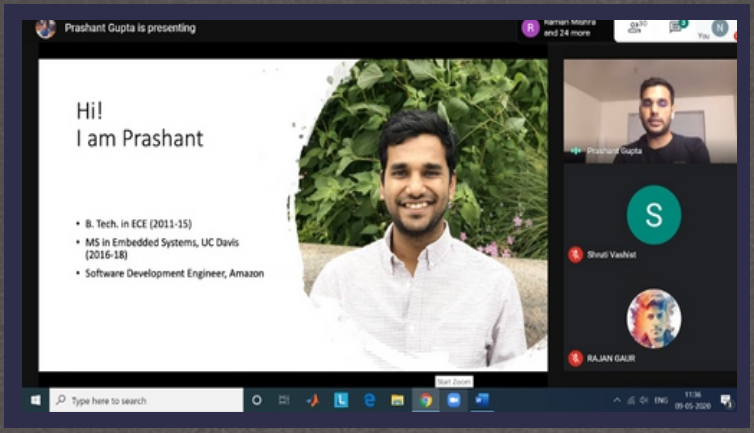
Mr. Rahul is working as an Identity and Access Management Consultant at DEUTSCHE Bank UK. He holds more than 10 years of experience in Privilege Account Management, Identity & Access Management, CyberArk Implementation, Application Security, Data Security etc.
He delivered the 3-day Lecture series on "Cyber Security, IAM Domain and the Inroad Path towards it"

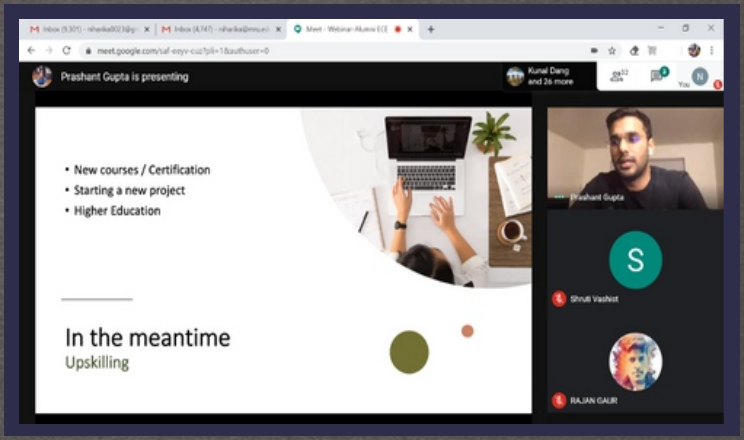
2. Two Expert Alumni Talks were organised in the Orientation program 2020:

- Session 1 was taken by Vijay Arora, Alumni of ECE dept. He is working as an apprentice Quality Assurance Engineer with 3 Pillar Global. He mainly focused that the students should think on development of projects right from I year and should not wait till final year for overall development and growth.

- Session 2 was taken by Mr. Prashant Gupta 2015 ECE graduate of MRCE. He won the Indian finals of Microsoft Imagine Cup 2013 & is also a proud recipient of Dr. OP Bhalla awards as a distinguished alumnus.Working as a software developer at Amazon.His main point of discussion was that the students should be focused and should never stop trying .

CONFERENCES / WORKSHOPS / WEBINARS / FDP/ INVITED TALKS



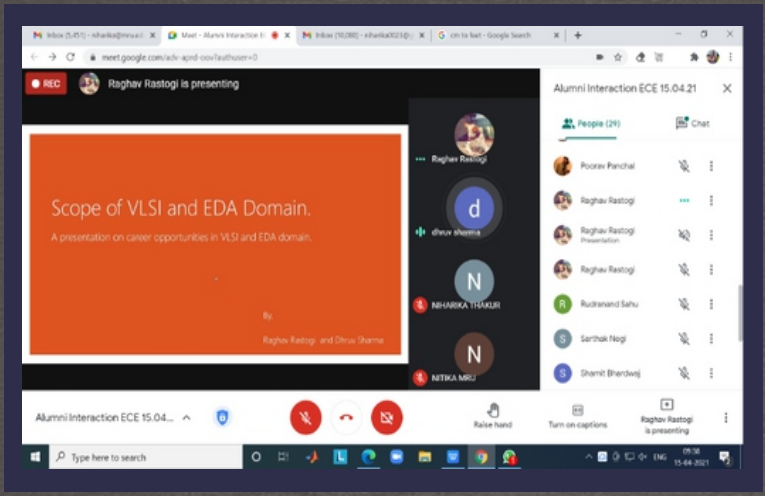


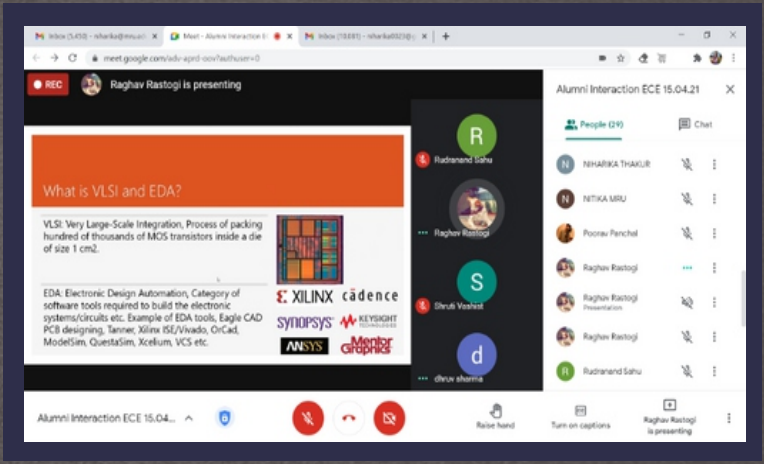
3. Department of ECE, MRU organized a webinar on "HEALTHCARE TECHNOLOGY" to bring awareness about the future and advancements in healthcare technology.The webinar was conducted through youtube live streaming. 108 Participants across India participated and made the webinar interactive through live chat. The increasing scope of developing the same in future was demonstrated by a surgery robot who peeled a grape and stitched it back into its original form. Various applications of technology including Virtual and augmented reality in healthcare technology were brought into light.

4. The Department of ECE, MRU organized an Alumni Interaction with our Alumnus Mr. Raghav Rastogi and Mr. Dhruv Sharma on 15th April, 2021 at 9.30 am through Google Meet on the topic "Scope of VLSI and EDA domain". Mr. Raghav Rastogi is currently working for Seimens EDA and Mr. Dhruv Sharma is working at Cadence Design Systems.

They discussed the technical aspects of VLSI and EDA domain and career opportunities available in the field. Students were keenly interested in the session to know the core area details in which they can work to bang a good package in the industry.

CONFERENCES / WORKSHOPS / WEBINARS / FDP/ INVITED TALKS



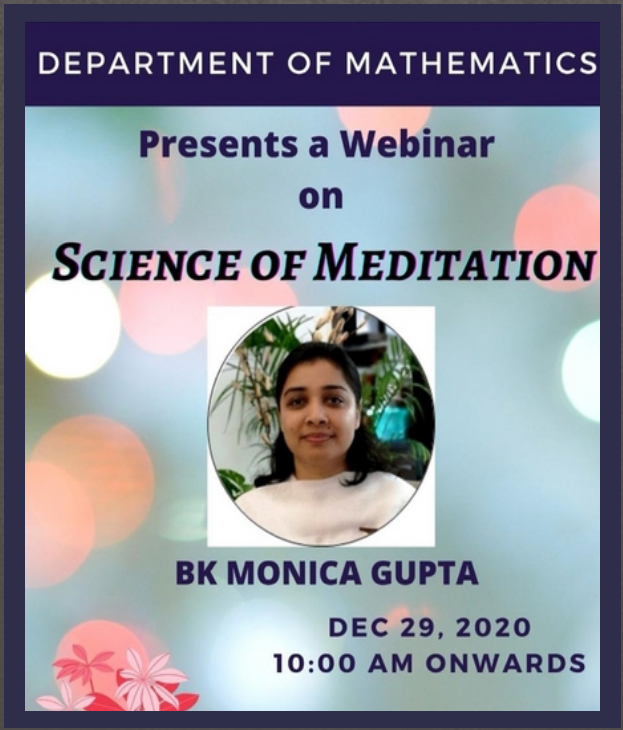


- Department of Physics, Organized the Webinar cum-Workshop On X-ray scattering and its applications in Nano & Material Science Research. July 2, 2020.

CONFERENCES / WORKSHOPS / WEBINARS / FDP/ INVITED TALKS

- The Department of Mathematics, MRU organized an invited lecture on 'Applications of Algebra, on December 28, 2020. Prof. (Dr.) R. K. Sharma, Department of Mathematics, IIT Delhi was the Guest Speaker.

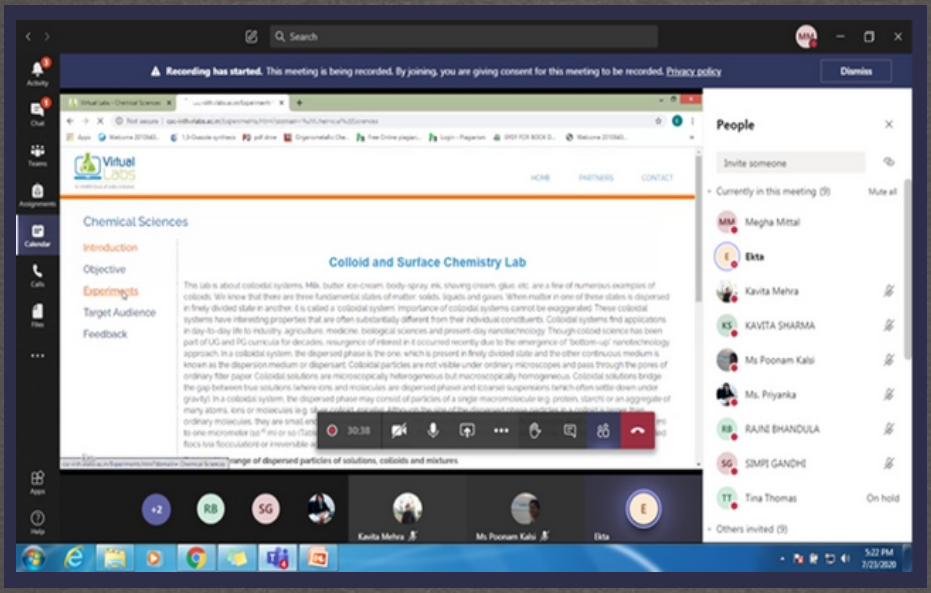
- The Department of Mathematics organized a webinar on "Science of Meditation" on December 29, 2020 by Ms. Monica Gupta.

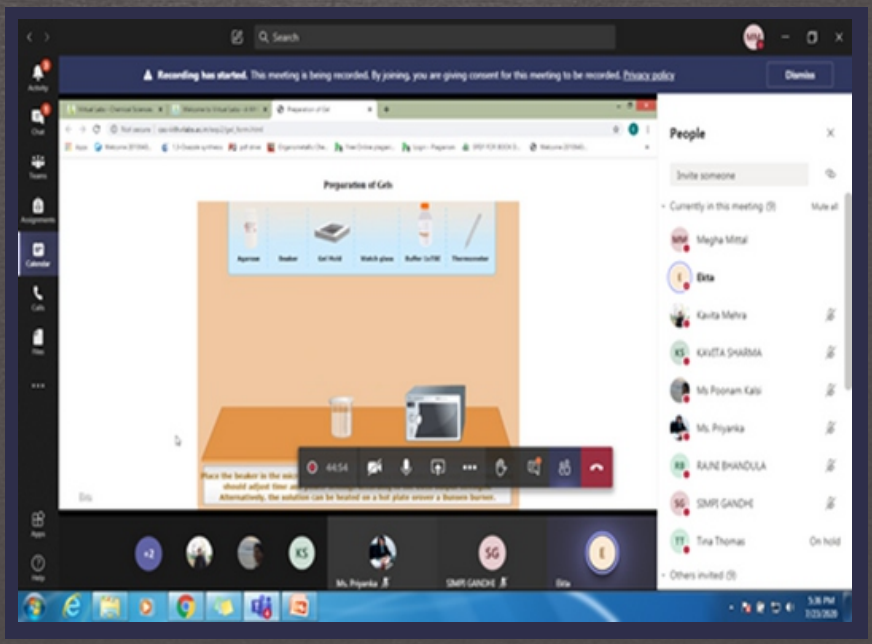


CONFERENCES / WORKSHOPS / WEBINARS / FDP/ INVITED TALKS

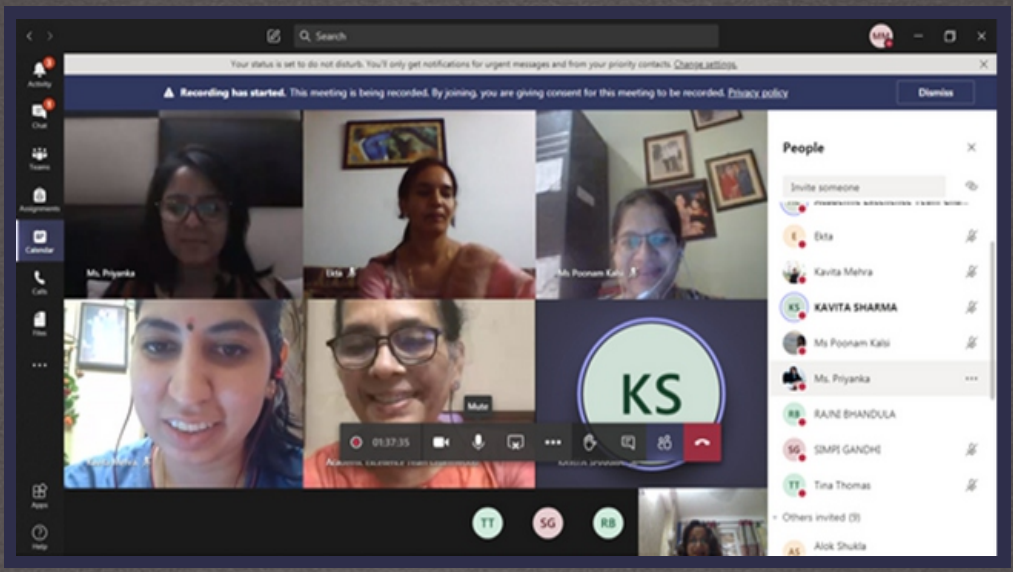
1. Workshop on "Virtual Chemistry: Innovative Solutions" by the department of chemistry

On 23rd July 2020, Dr. Megha Bansal and Dr. Ekta Rawat, Department of Chemistry, MRU conducted a workshop entitled "Virtual Chemistry: Innovative Solutions" through MS Teams. The workshop focused on making online teaching the learning process of Chemistry in an effective manner. Faculties from different schools MRIS Sector 14, Fbd, MRIS, Noida, MRIS, Ggm and MRIS CW, Fbd and MRIS Ludhiana participated in the workshop The session was graced by Director MRIS, Ms. Sanyogita Sharma. She focused upon the need for such interactions where great idea exchange can take place.





CONFERENCES / WORKSHOPS / WEBINARS / FDP/ INVITED TALKS



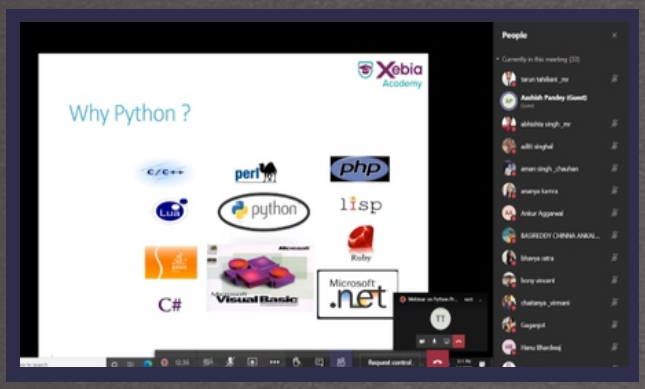
2. The Big Butterfly Month, September 2020

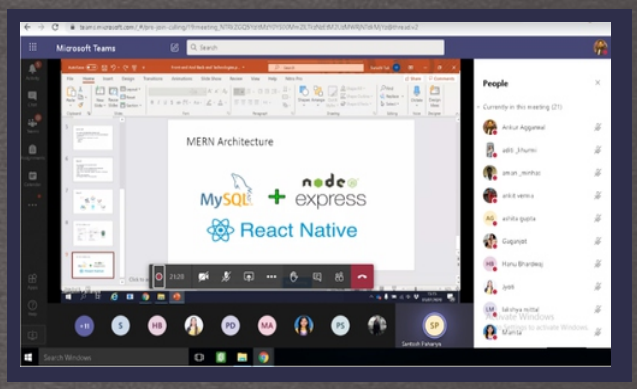
The department of chemistry,MRU took an initiative in order to celebrate 'the Big Butterfly Month, September' wherein they organized a webinar on 'Let's Take a Peek into the intimate World of these Winged Jewels' in association with BNHS and NNOX on 14 September 2020.

Mr. Abhishek Gulshan (a Naturalist, Nature Educator and Birdwatcher and founder, NINOX), the esteemed speaker highlighted various stages of the lifecycle of the butterflies, the defense mechanisms adopted by them, and the ways by which we can attract the butterflies to our backyards.

CONFERENCES / WORKSHOPS / WEBINARS / FDP/ INVITED TALKS

- The CST department organized a webinar on "Python Programming" on 1st July 2020 by Mr. Ashish Pande, in collaboration with Xebia for 2nd year students of B.Tech. CSE specialization in DSML.
- The CST department organized a webinar on "Modern Web and Mobile Framework" on 3rd July 2020 by Mr.Santosh Pahariya, in collaboration with Xebia for 3rd year students of B.Tech. CSE specialization in DTE.

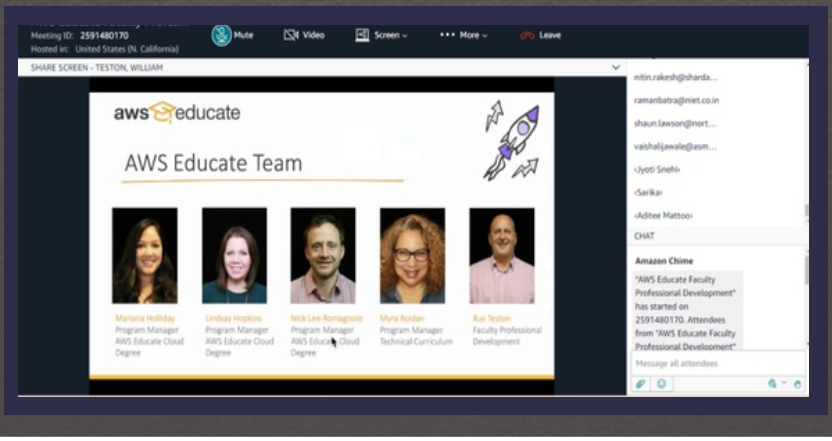




- The CST department organized a webinar on 'Agile Software Development' in collaboration with Xebia, for the 2nd year students of B.Tech. CSE with specialization in DTE. The expert for the session was Mr. Ajay R. Kabra, Senior Agile Director, Xebia.
- The Department of Computer Science & Technology, Manav Rachna University organized a session for 1st Year Students of BTech CSE in specialization with Artificial Intelligence & Machine Learning, in collaboration with Xebia. The session was on the fundamentals of Artificial Intelligence & Machine Learning. Taken by Ananda Roy, an AI expert & Principal Consultant with Xebia.
- The CST department organized a Q & A session with Mr Ajaya Kabra, Senior Director XACT (Agile Transformation CoE) on 13th August 2020 for Budding Agilists in coordination with Team Xebia Academy.

CONFERENCES / WORKSHOPS / WEBINARS / FDP/ INVITED TALKS

- The department of CST, MRU assisted in the "Train the Trainer Program" by Xebia on "Computer Vision and Image Processing", 5 day program for the Faculty Members of the Computer Science & Technology Department. The training was delivered by Mr. Biswanath Banerjee, Qualified CVIP Expert, Xebia.
- The department of CST, MRU "Train the Trainer Program" by Xebia on "Virtualization- Containers/Cloud", 5 day program for the Faculty Members of the Computer Science & Technology Department. The training was delivered by Mr. Gopal Das, Qualified DevOps Expert, Xebia.
- The department of CST, MRU provided Hands-on Training on 'Machine Learning with Python', 'Construct2' and 'Figma: the collaborative interface design tool', for the teachers of Manav Rachna Schools in May 2021. The training was done by Dr. Parneeta Dhaliwal, Ms. Gunjan Chandwani, Mr. Ankur Kumar Aggarwal and Priyanka Gupta.
- IEEE MRU Student Branch, in collaboration with IEEE MRU Computer Society organised a session on "Malware Analysis".The Speaker for the event was Karan Aditya Ghoshal (Jr. Cyber Threat Intelligence Analyst at KPMG-EDGE), who is currently pursuing BTech CSE 2nd Year at Manav Rachna University.
- Under collaboration of the CST Department with Xebia, 6th Semester Students of BTech CSE with specialization in Data Science & Machine Learning and Digital Transformation Engineering have got an opportunity to work on real industry projects.Mr. Ajay Kabra, Senior Director Agile Transformation Consultant at Xebia. Mr. Kabra shall be leading the program and will guide the students throughout their journey.
- The PhD office in association with the Department of CST organized a workshop on Introduction to Python Programming for PhD scholars of MRU and Faculty members. Taken By Ms. Mamta Arora on 29th May,2021.
- The Department of Computer Science & Technology, Manav Rachna University organized a session for 1st Year Students of BTech CSE in specialization with Cloud Devops & Automation, in collaboration with Xebia. The session focused on "Digital Product Engineering & Design Thinking". The expert for the session was Mr. Mohsin Khursheed who has rich experience in Agile development.
- The CST department organized AWS Educate Faculty Professional Development (Creating a Virtual Private Cloud using the AWS VPC Wizard) in association with AWS Educate on 19th October 2020.



CONFERENCES / WORKSHOPS / WEBINARS / FDP/ INVITED TALKS

International Conference on Computational Intelligence in Analytics and Information System (CIAIS - 2021)

The CST department organized a two days International Conference CIAIS-2021 in Hybrid mode with the main focus on the empirical, theoretical and application prospects of computational intelligence in Data Science, Information Retrieval and Communication systems on 2-3 April 2021.
The Conference aims to provide an International platform for dynamic researchers and experts from both industry and academia, to share their research work in the domain of computational intelligence in the various applications areas.

With the same objective in mind, we invited experts across the globe to converge at CIAIS-2021 to discuss the state-of-the-art developments, challenges and unsolved open problems in the field of Computational Intelligence. Manav Rachna University is making an effort to generate an open platform for an international dialogue between researchers and experts across the world to put forward different aspects of Computational Intelligence in Data Science & Artificial Intelligence, IOT, Network Technologies & Cyber Security and Software Process Models.

CONFERENCES / WORKSHOPS / WEBINARS / FDP/ INVITED TALKS

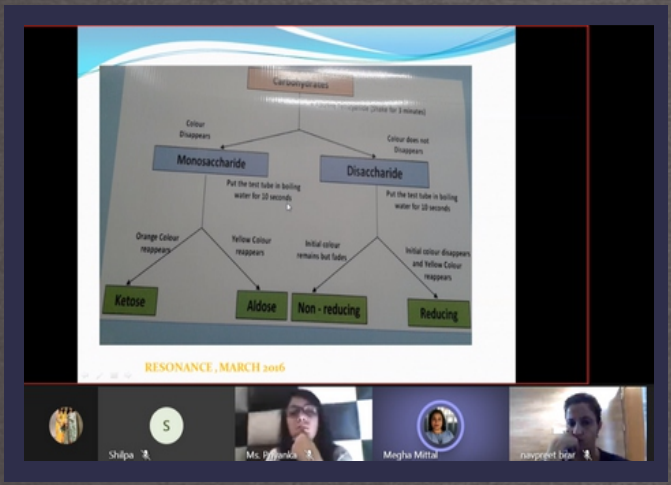
Original contributions have been invited in terms of short papers, full length papers and poster presentations. Papers describing original work in terms of full research reports, work-in-progress reports and survey papers are invited in any of the following Tracks. High quality papers have been accepted based on quality, relevance and originality.
Conference Tracks:
Track 1: Computational Intelligence in Data Science & Artificial Intelligence
Track 2: Computational Intelligence in Computer Vision and Image Processing
Track 3: Computational Intelligence in Network Technologies & Cyber Security
Track 4: Computational Intelligence in Software Process Models

Conference Partners

- Publication Partner: CRC Press (a Taylor & Francis Group)
- Technical partner: IGI Global USA
- Industry Partner: Xebia
- Knowledge Parner: ICT Academy
- Media Partner: Noticebard

CONFERENCES / WORKSHOPS / WEBINARS / FDP/ INVITED TALKS

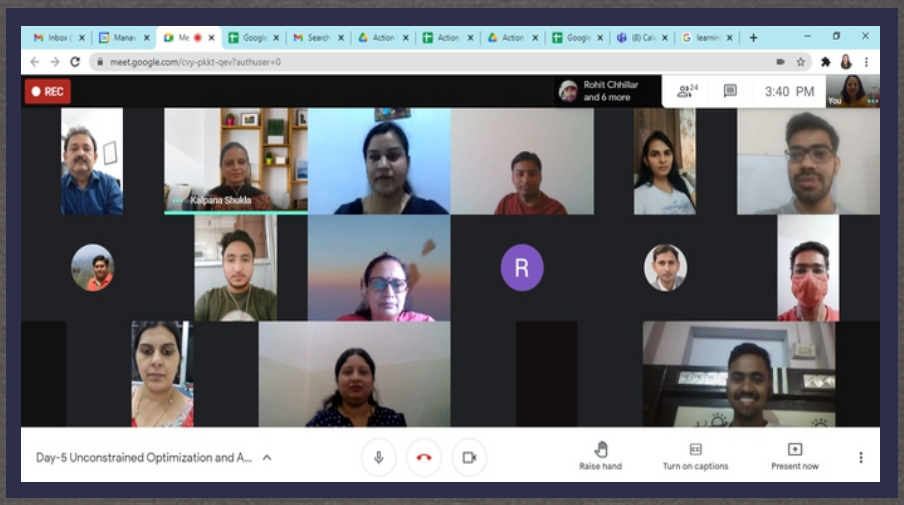
- The department of chemistry organised an Expert Talk on "NMR Spectroscopy" was organized on 26th Feb, 2021. Dr Ravindra Kumar, SRM, R & D Centre, IOCL, Fbd Delivered the talk for Students and Faculty Members.
- The department of chemistry conducted an Expert Talk on "Application of Quantum in Chemistry" was organized on 15th April, 2021. Dr. Prakash Chandra, Associate Professor, Department of Chemistry, Bundelkhand University, Jhansi delivered the talk which was attended by Faculty members and students.
- The department of chemistry organized a workshop on "Innovative Strategies in Teaching and Learning Process" for MRIS faculty members, conducted by Dr. Megha Bansal, Dr. Ekta Rawat, Dr. Priti Gupta and Dr. Shilpa Sharma.MRIS Sector 14, Faridabad, MRIS, Noida, MRIS, Gurugram, MRIS CW, and MRIS Ludhiana participated in the workshop.



- The Department of Mathematics, invited Mr. Puneet Gulati, Alumni B.Sc. (H) Mathematics, Batch 2015-2018 (MRU-First batch), for online Alumni interaction session on 3rd February 2021 from 12:40 pm onwards with the ongoing batches of B.Sc.(H) Mathematics program students on " Preparation for IIT – JAM". Mr. Puneet is pursuing M.Sc. Mathematics & Statistics program from IIT Tirupati.
- The Department of Mathematics, organized a session 'Placement Preparation Guidance' by Ms. Bhavya Budhiraja, student of B.Sc.(H) Mathematics (2018 – 21) , VI Semester after being placed at LIDO LEARNING, on 5th February 2021.
- The Department of Mathematics, organized a motivational session 'Keeping Calm No Matter What' delivered by BK Sonika, Senior Rajyoga trainer at ORC Gurugram on 29th April 2021.

CONFERENCES / WORKSHOPS / WEBINARS / FDP/ INVITED TALKS

- The Department of Mathematics organized a Workshop on Nonlinear Optimization, Variational Inequalities and Artificial Intelligence from March 22nd – 26th, 2021 in online mode. The workshop was designed to provide a platform to understand and apply different mathematical and computational approaches for solving optimization problems, comparison & connection among the existing and new solution methods, detail analysis using algorithms and its applications. The workshop was delivered by 6 Resource persons from IIT's, University of Delhi , NIT's & MRU. 27 external participants and 50 internal participants including faculty members, research scholars, UG & PG students attended the same.



- Department of physics organized the Fifth-webinar entitled "Applications of X-ray absorption spectroscopy in Nano-material research" on 22rd April 2021.

- Mechanical Engineering Department, MRU organized an Alumni Lecture on "Automation Techniques", which was delivered by our Alumni Mr. Gautam Ahuja on 28th January, 2021.

CONFERENCES / WORKSHOPS / WEBINARS / FDP/ INVITED TALKS

- Mechanical Engineering Department, MRU organized an Alumni Lecture on "Latest Automobile Technology", which was delivered by our Alumni Mr. Mohit Solanki on 24th February, 2021.
- Mechanical Engineering Department, MRU organised a workshop on Roboanalyzer Software in Collab with ECE Dept. on 5th April, 2021
- In collaboration with CYPE Software, the company has organized a 2 days training programme for ME faculty members and students by CYPE Software on Introduction to BIM software (Architecture, MEP, Thermal Analysis) on 14th April and 21st April, 2021.
- Mechanical Engineering Department, MRU organized a webinar on "Introduction to Robotics and Automation" in collaboration with ECE Department on 22nd April 2021.
- In collaboration with DesignTech & Stratsys, the Mechanical Engineering Department, MRU organized a workshop on "3D-Printing-Driving the Future of Automotive Industry" on 4th June, 2021
- Two days workshop was conducted virtually by Capricot Technologies Pvt. Ltd. on "Autodesk Fusion 360" on 14-June and 15-June 2021 for students and faculty members of MRU under the aegis of Mechanical Engineering Department, MRU. Mr Prashant Kundnani, Solution Specialist – MFG Capricot Technologies Pvt. Ltd. was the trainer for the workshop.
- In the department of Mechanical engineering during the Orientation Program, organized webinars on multiple different topics like renewable Energy, Product Design, Heating, Ventilation & Air Conditioning etc. for first year students.
- In the department of Mechanical engineering Himanshu Kaundal, Founder at Insights Auto Tech Consultants and Co-founder of Fovila services LLP conducted a Webinar on "Working of a Car Engine" on 20th Jan 21 at 10 am-11 am for 2nd yr Smart manufacturing and Automation students.
- In the department of Mechanical engineering, Mr. Rajesh Raveendran of Hitachi Vantara, Director Asia Pacific conducted a webinar through Google Meets on 12th Jan, 2021. He introduced students to the emerging field of Applied Data Science and its future prospects.

- Department of electronics and communications engineering organised a workshop on "Introduction to Robotics and Automation" by Mr.Vijay Gill and Mr.JP Sharma on 22nd April 2021.
- Department of electronics and communications engineering organised a workshop on "Automation in Railways using IOT" by Engr. Pawan Kumar, Sr. Network Specialist, Centre for Railway Information Systems, Northern Railways. and Director, Singh Embedded Solutions, New Delhi on 5th May 2021.

CONFERENCES / WORKSHOPS / WEBINARS / FDP/ INVITED TALKS

- Faculty of Law, MRU presented a Webinar on Consumer Protection Act, 2019-By Honorable Justice R.K. Agrawal, President NCDRC and Joy Basu, Senior Advocate, Supreme Court of India, in conversation with Shashank Garg, Partner, Advani & Co. On 13th March 2021. For Students , Faculties & Legal Fraternity
- The faculty of law, The Centre of Excellence on ADR (CADR), MRU, and the Society of Construction Law-Young Leaders Group (SCL-YLG) are delighted to present to you a one-day Masterclass on 'Effective Management of Complex Construction Arbitrations' with Indian and International Faculty.On 20th March2020. For Students , Faculties & Legal Fraternity .Speakers: Justice AK Sikri, International Judge, Singapore International Commercial Court, Nusrat Hassan , Co-Managing Partner, Link Legal, Anand Srivastava, Partner , Link Legal, Mohan r Pillay, Head of Office, Pinsent Masons, Ang Wee Jian, Partner, Pinsent Masons M Pillay LLP, Kevin ash, Deputy Registrar & Centre Director, Singapore International Arbitration Centre, Atul Sharma, managing Partner, Link Legal .Event Chairs: Shashank Garg, Partner Advani & Co. and Co – Chair SCL - YLG , Padmaja Kaul, Partner Indus Law & Member Steering Committee SCL – YLG.

- Department of education and humanities conducted organized the National Webinar on "Management of Stress for Students during COVID-19 Pandemic" on April 22,2021.Ms. Vandana Datt Anand, EVGC, District Coordinator, South Delhi was the guest Speaker.
- Department of education and humanities conducted initiated Book Donation Drive from 08th April-17th April, 2021 an effort was made to ensure that these books reach the right hands through NGOs working with school dropouts, slums, evening schools.
- Department of education and humanities conducted organized 'World Autism Awareness Day' on April 1, 2021 to create awareness about autism and to foster the feeling of inclusion in the community for Children with Special needs.

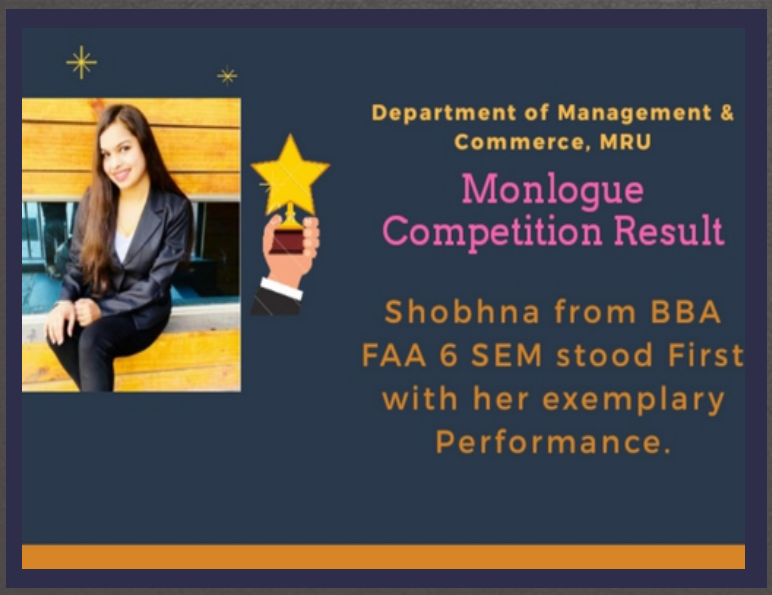
CONFERENCES / WORKSHOPS / WEBINARS / FDP/ INVITED TALKS

- Department of education and humanities conducted the Internal Quality Assurance Cell- MRU organized an online FDP cum workshop on the topic, "Reflective Teaching A Tool for Teaching skill enhancement" on May 22 '21. Dr. Kiran Gupta, Associate Professor, Department of Education, MRU and Dr. Hardeo Thakur, Associate Professor, Department of CST, MRU were the Resource Persons for this Faculty Development Programme.
- An International Webinar- 'Education Opportunities in the UK' was organized on 17th May 2021 at Manav Rachna Educational institutes. Mr Nick Gee ,Dean, Faculty of Education and Mr. Wayne, Head International Relations, Bishop Grosseteste University, UK were the expert speakers for the webinar.

- Department of management and commerce organised a guest lecture on the topic "Marketing Transformation during Covid 19" on 3rd Feb, 2021. Mr. Hitesh Kakar was the speaker(industry exp. With 23 years experience)
- Department of management and commerce organised a guest lecture on the topic "Digital Accounting" on 3rd Feb 2021 through online mode. Sarkies Henry(Banking and Financial Services expert with 14 years experience) was the guest speaker.
- Department of management and commerce organised a webinar on "BUDGET 2021" on 4th of February wherein CS Nikhil Midha(Professional, Entrepreneur and an Academician) was the guest speaker.
- Department of management and commerce organised an online guest lecture on the topic "Importance of Literature review in High-Quality Research" on 13th Feb 2021. Dr Sunita Bishnoi(18 years of rich experience in Research and Teaching) was the guest speaker.
- Department of management and commerce provided a lecture on "National Education Policy 2020 emphasizing on Entrepreneurship & Innovation".Dr Manmeet Bali Nag, Associate Professor was the guest speaker.

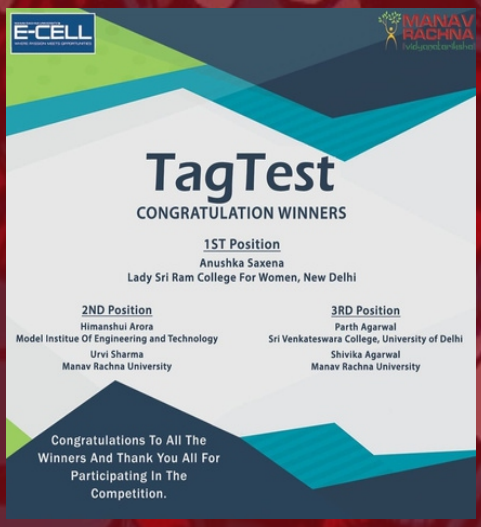
CONFERENCES / WORKSHOPS / WEBINARS / FDP/ INVITED TALKS

- Department of management and commerce organized a Webinar on the Topic "Behavioral Science of Marketing" on 25 th February.Guest Speaker was Mr. Shoury Gupta(Head of Marketing at ValueFirst).
- Department of management and commerce conducted a webinar on "Changing landscape of HR in pre and post times & Role of analytics in HR" on 23rd Feb.Guest Speaker was Mr. Sushil Tripathi(Head HR- Oswal Industries Limited)
- Department of management and commerce in Association with SEBI organised 'Financial Education & Awareness' webinar on 25th March 2021.Prof. (Dr.) Mukul Jain , (Empanelled Faculty/Resource Person—SEBI,Visiting Professor, Corporate Trainer & Management Consultant) were the speakers.
- Department of management and commerce organized a Webinar on Topic "Corporatization of family business" on 3rd March 2021.Guest Speaker was Mr. Arun Bhardwaj (Careers Success and Career Coach).
- Department of management and commerce organized a Webinar on "Changing landscape of family business"on 01 March 2021.Guest Speaker ws Mr.Arup Sen gupta(president of Human Age Consultant Pvt. Ltd.)
- Department of management and commerce organized a virtual workshop on EViews and SPSS on May 15, 2021. The session covered data analysis like descriptive analysis, correlation analysis, stationarity test, and regression analysis through EViews. Dr. Sachita Yadav and Dr. Animesh gave a hands-on session on the creation of new variables, reliability test, Cronbach Alpha, regression, EFA, CFA, and factor analysis through SPSS.



MRU E-CELL ACTIVITIES

TagTest
MRU E-Cell organized TagTest, an online tagline writing competition on 10th Dec 2020. Participants were expected to showcase the creativity of an entrepreneurial mind. 50+ creative and catchy taglines were submitted for various brands mentioned in the competition from participants of various universities such as Delhi University, Amity university, IPU etc.



YATRA EP:2-
AN ONLINE EXPERT INTERACTION ON SOCIAL ENTREPRENEURSHIP, 29th October, 2020, Speaker Interacted with students on - social work, prerequisite traits of social work, levels of social work, social entrepreneurship and more.

Orientation for freshers
17th October 2020, It was a brief and interactive session where the members of E-Cell had reached out to the freshers about their achievements and their work.

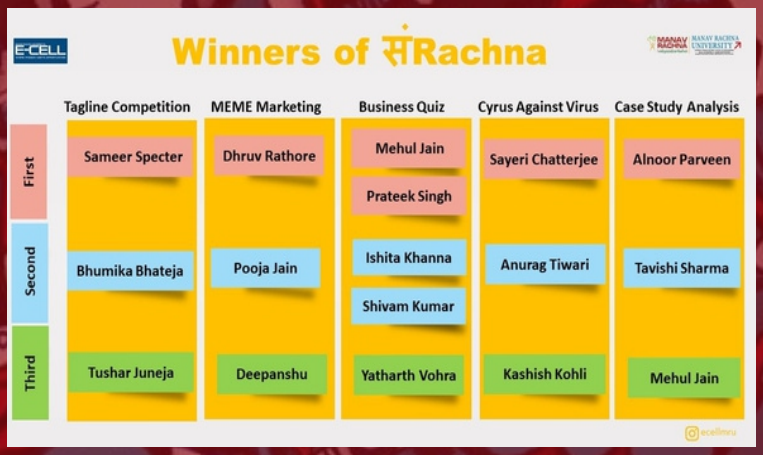
Online group discussion Baat-चीत
on the topic "Niche marketing strategy", 9th & 10th September, 2020, The group discussion was a 2-day event where enthusiastic entrepreneurs had a healthy discussion on the topic.The winners of the competition enlisted below :

Apurva Gupta, MBA, SIBM Pune.
Aryan Singhnvi , St. Xavier's College,Kolkata.
Shringar Jha, MBA(ITBM), Symbiosis Center for Information Technology.

21st August, 2020 YATRA
Journey to excellence (EP-1)-A webinar on "New age entrepreneurship", The intakes from the discussion were that there is a huge difference between traditional and new age entrepreneurship, the pros and cons of new age entrepreneurship, the gradual shift of something "new" to something "different" in decades, the skills required to be an entrepreneur and business mindset.

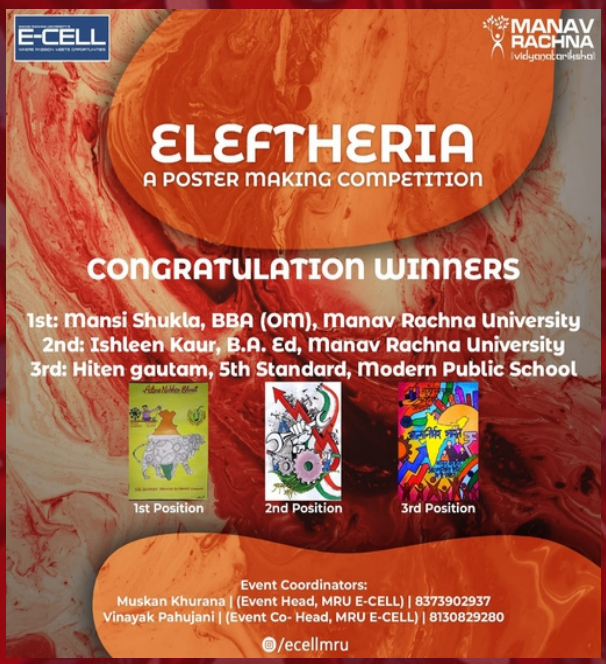
MRU E-CELL ACTIVITIES

June 1- 5, 2020 संRachna,
E-Week, The series of events consisted of six events over a span of five days including a webinar 'The Paradigm Shift in the Key Areas of Entrepreneurship' which was the concluding event of संRachna.



MANAV RACHNA UNIVERSITY ENTREPRENEURSHIP CELL ORGANISED "HEALTH & BRAINS" 'An online debate competition'
On 21st April, 2021 with the aim to sensitize, discuss and learn, MRU E-Cell organized HEALTH & BRAINS, an online debate competition incorporating the third goal of the Sustainable Development Goals (SDG) i.e., Good Health and Well Being. The participants were given the theme "How pharmaceutical entrepreneurs turned the world's tragedy into their own fortune."

5th Aug 2020, Eleftheria-
MRU E-Cell organized Eleftheria- A Poster Making Competition on 5th August 2020, Eleftheria- A Poster Making Competition. The theme of online, submission based event was "Atma Nirbhar Bharat"/ "The Self Reliant India". The aim of the event was to empower the hearts of our participants with feeling of nationality."The winners of the competition were:
1st: Mansi Shukla, BBA(OM), Manav Rachna University.
2nd: Ishleen Kaur, B.A B.Ed, Manav Rachna University.
3rd: Hiten Gautam, 5th standard, Modern Public School."



MRU E-CELL ACTIVITIES

27th June 2020 MANASVINI-
MRU E-Cell organized MANASVINI- an online presentation competition, held on 27th June 2020. Participants were expected to choose any woman entrepreneur, explain her journey of success in the form of a presentation and submit it to the judges.The winners of the competition were:

Siddhardha Sathanapally, Sreenidhi Institute of Science and Technology
Dheeraj Arora, PGDM- International Management Institute, New Delhi
Shumi Mitra, IIT Kharagpur, VGSOM

EGALITARIAN- A Webinar
MRU E-Cell organized "EGALITARIAN"- A Webinar on 27 April,2021. Through this event they aimed to draw attention towards the eighth goal of Sustainable Development Goals (SDG) i.e. Decent work and economic growth. The topic for the webinar was 'Creativity equals Employability' and the speaker was Mr. Mike Knowles (Design Educator and Practitioner, Visiting Professor University of the Arts London, Emeritus Professor Rishihood University School of Creativity). He explained how important it is to shift to intellectual capitalism. The audience's interaction and queries made the webinar even more interesting, informative and fun.

MRU Entrepreneurship Cell organized "EMPATHEIA" an expository writing competition on 28th June 2021
Empathy is one of the most important entrepreneurial skills. Keeping this in mind MRU Entrepreneurship Cell organized "EMPATHEIA", an expository writing competition on 28th June 2021. The participants were asked to submit a write-up that described with whom and what they empathized the most within their environment and what innovative solutions they wish to build and offer.

FACULTY ACHIEVEMENTS

Dr. Meena Kapahi, As. Prof. & Coordinator Accreditations and International Relations, MRU

- Delivered a session on the "NAAC Preparation Documentation" in the STC on Accreditation for Quality Assurance (NBA and NAAC Guidelines) organized by Media Engineering Department, NITTTR (Chandigarh) from Nov, 2020.She emphasized the accuracy of data and other information that form a part of the SSR which is thoroughly verified and validated during DVV stage.

Dr. Sangita Banga, Dean Academics, MRU

- Delivered a session on the "NAAC Process - Revised Accreditation Framework" in the STC on Accreditation for Quality Assurance (NBA and NAAC Guidelines) organized by NITTTR (Chandigarh) from Nov, 2020. She discussed extensively the NAAC process including QIF and the benefits of the NAAC process in her session.

Dr. Aditya Sharma

- Appointed as a Guest Editor in International Journal; Applied Nanoscience (Springer Nature).

Dr Manmeet Bali Nag

- Nominated as Innovation Ambassador by IIC & MHRD.

Dr. Geeta Thakur(Prof. & Head, Academic Staff Leadership Institute, MRU)

- Resource person for the Webinars conducted by Homi Bhabha Centre for Science Education, Mumbai on the topic "Making e-teaching more Interactive" in July 2020.
- -Resource person for the International conference on topic "Mendeley for Reference Management " organized by Department of Civil Engineering MRIIRS on 9th July 2020.
- -Resource person for the National Online workshop on "e-Teaching" organized by Brajrajnagar Regional Institute of Education, Bhubaneshwar,Orissa on the topic "Making learning interactive with Google classroom" on 27th Sept 2021.
- Resource person for the development of MOOC on the topic Professional practices of the course on Continuous Professional Development organized by AMU Centre-Malappuram, & MES Pillai College of Education & Research in collaboration with UGC HRDC University of Kerala from 21 to 27 Sept 2020.
- Resource person of the session for Ph.D course on topic "e-Teaching e-Evaluation" organized by Department of Education, Kolhapur University on 15th Dec 2020.
- Resource person of the session "Assessment and Rubrics' ' of FDP on "Designing Outcome Based Education' ' organized by Centre for Academic Leadership, MRU in collaboration with MRIIRS on 23rd Dec 2020.
- Invited as a resource person for the session on "Reference Management Software: Mendeley" conducted by MRU on 22nd May 2021, for their faculties and Ph.D. scholars.

FACULTY ACHIEVEMENTS

Dr. Savita Sharma (As. Prof., Faculty of Education and Humanities, MRU)

- Conducted a technical session of the workshop on Activity Based Learning (as a resource person) organized by the Centre for Academic Leadership, MREI, on 29th Aug 2020.
- Two days of online national-level FDP as a resource on the theme 'Mindfulness in Classroom' organized by Dev Samaj College of Education, affiliated to Punjab University on 4th and 5th July 2020.
- Conducted a workshop on the theme of Integrating Mindfulness with Education for the Teachers of MRIS on 30th Oct 2020 and 6th Nov 2020 through online mode.

Mr. Chandra Prakash Singh (As. Prof., Faculty of Education and Humanities, MRU)

- Conducted an online session in the National Webinar "RPWD Act 2016 – A Milestone in the Field of Rehabilitation" on 10th November 2020
- Conducted an online session on "Arts Integrated Learning for Children with SLD" as a Resource Person in the CRE Programme on "Understanding Specific Learning Disabilities – Assessment Diagnosis and Intervention" conducted by NIEPID Regional Centre, Navi Mumbai on 08th Dec 2020.

Mr. Sharv Dutt Anand(As. Professor, Faculty of Education and Humanities, MRU)

- Conducted an online session in the National Webinar "ICT ENABLED LEARNING: PROMOTING INCLUSION" on 26th Nov 2020.

Dr Sujata Nayak(Prof. and Head, ME Department)

- Chaired the session at the Scopus Indexed International Conference titled "International Conference on Futuristic and Sustainable Aspects in Engineering and Technology" ((FSAET-2020), organized by GLA University, Mathura.

Mr. Piyush Mahendru, (ME department)

- Delivered an Expert Lecture in Delhi Chapter of ISHRAE July, 2020 through ZOOM.
- Delivered an Expert Lecture in Delhi Chapter of ISHRAE 13th Aug, 2020 through ZOOM on "Introduction to VRV Systems".

Dr. Sanjay Singh(As. prof. CST Department)

- Jain, Arpit; Kumar, Aman; Shukla, Anand Prakash; Dwivedi, Rakesh Kumar; Garg, Hitendra; Bhardwaj, Ankur; Yadav, Pramod Kumar; Singh, Sanjay; Singh, Satyendr and Agrawal, Rohit, Associate Professor, CST Department, published a patent SEF: Smart Educational Framework: Smart AI-IoT based educator monitoring and content availability alert system, Publication date 25th Nov, 2020, Patent office: Australia , Patent number:20201026

FACULTY ACHIEVEMENTS

Dr. Parneeta Dhaliwal (Prof., CST Department)

- Delivered a talk on "Handling Data Diversity using Machine Learning" in the online FDP entitled Computational Intelligence Technique for Machine Learning held at JUIT, Waknaghat, on 3rd Sep, 2020.
- Appointed as an esteemed editorial member of the journal entitled "iResearch International", by the SIRS on 9th July, 2020.

Dr. Mrinal Pandey - EXTERNAL ASSOCIATION

- Associated with Microsoft Azure AI Fundamentals as a Program Advisor.
- Associated as a member of Project Review steering group (PRSG) for the Project Entitled" Machine learning approach for suspect face retrieval using verbal description given by an eye witness" associated with Ministry of Electronics and IT (MeitY) for the implementation by GLA University Mathura.
- Associated as a member of Project Review and Steering Group (PRSG) for the Project Entitled "Design & Development of Artificial Intelligence framework using Data Analytics for detection of Chronic Illness from Retinal Images" being implemented by Centre for Development of Advanced Computing (Mohali) and Government Medical College & Hospital (GMCH)(Chandigarh).
- Invited to deliver an Expert Talk on "AI and Machine Learning: A Research Approach on 10th Dec 2020 in GLA university, Mathura.

Dr Sandeep Kumar, Associate Prof. in physics

- Delivered a talk "Introduction to Plasma and its applications" on 04th June 2021, in one week online Value Added Course on "Advanced Materials and Their Pathways (AMTP-2021)" organized by Department of Physics, J. C. Bose University of Science and Technology, YMCA, Faridabad from 31st May to 04th June 2021.

Dr. Arpit Sand Associate Professor in Chemistry

- Delivered talk in one week Short term course on theme 'Advanced Materials For Atma Nirbhar Bharat' in organized by J C Bose University of Science and Technology, YMCA Faridabad, Department of Chemistry in association with American Chemical Society (ACS) & VIBHA (Vigyan Bharati) Faridabad during 13-28 February 2021.

Dr. Sujata Nayak

- Chaired the Session in 1st ICMI held on February 26th-27th Feb, 2021 organized by Association of Engineers and Technocrats, FoE, SGT University, Gurugram.

FACULTY ACHIEVEMENTS

Dr.Shruti Vashist

- delivered a lecture in a Webinar on 15.5.21 conducted and Organized by the Institution of Engineers (INDIA) , IE(I). The occasion was World Telecommunication day and the topic was Accelerating Digital Transformation in Challenging times also attended Expert talk on "Accelerating Digital Transformation in Challenging Times"conducted by Institute of Engineers on 15.05.2021 also attended FDP on "Recent Trends & Innovation in Electronics Engineering"conducted by IIMT college of Engineering, Greater Noida on 08.08.2020 also attended workshop on "Rain Water Harvesting: Artificial Recharge & Roof Top Rainwater Harvesting by Mr.Ranjan Ray and Prof Jatinder Sehgal"conducted by MRIIRS, Faridabad on 25.07.2020 also attended webinar on "Period – End of Sentence', A village girl journey by Ms.Sneha"conducted by MREI on 2020 also attended webinar on "Leadership Talk 2020 in memory of Padma Shri Dr. Pritam Singh" conducted by MREI on 04.09.2020.

Dr Pragati Chauhan

- received a letter of appreciation at the 'Start me-UP Awards', on 25th June 2021 organized by NEN a wadhwani foundation initiative to appreciate the efforts of its Global Jury members who evaluate promising student ventures across the globe and was selected among the Top 28 teams to enter in the Grand Finale of YTBC 2021.han was acknowledged and presented with a Virtual Memento for her contribution as a Mentor in the Top 100 Finalist of the Young Tycoons Business Challenge (YTBC) 2021. Her mentoring support to a team also Received a letter of appreciation from NEN Wadhwani foundation as Global Jury to evaluate more than 15 student practice Ventures on the You Noodle Platform.

Dr Pragati Chauhan, Dr Manmeet Bali Nag and Dr Subodh Saluja

- conducted sessions on Innovation and entrepreneurship in other institutes and colleges like JIMS, IILM Gurgaon as certified Innovation Ambassadors by Innovation & Incubation Council (IIC) Ministry of Education.

Dr. Sachita Yadav

- was Session Chair for Technical Session-3 at the International Conference on "Embracing Change & Transformation Walkthrough Innovation" held in June, 21 in K. R. Mangalam University Also with Scholar (Sunny Bansal) Research Paper Published in International Journal of Disaster Recovery and Business Continuity, EBSCO Host Vol.12, No. 1, (2021), pp. 94–106,Title- Comparison of Teaching Competency of Government and Private Primary School Teachers in Haryana.

FACULTY ACHIEVEMENTS

Dr Seema Gupta, Associate Professor, Faculty of Law, MRU

- gave a lecture on Legal Awareness for Girls on the topic "Mann ki Baat - Role Model for Girls" Program in Government Model Sr. Sec. School , Uncha Gaon, Ballabhgarh on 23/01/2021.

Ms Sakshi Bahuguna, Assistant Professor, Faculty of Law, MRU

- was Invited Speaker in Webinar on Equality which was Online Organized by DSW on 16/01/2021.

Dr Seema Gupta, Associate Professor, Faculty of Law, MRU

- participated in an Event "Express It" a tribute to Subhash Chandra Bose , where she was the judge.

Dr SK Bose, Associate Professor, Faculty of law, MRU

- gave a lecture on Cyber Law to CSE, FET, MRIIRS on 17th feb 2021.

Ms. Chaitali Wadhwa, Tutorial Faculty, Faculty of Law, MRU

- was invited as Judge-Arbitrator at Moot Shanghai, in the 11th edition of Moot Shanghai, held on March 8 to 12, 2021.

Dr. Rashi Banerji

- Received Elite + Silver NPTEL certificate in 8 weeks 'Behavioural and Personal Finance' course

Dr Pragati Chauhan and Pratima Singh

- paper titled "A Study of Gamification in Employee Training in the IT Industry with Reference to AMO Theory" has been published in NOLEGEIN Journal of Performance Management & Retention Strategies

Dr Manmeet & Jayanti Sahay

- Research Paper titled-Work Life Balance & Flexi timings– An analysis of sectoral population & its impact of competitive advantage, under process after getting approved for publication in "International Journal of Psycho-social rehabilitation"

Dr Pragati Chauhan & Mr Dhanraj Poswal

- Research Paper Published In Journal of Asian Finance, Economics and Business ,Article Title: "Do Oil and Gas Companies Comply with Requirements of IFRS 6: Evidence from India and Global Companies". [Electronic ISSN: 2288-4645 Print ISSN: 2288-4637].
- The Right Approach to Understanding Student Higher Education (RUSH) a unique program for students of Grade IX to XII to acquire insights into the hand-on training on preferred Career Group. This was a 2 week program.Dr. Parul and Dr. Subodh were the RUSH mentors of the Money RUSH program.Dr Sachita Yadav was the Resource Person for the Financial Modeling session under the Money Rush. Dr. Priyanka Singh was the Resource Person for the Healthcare Management Session. Ms Vandna was the Resource Person for the Operations Management.Dr Animesh Singh was the Resource Person for the Business Analytics session.Dr Pragati was the Resource Person for the New Venture Creation and Design Thinking Workshop session.

FACULTY ACHIEVEMENTS

Dr. Babita Parashar

- conducted a workshop "Online Methods of TESOl" for Foreign Language Dept. Staff, NSU, Naryn, Kyrgyzstan on 12th Jan 2021
- was a resource person on 'Social Emotional Learning' on 25th Feb 2021.Organized by School Leadership Academy.

Mr. Chandra Prakash

- was invited as a resource person in a CRE Programme on "Vocational Assessment" for a session on "Art Integrated Learning". Feb 1-5, 2021. Also on the theme "Pre-Academic Skills Pre Reading, Writing and Math" for a session on "Assistive Devices & Accessibility for Adult Independent Living". Feb 26-27, 2021
- conducted the following training sessions as a Resource Person in the Teacher Orientation Program for Directorate of Education,New Delhi-

1. "Universal Design for Learning"at GBSSS Jangpura, 31st March 2021.
2. "Assessment and Identification of Needs" at Rani Jhansi SKV School, Prahaladpur, 27th March 2021

- Conducted the following training session as a Resource Person for the National Consortium of Training Institutions in India-

1. "Models of Community Based Rehabilitation", 26th March 2021.
2. "Community Based Rehabilitation", 25th March 2021.
3. "Self-Advocacy", 19th March 2021.
4. "Community Participatory Rehabilitation", 18th March 2021.
5. "Resource Mobilization", 12th March 2021.
6. "Creating Community Awareness", 11th March 2021.
7. "Specific Learning Disability: Easy Steps for Identification and Intervention",6th March, 21

- conducted an online session on "Prerequisites of Adult Independent Living" as a Resource Person in the CRE Programme on "New Educational National Policy 2020" conducted by Chamunda Mata Bahuddeshiya Vikas Parisar Dhule Sanchalit D. Ed. Spl. Edn. (ID) College Tal – Parola, District – Jalgaon on 12th March 2021.
- was invited as a resource person in a CRE Programme on "New Educational National Policy 2020" (January 29-30, 2021).
- Delivered an expert talk as a resource person on the topic 'New Education Policy 2020 - Universal Human Values' on 3rd October, 2020 organized by MRU.
- conducted an online session on "Teaching Learning Interventions for Inclusive Classrooms" as a Resource Person, at CIET-NCERT, New Delhi by NCERT,8th April 2021.
- conducted an online session on "Need and Principles of Inclusive Education" as a Resource Person in the CRE Programme on "Inclusive Education" conducted by Chamunda Mata Bahuddeshiya Vikas Parisar Dhule Sanchalit D. Ed. Spl. Edn. (ID) College Tal – Parola, District – Jalgaon, on 14th May 2021.
- conducted an online session on "Right to Education Act - 2009" as a Resource Person in the CRE Programme on "Rights & Entitlements" conducted by Aadhar Shikshan Sanstha, Yelvi, Sangli on 06th June 2021.

Mr. Sharv Datt Anand

- delivered an expert talk as a resource person in "Webinar Empowering Children with Special Needs with Special Reference to RPWD ACT- 2016" on 6th March 2021.
- Faculty of Education and Humanities organized a National Webinar on "Stress Management During COVID-19 Pandemic" at MRU on 22nd April 2021.
- delivered an expert talk as a resource person in the international webinar on "Special Education in Kashmir" conducted By Wolur- Telecast (London) on 11th April 2021.

FACULTY ACHIEVEMENTS

Dr. Savita Sharma

- Received the appreciation for being the Judge of 'Dazzeltainment-Unleash your talent' event as part of the Annual Language Fest - "Transcendence, 2021" on the theme "Marching Towards a Better Tomorrow" on April 20, 2021 organised by Manav Rachna Centre of Foreign Languages.
- got the opportunity to be working as an expert on the Validation of the tool on Spiritual Intelligence for the Ph.D. research scholar registered with Central University of Gujrat.
- has been invited as a resource person for a lecture on "Mindfulness in Education" organised by District Institute of Education and Training, Karkardooma on 17th May 2021.
- has been invited as a resource person for the extension lecture on the theme "Mindfulness: Critical Life Skill for 21st Century Learners" organised by Rawal College of Education on 1st June 2021.

Dr. Pooja

- has been selected as "IYS Deputy Country Coordinator – WSDA New Zealand".

Dr. Babita Parashar

- presented a research paper on "Digital Initiatives in Higher Education in India: A Leap to Achieve SDG4" in the national conference (Modern Education Technologies Edu Tech KG 2021) Conducted by Kyrgyz Republic and the National Team of Higher Education Reform Experts on 18th May 2021.
- launched the MOOC course on "Social Emotional Learning: Learning to be" under UNESCO mentoring program.

The following lectures were given in RUSH 2021(by MRU) in June 2021 -

- "National Education Policy" , "Mindfulness" and "Connecting with Culture" by Dr. Savita Sharma.
- "Nurturing Reading Habits" By Dr. Ritu Sharma
- "Power of One" and "Nurturing Reading Habits" Dr. Chhavi Kulshreshtha.
- "Universal Design for Learning" and"Design your Creative" By Mr. Chandra Prakash.
- "Pestle Analysis" and "Personality" by Ms. Ridhi Khanna.
- "Creative Designing" by Shav Datt.
- "Inclusion" by Dr. Rashee Singh.
- "The Idea and Practices of Global Citizenship" by Mr. R K Sanayaima Singh.

Dr. Rashee Singh

- presented a research paper on "Employing constructivism in pedagogy embedding digital technology to instill required 21st century skills in future learners" in the International conference - Changing paradigms to succeed post pandemic(Anew beginning: Metamorphosis- overhauling-threats-opportunities) Conducted by Conducted by TIS and Dept. Of Economics, KSKV Kachchh University in online mode on 20-21st May 2021.

Ms Mamta, Dr Rashee Singh, Dr Kiran Gupta

- published a research paper "A review of academic achievement in relation to study habit as influencing factor" in NIU International of Human Rights on May 2021

FACULTY ACHIEVEMENTS

Special Mentions

1. Prof. (Dr.) Pradeep K. Varshney Dean Research, MRU

- Invited as a speaker to deliver a talk in online mode on 16 June 2021 on "Business Intelligence" at ED Cell and IIC of IIMT, Greater Noida.
- Invited as a speaker to deliver a talk on "Alignment of Research and Innovation activities towards Sustainable Development Goals (SDGs)" on 19.06.2021 in 3rd International Conference on Recent Trend on Science and Technology (ICRTST-2021) organized by Maa Shakumbari Trust Greater Noida from June19-20, 2021
- Delivered a webinar on "Prototype Validation and Converting Prototype into a Startup" organized by Institute Innovation Council of MRU, Faridabad on 26th June 2021.
- Invited as Resource Person Chaired a Technical session on 20.06.2021 in 3rd International Conference on Recent Trend on Science and Technology (ICRTST-2021) organized by Maa Shakumbari Trust Greater Noida from June 19-20, 2021.
- Mentoring a startup idea to develop Nano Material based Portable water based treatment in the name of "JanNeer" (Water for Commons) by Dr. Sudeep Shukla sponsored by Manav Rachna NewGen IEDC scheme 2019-20 worth Rs. 2.5 Lacs. (May 2020)
- Mentoring a startup idea to develop "Deno" A soap Recycling Startup" by Anvay belongs to Hyderabad under the banner of Young Tycoons Business Challenge (YTBC)-2021. (June 2021)

2. Dr. Mrinal Pandey

- Associated with Microsoft Azure AI Fundamentals as a Program Advisor.
- Associated as a member of Project Review steering group (PRSG) for the Project Entitled "Machine learning approach for suspect face retrieval using verbal description given by an eye witness" associated with Ministry of Electronics and IT (MeitY) for the implementation by GLA University Mathura.
- Associated as a member of Project Review and Steering Group (PRSG) for the Project Entitled "Design & Development of Artificial Intelligence framework using Data Analytics for detection of Chronic Illness from Retinal Images" being implemented by Centre for Development of Advanced Computing (Mohali) and Government Medical College & Hospital (GMCH)(Chandigarh).
- CDAC, West Bengal (Kolkata) team announced as the Winner in "Agri AI Grand Challenge, 2021" , for Use Case "A Real-time Price Discovery Solution for Agri–Commodities at e-Market Places" with the mentorship support from Dr. Mrinal Pandey, Associate Professor, Computer Science & Technology Manav Rachna University.
- Invited to deliver an Expert Talk on " AI and Machine Learning :A Research Approach on 10th Dec 2020 in GLA university, Mathura.

FACULTY ACHIEVEMENTS

3. Dr. Babita Parashar (Dean, Faculty of Education and Humanities, MRU)

- Invited as a resource person in a national level webinar on the theme 'New Education Policy 2020' conducted by Raja Harpal Singh Mahavidyalaya, Jaunpur on 31st August, 2020.
- Delivered an expert talk as a resource person on the topic 'New Education Policy 2020 - Universal Human Values' on 3rd October, 2020 organized by MRU.
- Delivered an expert talk as a resource person on the topic 'New Education Policy - 2020 through the Lens of Inclusion' on 2nd November, 2020 organized by MRU.
- Invited to present her work on 'Open Educational Resources and School Facilitators in India: Awareness to Implementation' at Open Education Global Conference 2020 hosted by Open Education Global forum, Taipei from 16-20 Nov, 2020.
- Delivered invited talk on 'Digital Pedagogies and Online Assessment tools' for faculty members of Department of English, Naryn State University, Naryn, Kyrgyzstan on 12th January, 2021.
- Delivered an invited talk on "Universal Human Values: Dire need of the society" at K.R. Mangalam University, Gurugram on 19th April, 2021.
- Conducted Capacity Building training for Early years teachers of Manav Rachna International Schools on the theme, " Social Emotional Learning' on 26th May, 2021
- Conducted Capacity Building training for Primary Schoolteachers of Manav Rachna International Schools on the theme, " Social Emotional Learning' on 27th May, 2021.
- Hosted Webinar on the theme, "EQ Vs IQ: A perspective" with Vellore Institute of Technology, Velore on 13th June, 2021.
- Hosted Webinar on the theme, "Social Emotional learning as a joint responsibility: A perspective" with School of Education, IGNOU 23rd June, 2021.
- Hosted Webinar on the theme, "Social Emotional learning and Teacher Education: A perspective" with Focus high School, Hyderabad on 06th July, 2021.

4. Ms. Riya Sapra

- Delivered a talk on 'Blockchain' at HackMru: Lite organised by IEEE MRU Student Branch and Manav Rachna University on 22nd July 2020.
- Delivered a talk on 'Blockchain' for Manav Rachna International Schools Teachers' Training on 6th March 2021.

FACULTY ACHIEVEMENTS

5. Dr. Sachin Lakhra

Publication:
Gupta, S., Lakra, S., & Kaur, M., "Study on BERT Model for Hate Speech Detection". In 2020 4th International Conference on Electronics, Communication and Aerospace Technology (ICECA) (pp. 1-8). IEEE, Coimbatore, India, 5-7 November, 2020. DOI: 10.1109/ICECA49313.2020.9297560

PhD Thesis Guidance-

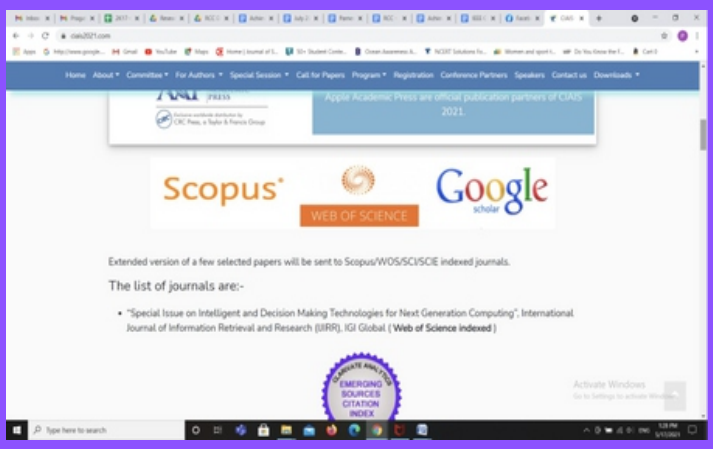
Name of PhD Scholar	: Ms. Shailja Gupta
Guide	: Dr. Sachin Lakra, PhD
Department	: Department of Computer Science and Technology, Faculty of Engineering, Manav Rachna University
Title of PhD Thesis	: Automated Hate Speech Detection For User Comments On Online Platforms
Major Area	: Artificial Intelligence
Focus Area	: Natural Language Processing and Machine Learning
Status	: Thesis submitted
Month and Year of thesis submission	: February 2021

6. Dr. Parneeta Dhaliwal

- Editorial member, iResearch International Journal by the Society for Information Research and Studies (SIRS), since 9th July, 2020
- Core Team Member for National Initiative- Samarth Helpline (National helpline for Elders) against Coovid19, Samarth Eldercare. May-July,2020.Helpline supported by Hindustan Times, SBI, Coca Cola India and Unilever as a social initiative with Samarth Eldercare. It has already helped 1500 cases so far in 40+ cities across India.
- Member, AEIC Annual Academic Committees since 6th May, 2021.
- Convener. International Conference on Computational Intelligence in Analytic and Information Systems (CIAIS- 2021), MRU on 2-3 April 2021.
- Delivered a talk on "Handling Data Diversity using Machine Learning" in the online FDP entitled as Computational Intelligence Technique for Machine Learning held at JUIT, Waknaghat, on 3rd Sep., 2020.
- Invited as Session Speaker at National Power Training Institute, Faridabad under Ministry of Power, Govt. of India. Dr. Parneeta Dhaliwal , Associate Professor, Department of Computer Science and Technology, Manav Rachna University, was invited to deliver a one-day session on the topic 'Big Data' as part of the Post Graduate Diploma course for Power Plant Engineering students. The program is being attended by Graduate Engineers from all over India.The certificate course is being run by National Power Training Institute, Faridabad under Ministry of Power, Govt. of India.
- Invited as Session Speaker at the National Level Webinar organized by Shri Kumarswami Mahavidyalaya, Latur, India on 1st Aug. 2021 to deliver an online session on the topic 'Data Science For All'.

STUDENT ACHIEVEMENTS

An International conference CIAIS-2021 was organized by Dept. Of CST, MRU on 2nd-3rd April, 2021. The RCC student team comprising of Ravi Prakash(BTECH CSE 5C), Sanchit Bajaj(BTECH CSE 3B) and Harsh Mittal (BTECH CSE 3B) have been regularly working to update the website as per the latest data.



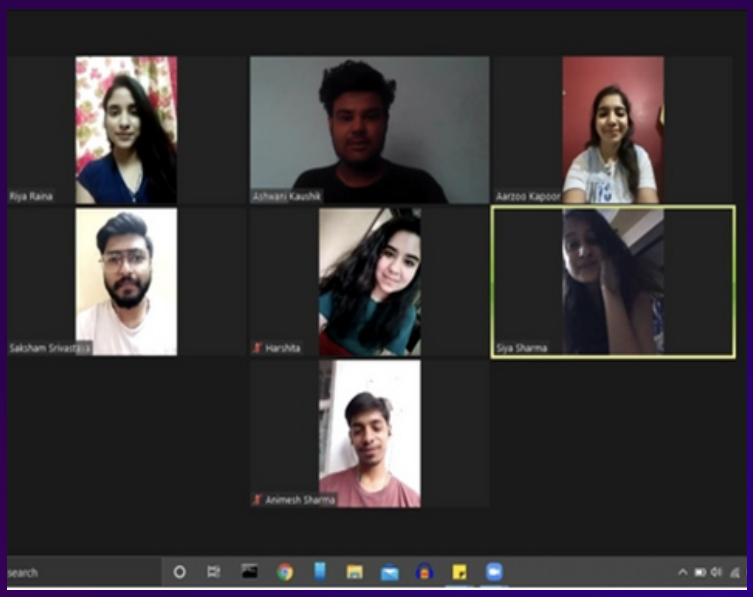
Team Psycrypters comprising of Minhajul Hossain (CSE 7A), Parul Taneja (CSE 7C), Deepak Rana (CSE 7D), Naman Gupta (CSE 7A), Parikshit Sharma (CSE 6C) and Prince (CSE 6A) was shortlisted for the final round of SIH Hardware Edition 2020. The team was supported by the University to bear the financial aspects of their project.

Project Khabare

A news application that helped users to manage their news preferences and get news without any user credentials was developed by Akash Dubey, RCC student member, B.Tech CSE 6B under the mentorship of Prof. Parneeta Dhaliwal. This project participated in the Atma Nirbhar Bharat App Innovation Challenge 2020.

STUDENT ACHIEVEMENTS

Samarth Helpline (National helpline for Elders):
A team of MRU students under the mentorship of Dr. Parneeta Dhaliwal, Associate Professor, MRU worked as part of the core team for a National Initiative- Samarth Helpline for Elderly against Covid19 during June-July, 2020. The helpline was supported by Hindustan Times, SBI, Coca Cola India and Unilever as a social initiative with Samarth Eldercare. It has already helped 1500 cases so far in 40+ cities across India. The student team was composed of Ashwani, B.Tech CSE 5C, Saksham B.Tech CSE 5A, Harshita B.Com LLB 5, Animesh B.Com LLB 5, Riya B.Tech CSE 5C, Pranav B.Tech CSE 3B, Aarzoo Kapoor B.Tech CSE 5, Siya Sharma B.Tech CSE 3C.



Akash Dubey, RCC student member, B. Tech CSE 6B offered his services as a Backend Developer in Rnd Expert (USA based Company) from July 2020 – October 2020. He also experienced the flow of database and backend servers.

GURUKOL

CERTIFICATE
OF EMPLOYMENT
is presented to
AKASH DUBEY

For offering services as a Backend Developer in our company (July 20, 2020 - October 30, 2020).

We congratulate him for all the hard work and appreciate his sincere efforts in completing all assigned tasks diligently. Wishing him luck for his future endeavors.

ALL THE BEST

6 November 2020
DATE

SIGNATURE

EMPOYMENT CERTIFICATE

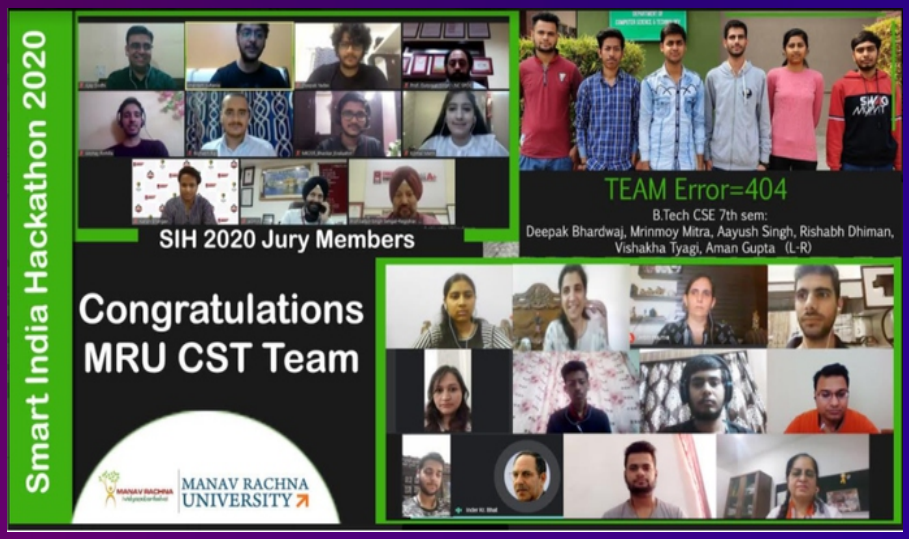
STUDENT ACHIEVEMENTS

Students Achievements-

- Multiple Students of Manav Rachna University represented India in Tokyo Summit II, 2nd International Conference On Innovative Studies Of Contemporary Sciences, including the following-
  - Ridhima Nehra (M.Sc. Maths) presented and later published the paper titled- "Comparison of Image Denoising using Wavelet Transform and Wavelet Packet Transform"
  - Ridhi Bhatnagar (M.Sc. Maths) presented and later published the paper titled- "Image Processing using Multiscale Transform: A Review".
  - Rajkumar (M.Sc. Maths) presented and later published the paper titled- "A Literature Review of Linear Programming Problems: Based on Case"
  - Sapna(Ph.D. Chemistry) presented the paper titled- "Synthesis of biodegradable Hydrogels PIAc by inverse suspension polymerization"
- Some Students of Manav Rachna University represented India in 30th Conference on Scientific Research Virtual Conference, Turkey, including the following-
  - Rishu Bhati and Yuganshi Chauhan for publishing a paper titled "Heavy Metal Detoxification by AMPS copolymers".
  - Deepanshu and Aanchal Gupta for publishing a paper titled "Effect of natural adsorbents for treatment of industrial waste water contaminated with iron and lead".
- Ankita Yadav, M.Sc.(Maths), Sem–III presented the paper entitled "Image Denoising using Wavelet Transform and Shearlet Transform" in the "Middle East International Conference On Contemporary Scientific Studies-IV"at Beirut, Lebanon during Nov 1-3, 2020
- Ankita Yadav, M.Sc(Maths), Sem–III participated in a two week workshop on "Scientific Computing Using Matlab and Python (SCMP-2020)" organised byJ.C Bose University of Science and Technology ,YMCA, Faridabad from Sep 7-18 ,2020.
- Ankita Yadav, M.Sc. (Maths),Sem–III participated in an online Webinar organised by Manipal Academy of Higher Education Manipal on 30th Aug 2020.
- Ashish Yadav B.Sc(H) Maths, Sem–V presented a paper entitled Presented paper entitled "Mathematical modelling of Agricultural system: A case study of crops production" in "5th International Conference On National Conference on Recent Trends in Science & Technology (RTST-2020) held at MRIIRS,Faridabad.
- Simran Khanna B.Sc(H) Maths, Sem–V participated in a Poster making competition organised by the Department of Mathematics, MDU held on Dec 22,2020.
- Nisha, B.Sc(H) Maths, Sem–V, participated in a one week National workshop on "Vedic Ganit (Webinar)"at Kashi Hindu Vishwavidyalaya from Nov17-23,2020.
- Shrey Bisht, B.Sc(H) Maths, Sem–I, participated in the Valorant Tournament organised by DSW,MRU on Dec 26, 2020.
- Divija Sekhri, B.Sc(H) Maths, Sem–I, participated in MASK-O-MANIA organised by DSW,MRU on Dec 24,2020.
- Prakash Sharma,Yash Sharma, B.Sc(H) Maths,Sem–I participated in Micro training on traffic distancing organised by Drive safe club on Sep 09, 2020

STUDENT ACHIEVEMENTS

- Aarti Narwat, Rashmi Bhati, and Monika Bhadana presented a paper entitled "An Assessment of Water Quality of the Major Cities of Haryana - A Review in Online Conference Recent Trends in Science & Technology (RTST - 2020)" Organized by Department of Applied Sciences, FET, MRIIRS, Faridabad, November 21st 2020..
- Ms Mansi Dureja, MSc Physics has been awarded winner of "Best Presentation" award on "Review on Na ion batteries: Development and challenges", in the International workshop "Emerging Trends in Research Methodology in Condensed Matter, Materials Science and Nanoscience December 1- 7, 2020 [ETRMCMMSN 2020]" organized by The Neotia University, Sarisa, West Bengal.She Later presented a research paper, Review on Na ion batteries: Development and challenges, 4th International Conference on Soft materials, 13-18 December 2020, MNIT-Jaipur.
- 11 Pre final year students of the ME Department completed the MOOC course on a different platform with good scores. Total Number of online certification courses earned by students through NPTEL, EDX, Altair University or any other platform are 20.
- Karan Khandunja, 2nd year ME student, has actively participated in different Golf Tournaments .
- A research paper was presented by; Himanshu, Review on Li ion batteries: Present and Future aspects, 4th International Conference on Soft materials, 13-18 December 2020, MNIT-Jaipur.
- Team Error=404 of B Tech. CSE, MRU, is the proud WINNER OF SMART INDIA HACKATHON 2020 under Software Category. They represented MRU on problem statement of Ministry of Rural Development "MK206" (Non network intensive record keeping system for Self Help Group) virtually in online mode at Chandigarh University Nodal Centre, during the Grand Finale of Fourth Software edition (Online platform) of Smart India Hackathon- 2020, held on 1st to 3rd August 2020. Team Error=404 won the prize money of INR 1,00,000. Manav Rachna University congratulates the Team Error 404 comprising of BTech CSE 7th Sem students – Rishabh Dhiman, Mrinmoy Mitra, Aayush Singh, Deepak Bhardwaj, Vishakha Tyagi, and Aman Gupta, along with their mentors Prof Anu Priya Sharma and Prof Ankur Kumar Aggarwal.



STUDENT ACHIEVEMENTS

- Jishnu (BBA) Operations Management from the Department of Management and Commerce completed an internship in "YEF" Youth Empowerment Foundation as a volunteering intern. This platform provided him with an opportunity to collect funds for the betterment of Covid Warriors and contribute to society.Completed a Technology Consulting Virtual Internship in Deloitte from Inside Sherp.
- A research paper was presented by; Surekha Chaudhary; Study of Cu ion-implantation induced structural and electronic-structure modifications in SnO2 thin films, International conference on Ion-beams in Materials engineering and characterization (IBMEC-2020), December 8-11, 2020, IUAC, New Delhi.
- A research paper was presented by; Himani Saraswat; Assimilation and investigation of defect states in Cu ion -implanted SrVO3 thin films, International conference on Ion-beams in Materials engineering and characterization (IBMEC-2020), December 8-11, 2020, IUAC, New Delhi.
- Minhajul Hossian,(CSE 7th Sem) was selected to become one of the mentors for the Garuda Hacks event on 14 – 16 August 2020, Hackathon, organized by Garuda Hacks Indonesia's Premier Global Hackathon.
- Minhajul Hossian,(CSE 7th Sem) was selected to become one of the mentors for Hack the 6ix 2020 on 19 September 2020, Hackathon organized by Hack the 6ix.

Department of Mathematics

- Ms. Ridhi Bhatnagar, M.Sc. Mathematics IV semester [Batch 2019-2021] published a research paper entitled "Comparative Study of Wavelet Transform and Wavelet Packet Transformation in Image Denoising using Thresholding Technique" published in Scopus indexed journal "International Journal of Technical Research & Science (IJTRS)", Volume VI, Issue I, in January 2021.
- Ms. Sapna,M.Sc. Mathematics, (2018 – 2020 batch), published research paper entitled 'A Modified Hungarian methodology to solve assignment problem' published in Journal of Huazhong University of Science and Technology ISSN-1671-4512, Volume 50 2021.
- Riya Fagna, M.Sc. Mathematics IV Sem[Batch 2019-2021] presented a paper entitled "Noise Removal from Images Using Shearlet Transform" in the international conference "19 May Innovative Scientific Approach" held on May 19, 2021 at Samsun, Turkey.
- Ms. Ankita Yadav, Ms. Riya Fagna,M.Sc. Mathematics [Batch 2019-2021] published research paper entitled "Image Denoising Using Hard Threshold Techniques on Wavelet Transform and Shearlet Transform", published in Scopus indexed journal "International Journal of Technical Research & Science (IJTRS)", Volume VI Issue V, May 2021.
- Ms. Riya Fagna, Ms. Ankita Yadav student of M.Sc. Mathematics, [Batch 2019-2021] published research paper entitled, Noise Removal from Images Using Shearlet Transform, was published in conference Proceedings "19 May Innovative Scientific Approach " 19 May, 2021, ISBN:978-605-74407-7-8

STUDENT ACHIEVEMENTS

- Mr. Harendra Kumar Jindal, M.Sc. Mathematics, IV semester [Batch 2019-2021] , presented the paper entitled 'The Comparative study of transportation problem using VAM method', in a 'Virtual International Conference on Soft Computing, Optimization Theory and Applications(SCOTA 2021) ',held on March 26th -27th, 2021 at BIT Mesra, Ranchi, India.
- Mr. Shrey Bisht, B.Sc.(H) Mathematics II semester (Batch 2020 – 2023) authored an article entitled 'Why Entrepreneurship is a Solution for Unemployment' and was published in the eighth edition of MERAKI, the official newsletter of Manav Rachna University Entrepreneurship Cell. also volunteered in the Shooting World Cup for Rifle/Pistol/Shotgun in Dr Karni Singh Shooting Range Tughlakabad, New Delhi from 18th to 29th of March 2021.

Department of Physics

- Reena Kaushik, B.Sc. Physics VI Sem, presented the paper entitled "Behaviour of Ionospheric temperatures during low solar activity (LSA) and high solar activity (HAS)" in Second International Conference, ASSET-2021, held during May 2021 at KR Mangalam University, Gurugram.
- Reena Kaushik and Rohit Rawat, B.Sc. Physics VI sem – published the paper entitled "Behaviour of Ionospheric temperatures during low solar activity (LSA) and high solar activity (HAS)" in International Journal of Technical Research & Science (Special Issue) ISSN No.:2454-2024 (Conference Proceedings)

Department of Chemistry

- Divya Arora, Anjali Chaudhary, B.Sc. Chemistry VI Sem (Batch 2018-2021) presented a paper entitled "Recovery of Precious Metals from e-waste for sustainable development" in 3rd International Conference on Recent Trends Science and Technology ICRTST-2021 organized by Maa shakumbhari Trust, Greater Noida, during June 19-20, 2021.
- Aditi Pratap M.Sc. Chemistry IV Sem (Batch 2019-2021) presented paper entitled "Green hydrogenation with Plant-mediated Metal NPs supported heterogeneous catalyst" in 3rd International Conference on Recent Trends Science and Technology ICRTST-2021 organized by Maa shakumbhari Trust, Greater Noida, during June, 2021.
- Deepu, Anshu B.Sc.(H) Chemistry VI Sem (Batch 2018-2021) presented a paper entitled "Heterogeneous Catalyst Mediated Transesterification Reaction for Biodiesel Production for a Healthy Environment in 2nd International Conference on Climate Change" held in Kuala Lumpur, Malaysia in May 2021.
- Ananya Julka (B.Sc.(H) Chemistry Batch 2018-2021) Bagged First prize at National Level Online Presentation competition hosted by Aggarwal college, Ballabgarh on 30-02-21.Won second prize at national level essay competition hosted by the science society of Hindu college, University of Delhi, in Scientia 21 on 2nd march 2021.Stood first in the road safety quiz held by NSS, IIT, Roorkee, 17-02-21.Stood third in the intercollege, "Onco Quiz" organised by IIChE chapter VIT, Vellore (held on 5th feb, 2021)

STUDENT ACHIEVEMENTS

Department of Mechanical Engineering

- Sanjay Singh, 2017-21 batch ME student has been selected by Dyson India at an annual package 5.07 LPA.
- Vaibhav Joshi, 2017-21 batch ME student has been selected by Lido Learning at an annual package of 4 LPA.
- Chandrahas Kumar and Syed Qurretulain Zaidi, 2017-21 batch ME students have been selected by Polymedicure Company at an annual package of 2.4 LPA.
- Ankur got the 3rd Position in "Go-Kart Design Competition" organized by the Department of Mechanical Engineering & Automobile Engineering, held on 28 April 2021 at IILM College of Engineering &Technology, Greater Noida.
- Karan Khanduja, B.Tech. Mechanical (with Specialization in Smart Manufacturing and Automation) Semester-2nd, participated in Shubhankar Sharma Golf Tournament organized by Ace Golf on 8th Jan 2021.also participated in The Ultimate Sprint Series Golf Tournament organized by The Ultimate Foundation on 12th Jan 2021 also came runner up in the Pgti-professional golf tour of India on 19th-20th March 2021 also participated in "Play Golf Gift a Life" Golf Tournament organized by Rotary Club of Delhi South from 14th April to 25th May 2021.

Department of Law

- Jishnu Bakshi, 8th semester student, volunteered for the Haryana State Legal Services Authority camp at the Punjab and Haryana High Court in February 2021.
- Kartik Sharma, 6th semester student, got his paper titled Restitution of Crime Victims, published in the book- Global Thoughts and Opinions bearing ISBN No. 978-81-947778-5-4 on March 2nd, 2021.
- Priyanka Walter, 4th semester student, assisted in organising the Charcha/ Law Dialogue on the occasion of Gender Championship Week, in collaboration with Manav Rachna Peace and Sustainability Club on March 10th, 2021.
- Priyanka Walter, 4th semester student, assisted in organising the "Chose to Challenge" event on the occasion of Gender Championship Week, in collaboration with Manav Rachna Peace and Sustainability Club on March 11th, 2021.
- Ishika Goel, 4th semester student, assisted in organising the Charcha/ Law Dialogue on the occasion of Gender Championship Week, in collaboration with Manav Rachna Peace and Sustainability Club on March 10th, 2021.
- Ishika Goel, 4th semester student, assisted in organising the Charcha/ Law Dialogue on the occasion of Gender Championship Week, in collaboration with Manav Rachna Peace and Sustainability Club on March 10th, 2021.
- Urvi, 8th semester student, secured a position of merit in the 2nd National Legal Quiz- Word Competition held by Lex Humanitarian Journal for Change on 17th and 18th April, 2021.
- Public Interest Litigation filed by Jeetender Gupta, LLM student in Delhi High Court seeking direction to provide interim custody of orphaned children due to COVID-19- news published in TOI on 08.05.2021.

STUDENT ACHIEVEMENTS

- Research paper by Anup Menon, LLM on Recognition of the third gender and the current status of Transgender laws in India: A critical analysis of the Transgender persond (Protection of rights) Act 2019 published in IJSLR Volume 7 , Issue 4 ISSN - 2393- 8250.
- Article titled "Interim Reliefs Through Courts In Arbitral Proceedings: Question Of Territorial Jurisdiction" authored by Mr Anup Menon, LL.M. student been published in Legal Armor on 22.05.2021
- Article titled Why COVID-19 vaccine shall be free for everyone in Indiaby Mr Anup Menon, LL.M. student published in The News Minute on 21.05.2021.

Department of Electronics and Communication Engineering

- Sarthak Negi, Vikas ECE 6th Sem, completed the course on "Feko 2020 for Electromagnetic Simulation Fundamental Examination" through Altair University during Summer Training.
- Tamanna Thakur, Shubham Panwar, Kunal Dang, ECE 4th Sem completed the course on "Feko 2020 for Electromagnetic Simulation Fundamental Examination" through Altair University during Summer Training.
- Kartik Rastogi, Tamanna Thakur ECE 4th Sem completed the Self-paced training course on "Image Processing Onramp" through MathWorks Training Services During Summer Training.
- Mr Shrey Chawla, BBA FAA student of 2016-19 batch ,has cleared the US CMA exam. He is now a Certified Management Accountant along with his bachelor degree.
- 10 Students from BBA FAA 2019 Batch Received CMA Scholarship.
- Mr Vivek Singh- FAA VI Semester got Placement as Event Activation Executive with D Art Pvt Ltd
- MOGLIX Inc. has selected 6 BBA SEM 4 (FAA) students on 4th March 2021 for a three month Internship.
- Jishnu Kopparapu got Placement with BYJUS as Operations Associate At a package of Rs 2 Lakh PA
- Hardik sharma got Placement with Lido Learning at a package of 4 lakh PA
- Rahul Sihag participated in state level Haryana rifle association
- Ena manchanda was the winner of sub- category of Mr & Miss royal star india 2K21 and received the best walk title which was judged by Tanya Sharma,Sagar Anand and Nitin Ahuja (MTV love school) The program was held on 14th march 2021 in Radisson gurugram Presented by ASV production.
- 8 students were selected for an internship at Atal Incubation Centre(AIC)-BIMTECH Noida. They successfully completed their internship in the month of July. Mr Pryansh Sikka was greatly appreciated for his work in an interaction with Dr Abha Rishi, CEO, AIC-BIMTECH & Chairperson, Centre for Innovation & Entrepreneurship Development.
- Rahul Thakur, B.Tech CSE 4th year, has been recognized as a NPTEL Discipline Star. He completed Six MOOC Courses in Computer Science & Engineering Discipline.The certificate of recognition has been awarded to him by SWAYAM-NPTEL.

STUDENT ACHIEVEMENTS

- Mr. Rudra ,students of II sem ECE-VLSI presented a project "Badminton Racket for Blind" in Toycathon 2020 and his idea was selected in the first round and also designed a scientific calculator using a software platform.
- Parag Kumar Garg, B.Tech CSE 4th year, has been recognized as NPTEL Discipline Star. He completed Eight MOOC Courses in Computer Science & Engineering Discipline.The certificate of recognition has been awarded to him by SWAYAM-NPTEL.
- Mayank Saxena, BTech CSE with Data Science & Machine Learning 4th Sem student got selected as an Intern (Graphic Designer) with Xebia.
- Gauri Verma, B.Tech CSE 2nd year, grabbed 2nd position in online group discussion on "Air pollution and its mitigation" at Environment Youth Forum 2021, Region Level, Zone1 online competition organized by Prayavaran & Ashoka University.
- Karan Aditya Ghoshal, BTech CSE 2nd Year joined KPMG-Egyde Cybersecurity, as Junior Cyber Threat Intelligence Analyst, with a package of 1.2 Lakhs per month.Karan with his expertise in this area, has got this opportunity and is currently devoting 40 hours per week for this role and is also pursuing his BTech CSE studies at University.

STUDENT ACHIEVEMENTS

Ravi Prakash

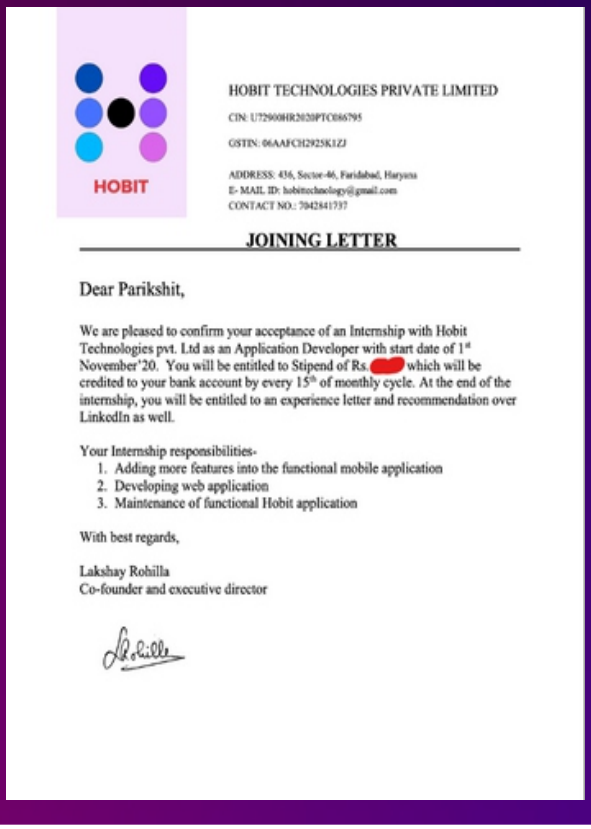
1. Consultancy Project
   -Delish Website: This is a consultancy project to develop ecommerce website
   -Ciais website this is the website for conference happening in MRU
2. Training: I have trained the students in web development in RCC. The program lasted 12 weeks.
3. Internships:
   -Trixno:
   Position Title: Developer
   Start Date: 20th Aug 2020
   End Date: 20th Oct 2020
   -Grafieks Analytics Limited:
   Position Title: Application development Intern

Parikshit Sharma (2K18CSUN01121)

1. Competition: (2020)
   -Hack RCDU
   -Bennet Hackathon
   -Hack NSC
2. Internships:
   -Hierophant Global Solutions (1.12.2020-1.01.2021)
   -Hobbit Technologies Pvt Ltd. (1.11.2020)
   -Pinak (02.02.2021)

Bharati Vidyapeeth's Institute of Computer Applications and Management (BVICAM), New Delhi
NSC
12th National Students' Convention 2020
(13th - 14th March, 2020)
This is to certify that Mr./Ms. Parikshit Sharma of Manav Rachna University (MRCMHEM) Participated / Coordinated / Worked as a Team Member in Hack BVICAM 2020 and secured — Position in NSC-2020 on "Computing for Nation Development" organised by BVICAM on 13th - 14th March
(Mrs. Parul Arora)
Dean Coordinator
A-4, Paschim Vihar, Rohtak Road, New Delhi-110063.

RAMANUJAN COLLEGE
(University of Delhi)
Accredited Grade 'A' by NAAC
ISO 9001-2008 Certified Organization
CERTIFICATE
This certificate is proudly presented to PARIKSHIT SHARMA for winning the 1st prize in HACKRCDU organised during Turington 2020 on 27th-28th Feb 2020 by The Department of Computer Science, Ramanujan College, University of Delhi.
We wish the awardee all the best for his/her future endeavors.
DR. KAMLESH KUMAR RAGHUVANSHI
TEACHER-IN-CHARGE
DR. S.P. AGGARWAL
PRINCIPAL
RAMANUJAN COLLEGE


HOBIT

HOBIT TECHNOLOGIES PRIVATE LIMITED
CIN: U72900HR2020PTC086795
GSTIN: 06AAFCH2925K1ZJ
ADDRESS: 436, Sector-46, Faridabad, Haryana
E- MAIL ID: hobittechnology@gmail.com
CONTACT NO.: 7042841737

JOINING LETTER

Dear Parikshit,

We are pleased to confirm your acceptance of an Internship with Hobit Technologies pvt. Ltd as an Application Developer with start date of 1st November'20. You will be entitled to Stipend of Rs. [redacted] which will be credited to your bank account by every 15th of monthly cycle. At the end of the internship, you will be entitled to an experience letter and recommendation over LinkedIn as well.

Your Internship responsibilities-
1. Adding more features into the functional mobile application
2. Developing web application
3. Maintenance of functional Hobit application

With best regards,

Lakshay Rohilla
Co-founder and executive director

IEEEBU
BENNETT UNIVERSITY
Certificate of Achievement
We present this to
PARIKSHIT SHARMA
for securing 5th position in HackPhoria, organised by IEEE BU on 14-15 February, 2020 at Bennett University, Greater Noida, Uttar Pradesh.
DEVESH RAJ
Map Analyst, Google LLC
DEEPAK GARG
HOD, Department of CSE
SHIVANI GOEL
Faculty Co-ordinator, IEEE BU
fold
Devfolio
Matic
Microsoft

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- Prashant Bhardwaj has published a research paper on "Remaining Useful Life Estimation by Stochastic Markov Model and Monte-Carlo Simulation" in the International Journal of Industrial & System Engineering.
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2.Biofuels Production – Sustainability and Advances in Microbial Bioresources Chapter-"Organic Waste for Biofuel Production: Energy Conversion Pathways and Applications" by Vinayak V. Pathak, Meena Kapahi, Roopa Rani, Jaya Tuteja, Sangita Banga and Versha Pandey published by Springer (2020).

3.Text Book on Competition Law by Dr. Versha Vahini published by LexisNexis(2020).

4.Diversity in Education: Learning in A World of Differences Chapter-"Embracing diversity in the classrooms through nurturing spirituality in teachers" published by Bookman Publishing House(2020).

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6. In the book 'Girl Education: Status, Initiatives and Challenges', chapter "Happiness on wheels for girls' empowerment: 'Blossom Bus' facility" by Dr Babita Parashar.

7. Book Chapter by Dr. SK Bose, "Intersectionality of Literature, Law and Culture" in Global thoughts and opinions, INLR (March 2021).

8. Dr Versha Vahini, Text Book on Indian Competition Law (2020).

MRCPS MANAV RACHNA CENTRE FOR PEACE AND SUSTAINABILITY

Bringing Butterflies Home
MRCPS in collaboration with the Bombay Natural History Society organised a webinar "Bringing Butterflies Home" on 15th July. The speaker, Mr. Sohail Madan, enlightened the participants about the life cycle and ecological roles of butterflies, and how we can create an environment suitable for them.

#Reallifeheroescampaign
On the occasion of World Humanitarian Day MRCPS organized #RealLifeHeroes campaign during the last week of August 2020.
The campaign aimed at people coming forward and narrating their real-life experiences to highlight humanitarian efforts especially during the pandemic and to express gratitude towards front line workers.

Webinar on Science and Spiritually
A webinar on "Science and Spirituality in daily life" was conducted on 15th September 2020. Rishiji Vidyadharji elaborated the scientific nature of meditation and the importance of spirituality in daily life. The participants were advised to practice meditation.

Meditation Workshop
Meditation sessions spanned over three days and were conducted by Heartfulness. The importance of meditation in daily life was emphasised further; the attendees were taught how to practice meditation. They were given tips on how to rejuvenate the mind and the importance of prayer was explained. The event was coordinated by Dr. Geeta.

Pragya - Poster making competition
Poster making competition "PRAGYA" was organized by team Parashakti on the auspicious event of Diwali. The aim was to embrace the beauty of inner-self, truth and morality over effigies. The themes were: "Know about the hidden Raawans of society" and "Stop ignoring the SEETA behind you".

Jazbaat article writing
Jazbaat, an article writing competition, was held on 23rd November 2020. The themes provided were, "Avoidance from society", "Role/Importance of transgenders in society" and "How to bring equality in the mindset of people?". The LGBTQ+ community is not given due respect and their rights are often violated; this event aimed at creating awareness and sensitivity towards the community in the society.

MRCPS MANAV RACHNA CENTRE FOR PEACE AND SUSTAINABILITY

Pride - Slogan writing competition
In the honour of trans week, Parashakti organized a slogan writing competition. The aim of the event was to celebrate the rights of LGBTQ+ community, to educate people that all the genders are equal and to further convey that they should be accepted in the society. The theme revolves around the current situation of LGBTQ+ community in our society.

Rang Campaign
On 25th November 2020, MRCPS organized the "Rang Campaign". Blue is the colour of trust and belief, students wore the colour to symbolise the end of brutality and violence towards women. The objective of the campaign was to bring attention of youth towards the current status of women in the society and to protect their interests.

Making every day sustainable - Workshop
MRCPS organized a workshop "Making Every day Sustainable" under "The Green Vogue Week" with participation from universities across India. The session delivered knowledge on making use of sustainable and recycled fibre, using eco-friendly processes that save water, minimise the discharge of effluents into water bodies and introduce sustainable fashion to the citizens. The participants were also provided with tasks which made the workshop interesting.

Eco Fashion
MRCPS organized 'Eco fashion', an infographic making competition. Participants from different prestigious colleges across India took part in this event, namely, IIT DELHI, NIET, Greater Noida, St. Joseph's Girls High School and many more on the list.

Choose to Challenge
MRCPS, in collaboration with the Law Department, organized "Choose to Challenge" on 11th March, 2021 in the light of Gender Champion Week. The aim of the event was to sensitise the audience, raise voice against gender stereotypes faced on a daily basis and also ask the audience to share their personal experiences.

MRCPS MANAV RACHNA CENTRE FOR PEACE AND SUSTAINABILITY

Antique to modish
MRCPS organized "Antique to Modish" under the Green Vogue Week, a competition wherein participants had to pitch their ideas on sustainable gifts. Participants from different prestigious colleges across India took part in this event, namely, IIT DELHI, NIET, Greater Noida, St. Joseph's Girls High School etc.

Puzzle Quiz
MRCPS organized 'Puzzle – Fashion Quiz'. 400+ participants from different prestigious colleges across India took part in this event, namely, IIT DELHI, NIET, Greater Noida, St. Joseph's Girls High School etc.

Webinar on "New empowered woman: woman with wings"
'Parashakti' in collaboration with the WICCI UP HR Council organized a webinar, "New Empowered Woman: Woman with Wings" on 19th December 2020. The speaker for the session, Sqn Ldr Dimple Rawat, delivered her views based on her personal experiences. Dr. Versha hosted the webinar along with the moderator, Ms. Anupam.

E-FASHIONOVA
On 26th December 2020, MRCPS organized "E-FASHIONOVA", an online fashion show. The event was judged by Miss Elina Chauhan, a runway model and MTV Fame. The event aimed at introducing sustainable fashion into the lives of people and reduce the environmental pollution caused by the fabric industry.

Kavyanjali: Poem Competition
MRCPS organized Kavyanjali, a poem writing competition. The themes, "Women empowerment " and "Justice for women". This competition provided students with an opportunity to showcase their writing skills as well as put forth their views on women's right and their current status in society.

CHARCHA
MRCPS, in collaboration with the Law Department, organized "Charcha- Law Dialogue" on 10th March 2021 in the light of Gender Champion Week. The aim of the event was to develop understanding and capability amongst the participants and to extend reasoned arguments, critical thinking and effective communication regarding gender issues.

DSW

NIGHTINGALE 2020 (Interuniversity Online events)

DSW, Student Council of MRU conducted an online fest NIGHTINGALE 2020 from 23 July -26 July.

Category: Fashion Events
Instant Fashion Designing Competition :
The theme provided was "Androgynous Fashion" and 48 hours were given to participants

Category: Arts Events
The Sketching Competition event :
No theme, participants from all over the world.Judges: Nitish Sharma, Anubha Vikram Monga.

Winner:
Lawrence Meju

Name of Sub Event :Doodle

Winner:
Amisha Sinha

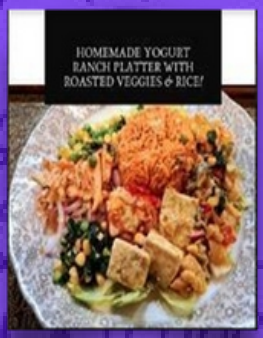
Name of the Subevent:
Painting Competition

Winner:
Shrutika Praveen Bhosle

DSW

Category: Entertainment Events

COOKING COMPETITION Plate se Pait Tak :



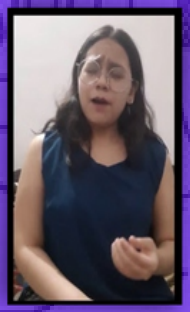
Category: Tech Events
The two events and winners are:

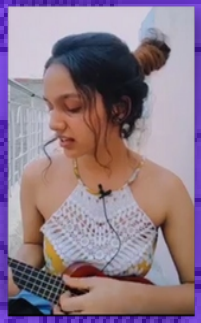
Coding Challenge-
1st - Ayush Kumar

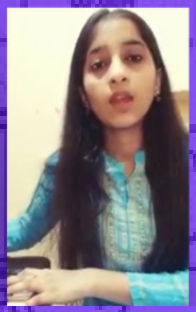
Web Development-
1st - Harsh Mittal

Category: Music Events
Musical extravaganza SURSHETRA was organized by MOKSHA.

Arshdeep of MRU stood first, followed by Riya Bhatt and Arya Rej from DU.







Category:

Dance Events
During this Lockdown period of Global Pandemic ,RUDRA organised the Solo dance competition REP-YOUR-STYLE and HIP-HOP,

Winners:
Purva Rana and Mago Bharat

DSW

Category: Literary Events

- Online Debate Competition on the topic "Universal basic income" was organized by the literary society REHNUMA. The winning team was Sudhanshu Shekhar Jha and Hadiya Ansari.
- Shayari Competition, ALFAAZ-E-ZINDAGI was organized. The theme for the event were Manzil, Pehchaan and Soch. Kshitiz Prasher was the winner.
- A Poem Writing Competition was conducted. The theme for the competition was Pride Month. Mallika and Madhu Ahirwar were winners.
- An Essay Writing Competition was conducted on the theme "Conditions of common man during pandemic". Kanika Tripathi won the first prize
- Group Discussion Competition was conducted on "Death Penalty should be abolished or not" and the on the spot topic was - "Encounter of Vikas Dubey was right?"

DRISHTI organized PHOTOGRAPHY COMPETITION :

Winner:
Harshit Mishra (MRIIRS)

DSW

Under ONE NATION- PARYAVARAN SANRAKSHAN GATIVIDHI from 16th to 19th August , 2020 many environment related activities:

Best out of Waste:
Clan Air Falcons organised the event-

Winner:
Jaspreet kaur

Neha Singh and Drishti Dua

Ashwani Kaushik

III.Events related to Gender Champions: PARASHAKTI ASSOCIATION

PRAGYA –
POSTER MAKING COMPETITION was conducted on 11th November 2020. The theme for the competition was "Know about the hidden ravanas of society" and "Stop ignoring the Sita behind you". Winners - Ishleen Kaur Bindra , B.a. B.ed integrated 3rd semester.

THE RANG CAMPAIGN -
Our gender champions Avni and Deepali organized रंग campaign on 25 Nov 2020 with the respect to international day of elimination of violence against women. The campaign directed to wear the color of trust and belief BLUE.

DSW

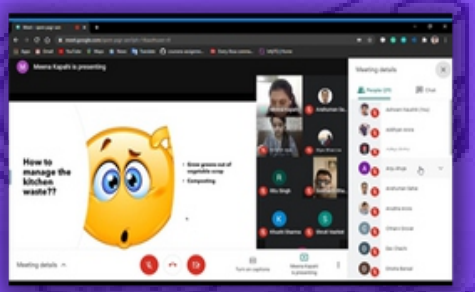
Environmental Photography: Clan Wild Cats organised the event-

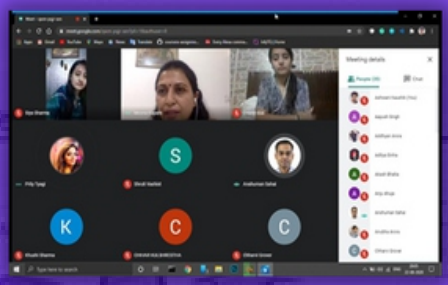
- The winner of the event was:Omkar Bhujbal from Bsc Biotechnology, Nowrosjee Wadia College

Essay writing competition under environment-related activities:

- Clan Forest Rhinos organised the event on the topic "Climatic changes on Earth" .
- The Winner was 1st - Deepali (B.Ed A)
- PLANT AND NOURISH WORKSHOP ON COMPOSTING -Clan Water Sharks organized the workshop.

Special Thanks to Dr. Meena Kapahi who was the guest speaker.





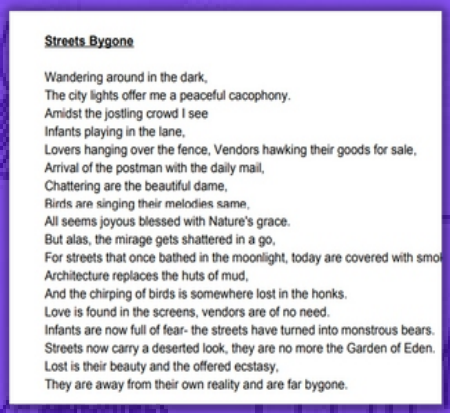
DSW

Mega Plantation Drive at the adopted Villages of Manav Rachna University from 18th August 2020 to 22nd August 2020

Under Unnat Bharat Abhiyaan ,MRU has adopted five villages Pali, Mewla, Ankheer, Fathepur Chandela and Anangpur. Under the aegis of Dr OP Bhalla Foundation in One Nation Paryavaran Sanrakshan Gatividhi week,a mega plantation drive was carried out .2000 saplings of trees like Guava, Jamun, Chakreshia, Sheesham, Neem, Kaner, Alstoniya, Kachnar, Curry Plant, Raatrani, Peepal, Arjun and Amla were distributed in all the adopted villages i.e.Ankhir ,Mewla, Fathepur Chandela, Anangpur and Pali. The faculty members from MRU Mr.Mandeep Bhadana, Mr.Ajit and Mr. Yogesh along with Manager- ISR, Mr.Sachin Aneja were part of the drive.

Poem writing competition

Organized on 21st August, 2020 Clan Forest Rhinos Manav Rachna University organised an "Poem writing competition " on the topic "Environment/Paryavaran" on 21st August.The winner was Tanvi Tayal (2K18EDUNO2015)



Streets Bygone

Wandering around in the dark,
The city lights offer me a peaceful cacophony.
Amidst the jostling crowd I see
Infants playing in the lane,
Lovers hanging over the fence, Vendors hawking their goods for sale,
Arrival of the postman with the daily mail,
Chattering are the beautiful dame,
Birds are singing their melodies same,
All seems joyous blessed with Nature's grace.
But alas, the mirage gets shattered in a go,
For streets that once bathed in the moonlight, today are covered with smo
Architecture replaces the huts of mud,
And the chirping of birds is somewhere lost in the honks.
Love is found in the screens, vendors are of no need.
Infants are now full of fear- the streets have turned into monstrous bears.
Streets now carry a deserted look, they are no more the Garden of Eden.
Lost is their beauty and the offered ecstasy,
They are away from their own reality and are far bygone.

Clan Water Sharks organized an event called "Selfie with Plant".

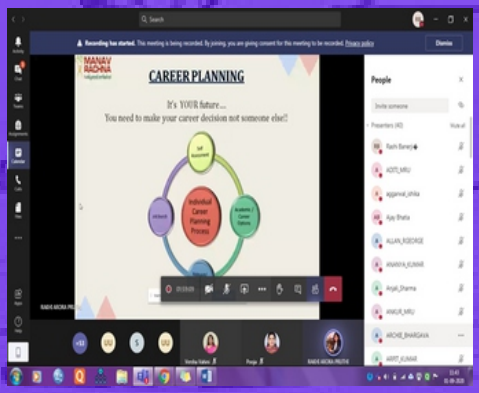
DSW

- **Clan Wild Cats in association with Department of Student's Welfare organized 'Poster Making Competition' under environment-related activities as ONE NATION- PARYAVARAN SANRAKSHAN - GATIVIDHI on August 17, 2020.**

The winners of the event was Simran from Bsc Maths, MRU

IV Orientation for I year Students
Session to welcome Freshers (1.9.2020)

All the new entrants were formally welcomed by Dean Academics Dr.Sangita Banga along with all the Deans and Heads of all the Faculties. .The three different sessions were organised today. The first session was on 'Familiarization of the MS Team platform and Interaction with Program Coordinators and Mentors' conducted by Dr.Subodh Saluja ,Professor, Department of Management and Commerce. .The second session was on the Introduction to the Placement Policy of the University conducted by Ms.Rakhi Pruthi (Head, Corporate Resource Centre (CRC). The third session, Library Resources at the University, was conducted by Dr. Vikram Kr. Sharma, Head, Libraries, MREI.



DSW

V Webinar on National Education Policy 2020:
Universal Human Values on 3.10.20

National Policy on Education (NPE) 1986 was a policy formulated by the Govt of India to promote education amongst India's people.To give a brief insight on the same and to understand how this policy affects the school and the higher-level education in imbibing Universal Human Values, Under the Ministry of Education, Unnat Bharat Abhiyan a webinar was organized by Department of student Welfare on National Education Policy (NEP) 2020:Universal Human Values.The session was taken by Dr.Babita Parashar, Dean Faculty of Education and Humanities, MRU

VI. Clan Watersharks organized a traditional makeup/getup event on 24th Oct 2020.

Winners:
1st Isha Gupta (SS College)

VII.Vigilance Awareness Week 2020 from 27th Oct to 2nd Nov 2020

- The faculty staff and students of MRU organized and conducted many events during the Vigilance Awareness Week from 27th October, 2020 to 02nd November, 2020 Theme- "Satark Bharat, Samriddh Bharat.

DEBATE COMPETITION BY REHNUMA

REHNUMA organised a debate competition in the light of Vigilance awareness week on Oct 31, 2020 on the topic "Favouritism and Nepotism". The topic was relevant to the situation of the country and gave the students a place to express their views on the same. Sudhanshu Shekhar won the first prize for the motion and Mehar Mangat won the first prize against the motion.

ESSAY WRITING COMPETITION BY REHNUMA

REHNUMA organised an essay writing competition on Nov 1, 2020 on the topic "what is more important for a healthy democracy- A strong government of a strong opposition." Winner was Atharva.

DSW

Essay Writing Competition by Rehnuma

REHNUMA organised an essay writing competition on Nov 1, 2020 on the topic "what is more important for a healthy democracy- A strong government of a strong opposition." Winner was Atharva.

Poster Making Competition

Poster making competition on the theme "Satark Bharat, Samriddh Bharat " was organized on 25th October 2020.The winners were: Handmade Poster-Charu Goyal and Digital Poster-Rachit Jain

Quiz Competition

The Department of Student Welfare, MR organized an online Quiz Competition under "Vigilance Awareness Week" on 27th October 2020 on the topic of "Anti Bribery And Corruption " which was open to all. Winner was Vaibhav Mittal (BBA LLB 1st semester)

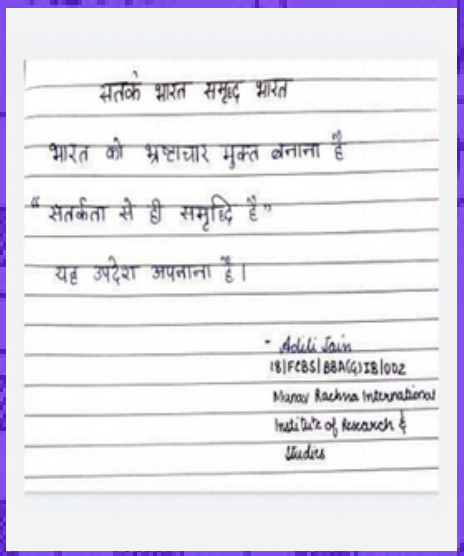
Logo Design Competition

A logo design competition was organised on the 29th Oct 2020 .The event was open for all ,to come up with a logo for an imaginary security force named KEKA. Winner-Ashish Chamoli of Bachelor's in Physiotherapy 7th Semester

DSW

Slogan Writing Competition

The theme provided was "Satark Bharat, Samridhh Bharat". The winner was decided on the basis of the originality and the creativity of the slogan, in which Aditya Mishra(Motilal Nehru College)


सतर्क भारत समृद्ध भारत

भारत को भ्रष्टाचार मुक्त बनाना है

"सतर्कता से ही समृद्धि है"

यह उपदेश अपनाना है।

- Aditi Jain
18/FCBS/BBA(G)18/002
Manav Rachna International Institute of Research & Studies

Slogan -सतर्क भारत, समृद्ध भारत

मातृभूमि का कर्ज सब मिलकर चुकाएंगे,

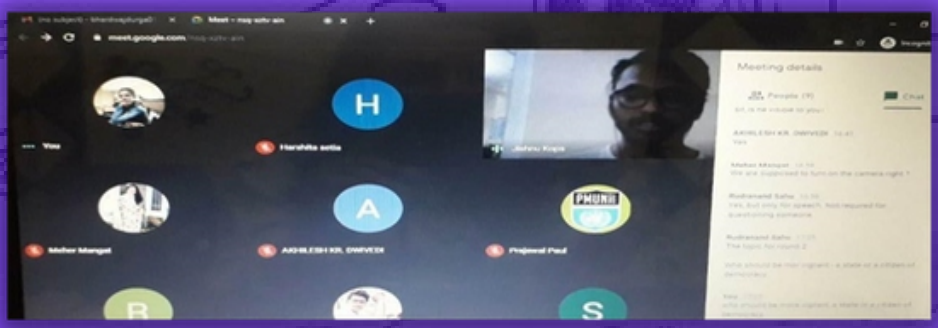
सतर्क समाज बनाकर समृद्ध भारत बनाएंगे

व्यक्ति को व्यक्ति से मिलाएंगे, भ्रष्टाचार को मिटायेंगे।

Aditya Mishra
462002adityamishra@gmail.com
Bsc(H) physics
3rd year
8588950680

DEBATE COMPETITION

REHNUMA organised a debate competition on October 31, 2020 on the topic "Favouritism and Nepotism". Sudhanshu Shekhar won the first prize for the motion and Mehar Mangat won the first prize against the motion.

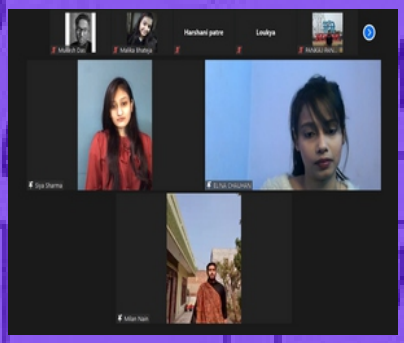


DSW

INTERNATIONAL DAY OF ELIMINATION OF VIOLENCE AGAINST WOMEN

Kavyanjali :
Poem Competition on the theme Women Empowerment was conducted on 26th November.The themes were "women empowerment" "Justice for women".Organised by Parashakti Association under Peace and Sustainability Center of Manav Rachna.The winner was- Anjali Sharma B.A .B.ed Sem 1

Five-day Online Sustainable fashion week- The Green Vogue Week
Manav Rachna Peace and Sustainability Club under Manav Rachna Centre For Peace and Sustainability hosted a five-day Online Sustainable fashion week- The Green Vogue Week. The list of events planned from 22nd December to 26th December 2020 included Infographics Competition, Making Everyday Sustainable- Workshop, Quiz Competition, Antique To Modish, and E- Fashion Nova (Fashion Show) which was judged by Miss Elina Chauhan, a Runway Model, a Ramp Walk Trainer, Fashion Choreographer, and MTV Fame.



The Old Road event of Old songs was conducted on 17 Dec, 2020. Winner was- Saransh kalla (Durga College)

EVENTS DEPARTMENT OF STUDENT WELFARE

- The Manav Rachna Peace & Sustainability Club organized a discussion on "Role of Youth Against COVID-19" on March 28 '21. Conducted by Mukesh Das under the aegis of Dr. Geeta Thakur, Professor MRU, The participants were from MRU and From Nepal, with a diverse educational Background.
- DSW Organized a Webinar Series on "Working of a Car Engine" from 16-20th Jan 2021.
- DSW Organized a Webinar Series on "Working of a Car Engine" from 16-20th Jan 2021 for B.Ed. Students.Speaker was Mrs. Sakshi Baghuna(Law Faculty,MRU).
- DSW Organized a Webinar Series on "Artificial Engineering And Machine Learning" from 16-20th Jan 2021 for B.Ed. Students.Speaker was Mr.Harivendranath Chary (CEO and co-founder at techieYan technologies).
- REHNUMA, DSW organised the event "The poet Speaks" on 5th May 2021 Ms. Chaitali Wadhwa was the judge.
- REHNUMA, DSW organised the event "Brainstormer" on 3rd May 2021,and was judged by Niharika Yadav, Founder - Isherika, a soulful artist, poetess, writer, budding YouTuber and a Software Engineer.
- DSW organised the event "Read Aloud" on 5th May,2021.Judges were Mrs. Kiran Rawat and Ms. Niharika Yadav.
- Clan Forest Rhino in association with DSW organised a "poster-making competition on Road Safety" on 9th Feb 2021.Judged by Niharika Yadav.
- DRISHTI, DSW organised the event "Monocreate" on 27th January 2021,was judged by upvotes. Winners included Harshit Mishra, David Anand Levi and Simar Jyot Singh Narang.
- REHNUMA, DSW organised the event "Incredible Memory" on 4th May,2021.Was judged by Niharika Yadav, Founder - Isherika, a soulful artist, poetess, writer, budding YouTuber and a Software Engineer.
- Team Aadya organised an event "It's Not Us it's You" On 14th March 2021, a story sharing competition. Top 3 Featured on 107.8 Red FM.
- DSW organised an event called "I bet my Friend" on 4th May 2021, Was judged by Niharika Yadav, Founder - Isherika.
- Leo Club, DSW organised an event called "Humanity and divinity" on 8th may 2021. It was a slogan/poem/Poster making competition in honour of Shri Guru Tegh Bahadur ji.

EVENTS DEPARTMENT OF STUDENT WELFARE

- REHNUMA, DSW organised the event "HollyBolly Mania" on 5th May,2021.Was judged by Niharika Yadav, Founder - Isherika, a soulful artist, poetess, writer, budding YouTuber and a Software Engineer.
- REHNUMA, DSW organised the event "Guess the gibberish" on 4th May,2021.Was judged by Niharika Yadav, Founder - Isherika, a soulful artist, poetess, writer, budding YouTuber and a Software Engineer.
- DRISHTI, DSW organised the event "Greenigy" on 23rd February 2021,was judged by upvotes Winners included Chirag Sharma, Ruchir Grover, Harshit Mishra.
- DSW organised an event called "Reel Competition" on 4th May 2021.Winners included Latasha Bidha and Mansi Sejwal.
- REHNUMA, DSW organised an event called "Emoji Hustle" on 3rd May 2021, Was judged by Niharika Yadav, Founder - Isherika.
- Clan Water Shark in association with DSW organised a "Dialogue Trivia" on 22nd April 2021.Winner was Ritika Priyadarshini.
- DSW organised an event called "A minute to win It" on 3rd May, 2021. Ms. Kiran Rawat, Dr. Chavi Kulshreshta and Dr. Kiran Gupta were the judges in the event.
- 26th January was Celebrated with full zest. It was an honor to have Col V.K Gaur as the chief guest in Manav Rachna Campus, accompanied with Flag Hoisting
- DSW organised an event called "Panel Discussion" on 13th March, 2021.
- DSW organised an event called "Know your Rights" on 9th March, 2021.
- DSW organised an event called "DIY phone case".
- DSW organised an event called "Dare to Aspire" on 13th March, 2021.
- DSW organised an event called "Charcha/Law Dialogue" on 10th March, 2021.

INTERNATIONAL ACTIVITIES

Manav Rachna University singed an MoU with Livingstone International University of Tourism Excellence and Business Management (LIUTEBM), Zambia (September 2020). The scope of the MoU includes joint teaching, research and cultural activity, and mobility of faculty, scholars and students between institutions.

Webinar on Managing Ground Condition Claim

The Centre of Excellence on Alternative Dispute Resolution (CADR) Manav Rachna University, and the Society of Construction Law – Young Leaders Group (SCL – YLG) organised the one day Masterclass on "Managing Ground Condition Claims" with expert Indian and International faculty on 5 Dec 2020 for the Legal Fraternity, Students & Faculties.

Eminent speakers:

- Mohan Pillay, Partner Pinsent Masons M Pillay, Singapore.
- Ang Wee Jian, Partner Pinsent Masons Mpillay, Singapore
- Naresh Thacker, Partner ELP
- Alok Jain, Associate Partner, ELP
- Rohit Singhal, CEO, MASIN Projects

Guest Speakers:

- Parag Tripathi, Senior Advocate

Event Chairs:

- Ajay Thomas, Faculty of Law, Manav Rachna University, Shashank Garg, Partner, Advani & Co, Co – Chair, SCL- YLG
- Panel Moderators Sagrika Wadhwa, Advocate, Delhi High Court

Webinar on Legal Education in BRICS

A virtual seminar hosted jointly by the Faculty of Law, Manav Rachna University in association with the University of KwaZulu-Natal (South Africa), South Ural State University (Russia), Wuhan University School of Law (China) and the Brazilian Centre for Mediation & Arbitration (CBMA) on 11 Aug 2020 for the Legal Fraternity.

Distinguished Panelists:

- Daniel Brantes Ferreira, CBMA Vice President for Academic Affairs , Editor in Chief of the Brazilian Journal for ADR, Professor of Law, Brazil, Lawyer and Arbitrator
- Elizaveta A. Gromova, Professor at the Department of Business Law, Deputy Director for the International Cooperation of the Institute of Law in South Ural State University, Russia
- Ajay Thomas, Director of Faculty of Law, Manav Rachna University, India
- QIN Tianbao, Vice Dean for the School of Law, Wuhan University, China Professor of Law and serves as the Director of the Research Institute of Environmental law.
- David J McQuoid-Mason, Professor of law at the Centre for Socio-Legal Studies at the University of KwaZulu-Natal, Durban, South Africa Advocate at the High Court of South Africa, Visiting Professor of Law, Strathclyde University, Glasgow Scotland, Adjunct Professor of Law, Griffiths University, Brisbane Australia.

INTERNATIONAL ACTIVITIES

CLINICAL LEGAL EDUCATION: INTERNATIONAL PERSPECTIVES
An exciting webinar featuring some the greats amongst clinical professors from USA, Brazil, South Africa, Bangladesh, Thailand and India. Hosted jointly by the Faculty of Law, Manav Rachna University, National Law University Odisha and VM Salgaocar College of Law.On 10 July 2020 for the Law Students & Professors.

DISTINGUISHED SPEAKERS:
- Dr. Mizanur Rahman, Professor, Faculty of Law, University of Dhaka
- Lisa Radtke Bliss, Associate Dean, Experiential Learning, Georgia State University
- Dr. David McQuoid-Mason, Professor, University of KwaZulu-Natal
- Bruce Lasky, Partner, Lanna Lawyer
- Dr. Daniel Brantes Ferreira, Advogado, Árbitro Professor de Direito
- Dr. MRK Prasad, Principal, VM Salgaocar College of Law

Opening Remarks:
- Dr. Srikrishna Deva Rao, Vice Chancellor, NLU, Odisha

Moderators:
- Mr. Ajay Thomas, Director, Faculty of Law, Manav Rachna University

WEBINAR ON EFFECTIVE MANAGEMENT OF COMPLEX CONSTRUCTION ARBITRATIONS
The Centre of Excellence on ADR (CADR), Manav Rachna University, and the Society of Construction Law-Young Leaders Group (SCL-YLG) organised the one-day Masterclass on 'Effective Management of Complex Construction Arbitrations' with Indian and International Faculty on 20 March 2021 for the Students, Faculties & Legal Fraternity.

SPEAKERS:
Justice AK Sikri, International Judge, Singapore International Commercial Court, Nusrat Hassan , Co-Managing Partner, Link Legal, Anand Srivastava, Partner , Link Legal, Mohan r Pillay, Head of Office, Pinsent Masons, Ang Wee Jian, Partner, Pinsent Masons M Pillay LLP, Kevin ash, Deputy Registrar & Centre Director, Singapore International Arbitration Centre, Atul Sharma, managing Partner, Link Legal.

EVENT CHAIRS:
Shashank Garg, Partner Advani & Co. and Co – Chair SCL - YLG , Padmaja Kaul, Partner Indus Law & Member Steering Committee SCL – YLG.

KFI AND ULTIMATE KHOKHO INTRODUCES FIRST-EVER SCIENTIFIC TRAINING FOR PLAYERS AT THE MANAV RACHNA CAMPUS

During the rigorous camp of almost a month, starting from 16 January to 18 February 2021, 73 players were trained and monitored by vastly experienced experts at the Manav Rachna Sports Science Center. The Union Sports Minister Kiren Rijiju along with Rajeev Mehta, General Secretary, Indian Olympics Association and popular sporting personalities like Sushil Kumar (only Indian to win consecutive Olympic medals), top cricketers Suresh Raina and Mohammed Shami and Dr. Amit Bhalla, Vice President, Manav Rachna Educational Institutions were present to inaugurate the coaching camp, where KhoKho players have been selected from across the country.

The 28-day camp saw players being monitored and analysed. The findings and parameters ranging from sports physiotherapy, rehabilitation, injury management, biomechanics, biokinetics, sports performance analysis, nutritional guidance, and posture corrections will be put into action. The training marked the resumption of the sport after almost a 10-month gap. This training is compartmentalized was three phases- transition, preparatory and competitive one.

An exhibition match was played where sports celebrities were teamed up with the KhoKho players as the team rolled pout the fast-paced format which played under the revamped rules that are to be introduced during the KhoKho league, stated for end of the year. The culmination of the camp will see players participating in a five-day tournament consisting of eight teams divided into two pools where players' speed and game play will also be tested along with agility and strength conditionings. The Hon'ble Union Minister for Sports Sh. Kiren Rijiju also inaugurated a first-of its kind 25 mtr and 50 mtr convertible shooting range at the Manav Rachna campus today. This is among the most advanced shooting facility not available anywhere across Delhi NCR. The range is both electronic and manual with 10 lanes each. Equipped with SUIS ASCOR electronic targets and 0.22 weapons, the range is open for all (including beginners).

SPORTS

THE 13TH MANAV RACHNA CORPORATE CRICKET CHALLENGE CUP 2020

The 13th edition of Manav Rachna 20-Twenty Corporate Cricket tournament 2020 was organized from 11th Janaury to 20th December 2020 and the final match of the much-awaited 13th Manav Rachna Corporate Cricket Challenge was held on 20th December 2020 at the Manav Rachna campus considering the various precautionary protocols amidst COVID-19. The match was held after the complete sanitization and adhering to all the SOPs mandated by the Government of India, with strict safety protocols.

Dr. Prashant Bhalla, President, Manav Rachna Educational Institutions; Dr. Amit Bhalla, Vice President, MREI graced the occasion with their presence to boost the team morale and continue the legacy of the Manav Rachna family.

The final match of the tournament was played between Asian Hospital and Maruti Suzuki. Team Maruti Suzuki won the toss and elected to field first. Mr. Arjun from the Asian Hospital who played a key role in the victory of his team was declared the 'Man of the Match' for scoring 48 runs of 27 balls. The team of Asian Hospital scored 182 runs in 20 overs.
The Cup, instituted in the memory of Founder Visionary Dr. O P Bhalla follows the belief that sports inculcate life-long skills, camaraderie, and bonding among players.
The tournament witnessef participation from 26 top corporate houses which include Maruti Suzuki, Fortis Hospital, Fbd ; etc. The view of the grand Champion Trophy excited every player and filled them with more passion to be the holder of this trophy.

SPORTS

THE 14TH MANAV RACHNA CORPORATE CRICKET CHALLENGE CUP 2021

Manav Rachna lifted the Champions' Trophy of the 14th Manav Rachna Corporate Cricket Challenge Cup 2021 on 28th March 2021 with a score of 241 beating Asian Hospital by 3 runs in a nail-biting last over. Asian Institute of Medical Sciences bagged the Runners-up trophy of the tournament.

After Manav Rachna won the toss of the final match and was elected to bat first, the team scored 241 runs in 20 overs at the loss of 8 wickets wherein Mr. Nikhil Diwakar, Team Manav Rachna was declared 'Man of the Match' for scoring 96 runs in 36 balls and hitting 13 sixes. Asian Hospital chased the target and scored 238 runs in 20 overs at the loss of 6 wickets.

Dr. Prashant Bhalla, President, MREI; Dr. Amit Bhalla, Vice President, MREI; Dr. Sanjay Srivastava, MD, MREI; Dr. NC Wadhwa, DG-MREI; Mr. Sarkar Talwar, Director, Sports, MREI; Mr. Ronjan Sodhi, Arjuna Awardee and Rajiv Gandhi Khel Ratna Awardee; representatives of the 25 corporate teams and senior luminaries from MREI were present on the occasion.
Mr. Sachin from Manav Rachna bagged the title of the 'Best Batsman of the Tournament'; Neeraj from Asian Hospital was declared 'Best Bowler for the Tournament'; Rajesh from Asian Hospital- 'Best Fielder of the Tournament; and Nikhil Diwakar from Manav Rachna owned the title of the 'Player of the Tournament'.
Dr O P Bhalla Foundation awarded the Manav Rachna team (winner) the prize of Rs. 1 Lakh and Rs. 21,000 prize to Mr. Nikhil Diwakar, 'Player of the Tournament'.
The Cup was instituted in the memory of Founder Visionary Dr. O P Bhalla with the belief that sports inculcate life-long skills, camaraderie and bonding among players.

25 leading Corporates from Delhi-NCR including Maruti Suzuki (Gurugram); Hero Motocorp (Gurugram); JCB (Faridabad); Escorts Construction (Faridabad); etc participated in the Cup, this year. A total of 51 matches were played in the 14th Manav Rachna Corporate Cricket Challenge Cup 2021.

PLACEMENTS

PLACEMENT HIGHLIGHTS 2020-2021 BATCH

Amidst Covid-19 pandemic, Corporate Resource Centre virtually commenced the placement season for 2020-21 batch from August 2020 wherein Capgemini came as the first-time recruiter on day 1. Corporate resource centre organized the campus drive of Cognizant, Infosys, ADP, NCR Corporation, Interra Systems, Ingenuity Gaming, 2S Gamix, Wunderman Thompson, Channel PR, Infollion Research, ECOCAT, Healthians, Asian Hotels, Jindal biotech, Cryoviva Biotech, Fujiyama Power, Lixil, Hexaview, Newgen Software etc.
To add to the comprehensive list of recruiters, the placement drive comprised of the regular and renowned recruiters like TCS, NTT Data, Accenture, HCL Technologies, NIIT Technologies, Infogain, HSBC Technology , Nagarro, Webkul, Kotak and many more, placement drive was conducted in online mode due to restrictions imposed during COVID pandemic.

MAJOR ACHIEVEMENTS:

FACULTY OF ENGINEERING

AKASH SUDARSAN (B.TECH CSE BATCH 2017-2021):

I completed my B.Tech Computer Science & Engineering from Manav Rachna University in the year 2021 and I got recruited through campus placement. I am ccurrently working at Lido Learning with an annual package of 10 LPA. These last four years of college have been a very important phase of my life. During my time here at Manav Rachna, I got to add a lot of things to my knowledge pool. Apart from academics, I've been really engaged in organizing events for the college. During my third year I got elected as the General Secretary of Student Council, Department of Student Welfare, Manav Rachna University wherein I got the chance to organise various cultural and technical fests for the college. All these have really helped me in enhancing my managerial and communication skills over the years. Manav Rachna gave me a lot of opportunities for growth and improvement.

PARTH CHOUDHARY (B.TECH CSE BATCH 2017-2021):

I entered Manav Rachna University back in 2017 as an average student wherein I got my both Personal and Professional skills groomed . From the very first day I started to work towards my goal and all the teachers were ready to help in the best possible way. I started to work more on my skills with each passing day. During my B.tech I grabbed those requisite skills which were needed for me to excel in corporate world and I got an offer from Jaro Education as well as Infogain India Pvt. Ltd from an In-campus placement.
Overall MRU not only serves the purpose of educating every individual with the right knowledge and skills but it also makes sure that you are getting ready to face the world outside.

PLACEMENTS

RISHABH DHIMAN (B.TECH. CSE BATCH 2017-2021)
Ever since I joined manav rachna, I had interest in computers and programming. And now four years hence, I will soon be joining a multinational company Accenture starting my professional journey in field of software engineering. These four years of my B.Tech proved not only to be a great learning experience but also a transformation phase in my life wherein I was able to develop new skills, gain more knowledge, explore more technical fields and improve myself as an individual. This all-round development would not have been possible without support and guidance of the faculty members, all the professors who taught me, mentors who guided me, and trainers who made me career ready. The university provided me with lot of opportunities to put my skillset into practice by working some really amazing projects and taking part in many hackathons even representing my university at national level. I am really grateful for my university.

NANDINI CHAUHAN (B. TECH CSE BATCH 2017-2021):
MR gave me a platform to not only enhance my knowledge and skills, but I was also able to discover myself, learn about my strengths and weaknesses and spread my wings to become the best version of myself. Leading various events, activities and initiatives helped me boost self-confidence and in an all-round development as an individual. I got professors who truly cared about my success and did not see me as a number and it is because of them, their guidance and mentorship that I got the opportunity to join a well reputed company with such an amazing package. (I got placed with Lido Learning with a package of 10 LPA.) I am grateful to the college for providing me lifelong mentors who I know will always help me at any point in my career. The college truly cares about the well-being of the students. Thank you Manav Rachna for giving me the opportunity to grow into a more confident, persuasive and perseverant person.

SATYAM GOEL (B.TECH ME BATCH 2017-2021)
I completed my mechanical engineering in year 2021 and I am extremely grateful to Manav Rachna for providing me a great learning platform with their excellent library facilities and organizing various workshops, webinars and certification courses on latest technologies used by professionals in the industry. With the support of well qualified and experienced faculty members I was able to enhance my knowledge in technical and professional spheres, apart from academics they also ensured overall growth and improvement. Various cultural as well as technical societies in college helped to engage in different activities of my interest. Trainings and lectures provided by CDC department helped me in building good aptitude and verbal skills. University helped in every possible manner with their industrial collaborations and lab facilities which provided hands on experience on projects and chance to participate in various competitions which helped me during placements in reputed companies.

DIVYAM MITTAL (B.TECH ME BATCH 2017-2021)
The institute has played a significant role because of which I was able to enhance my knowledge and develop my personality simultaneously by providing platforms, facilities and support.
Several career building opportunities have also been provided by the college to make our career bright. I got campus placement and am currently working with Sterling Tools Limited which is a well renowned and reputed company.

PLACEMENTS

BBA DEPARTMENT

SIMRAN TIWARI (BBA- FINANCE & ACCOUNTS) BATCH 2018-2021

I'm very grateful to be a part of an organisation like Cargo Flash Infotech Pvt Ltd for the position, Business Analyst. This organisation had given such a great opportunity to showcase my talent, which would help me in gaining experience and would also help the organisation in fulfilling their targets .It helps me in inculcating various key skills for such a career oriented position which was possible all because of Manav Rachna which made me capable enough for my current job profile.

AVIRAL BHOLA (BBA- FINANCE & ACCOUNTS) BATCH 2018-2021

I am working in Cargo Flash Infotech and taking a package of 3 Lac p.a. Manav rachna has played significant role by providing different platforms of opportunities to students to get exposure of the practical world converted into college experiences.

B.ED DEPARTMENT

AKSHITA SHUKLA (B. ED 2018-2020)

I enrolled in MRU in 2018 to pursue B. Ed. However, my skills at that time were way below the mark. But in my two-year journey at MRU, I saw myself blossoming into a wonderful teacher. It was only possible because of the excellent faculty at the department of education in MRU. They are not only subject experts but are also great role models. MRU as a part of SWAYAM-NPTEL Local Chapters gives its students a unique opportunity to pursue courses that would not have been possible otherwise. I too was a part of three such courses. These courses have added tremendous value in my knowledge, skills and personality. At MRU, I participated in many co-curricular activities which allowed me explore new passions that were earlier dormant inside me. I am highly grateful to MRU for nurturing me and I will always be a proud alumnus of MRU.

B.SC MATHS

BHAVYA BUDHIRAJA (BATCH 2018-2021)

I am a B.Sc Mathematics student from Manav Rachna University. I recently got placed at Lido Learning with a great package of 10 LPA. Besides having appreciable academic learnings and faculty, Manav Rachna helped me implement my employability skills as well as confidence. Apart from learning, I organised various events and presented myself many times in the University which further assisted me in my up gradations. Almost three years in this university made me realise my inner strengths and potential, because of which I build self-confidence and knowledge and got placed into this company. Manav Rachna is not only an outstanding platform for learning but also a huge guideline for opportunities in one's career.

PLACEMENTS

M.SC CHEMISTRY

ADITI PRATAP (BATCH 2019-2021)

Being a part of new beginnings is always special and so is my journey as a Patent Research Analyst as it kicked off along with Manav Rachna University. Looking back, I can certainly say that MRU was the most important milestone in shaping my career. M.Sc Chemistry provides an innovative course design, best-in-class faculty from industry, and hands-on experience from various Labs. Throughout the academic sessions, I was challenged to discover capabilities that I never knew I had. Along with academics, the University focuses on personality development which helped me build a rewarding career. Currently, I am working as an Associate Patent Research Analyst for Expert Lancing. It has been an unforgettable journey since I joined Manav Rachna University.

CST Placement Highlights 2020-21 Batch

- HARSHIT AGGARWAL 2017-21 batch has been selected by URVIJA AI PVT LTD at an annual package of 34 LPA
- AKASH SUDARSAN, SANJEET SINGH CHAWLA, AND, NANDINI CHAUHAN of 2017-21 batch has been selected by LIDO LEARNING at an annual package of 10 LPA
- PARTH CHOUDHARY, ABHISHEK PANDEY AND CHITRANSH BHATNAGAR of 2017-21 batch has been selected by JARO EDUCATION at an annual package of 6.6 LPA
- RISHABH DHIMAN of 2017-21 batch has been selected by ACCENTURE at an annual package of 6.5 LPA
- MUKUL SINGH, RAHUL THAKUR, AUSTIN SAMUEL and VAIBHAV SAINI of 2017-21 batch have been selected by ARGIL DX CONSULTING SERVICES PVT. LTD at an annual package of 5.5 LPA
- MANSHA ARORA of 2017-21 batch has been selected by SOPRA STERIA at an annual package of 5 LPA
- DHRUV KOTAL, VISHAL KASHYAP of 2017-21 batch has been selected by REVATURE at an annual package of 5 LPA

ME Placement activities 2020-21 Batch

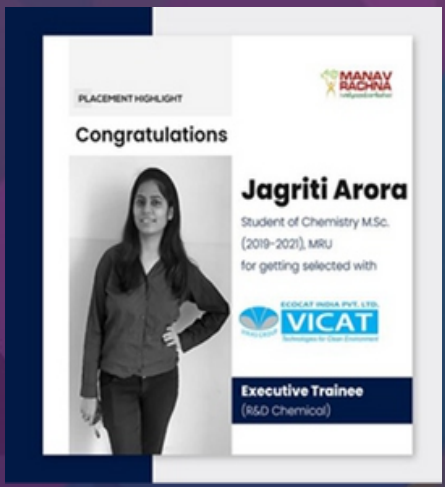
- Sanjay Singh, 2017-21 batch ME student has been selected by Dyson India at an annual package of 5.07 LPA.
- Vaibhav Joshi, 2017-21 batch ME student has been selected by Lido Learning at an annual package of 4 LPA.
- Chandrahas Kumar and Syed Qurretulain Zaidi, 2017-21 batch ME students have been selected by Polymedicure Company at an annual package of 2.4 LPA.

PLACEMENTS

RITIKA CHOUDHARY (BATCH B.Sc. Hons. Chemistry 2016-2019 & M.Sc. Chemistry 2019 - 2020)

A very new phase of my Career (after school journey) started with Manav Rachna University and now it's been a fabulous 5 years journey from my Graduation to Masters. They always took the step forward in making my career better by giving me a maple of knowledge. Apart from my academics, I have been a part of various Conferences (both National & International) and was also a part of the music society & personality development sessions as well. Manav Rachna is not only a platform for academics but a whole new world commencing and developing a better future for students like us to rule in this competitive world. Now I'm fortunate enough to get placed with Infollion Research Services in the last semester of my degree. All credit goes to MANAV RACHNA UNIVERSITY. "And I can proudly say that I'm a student of this Institution."

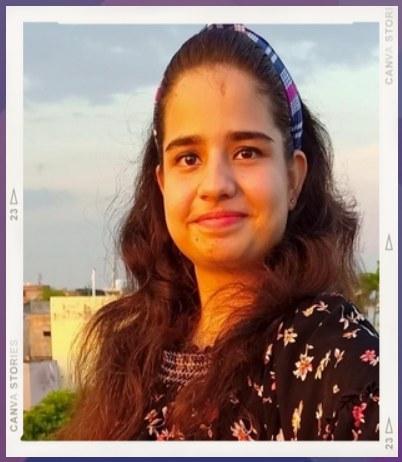
- **Vinika Tyagi, student of B.Sc. final year (batch 2016-19) got admitted to MSc Pharmaceutical Analysis at the University of Strathclyde, United Kingdom which is a Rank 1 University in the same course in the UK. She got a fellowship of INR 3,00,000.**
- **Dixita Sharma student of BSc Final year (batch 2016-19) selected in BHU Varanasi for her MSc Chemistry degree with All India Rank 53 in BHU-PET.**
- **Ms. Anjali Garg student of BSc Final year (batch 2016-19) selected in NIT Warangal through JAM 2020.**



PLACEMENTS

CHEMISTRY PLACEMENTS

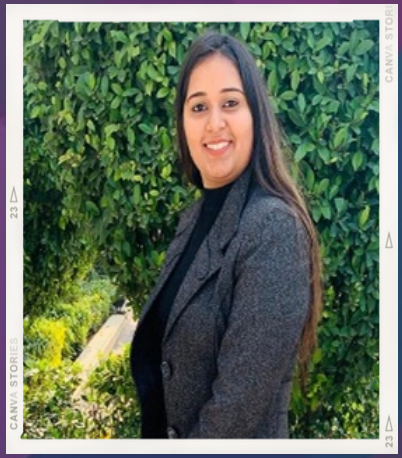
Divya Arora
Lido Learning
Marketing Associate
Package: 4LPA



EDUCATION AND HUMANITIES

Ms. Jyoti
PlanetSpark
Package: 5LPA

Ms Deepali
PlanetSpark
Package: 5LPA



PLACEMENTS

Ms. Christina

St. Anthony's Secondary School, Faridabad
2.5-3Lac per annum

Ms. Linta Chandy

St. Anthony's Secondary School, Faridabad
2.5-3Lac per annum

Ms Geetika

LIDO Learning
3.5Lac

PLACEMENTS

ECE Placement Data (2020)

Sr.No	Roll No	Student Name	Company Name	Package	Profile/ Postion offered
1	2K16ECUN01001	ARIKA SINGLA	Tianyin Worldtech India Pvt. Ltd.	3.6 LPA	Graduate Engineer Trainee
			NIIT TECHNOLOGIES	3.5 LPA	Graduate Engineer Trainee
2	2K16ECUN01002	Ayush Goyal	Expert Lancing Research Services	3.5 LPA	Patent Research Associate- Trainee
3	2K16ECUN01003	AYUSHI MAURYA	Tianyin Worldtech India Pvt. Ltd.	3.6 LPA	Graduate Engineer Trainee
			IBI GROUP INDIA PRIVATE LIMITED, GURGAON	4 LPA	SYSTEMS ENGINEER
4	2K16ECUN01006	MADAN MOHAN DHIR	TCS	3.36 LPA	Assistant System Enginner- Trainee
5	2K16ECUN01009	MAYANK HANS	Mohan Energy Corporation Pvt Ltd, Noida	4.00 LPA	GET
6	2K16ECUN01010	MOHIT YADAV	Infogain	3 LPA	Software Engineer Trainee
			TCS	3.36 LPA	Assistant System Enginner- Trainee
7	2K16ECUN01011	RAJAN GAUR	NIIT TECHNOLOGIES	3.5 LPA	Graduate Engineer Trainee
8	2K16ECUN01012	RAMAN MISHRA	NIIT TECHNOLOGIES	3.5 LPA	Graduate Engineer Trainee
9	2K16ECUN01014	ROHIT GUPTA	NIIT TECHNOLOGIES	3.5 LPA	Graduate Engineer Trainee
			ACS Solution	4.80 LPA	US IT Recruiter
10	2K16ECUN01015	SANCHITA DHAR	NIIT TECHNOLOGIES	3.5 LPA	Graduate Engineer Trainee
11	2K16ECUN01017	SHIVAM BHATIA	ACS Solution	4.80 LPA	US IT Recruiter
			Connect2 India	4.20 LPA	Business Development Associate
12	2K16ECUN01018	Shreya Gupta	Varite India Private Limited	3.5 LPA	Trainee Technical Recruiter
13	2K16ECUN01019	VANSH TARA	Lido Learning	10 LPA	Trainee - Business Development
14	2K16ECUN01020	VIJAY ARORA	3 Pillar Global	4.15 LPA	Quality Assurance Engineer
15	2K16ECUN01021	VISHAL PRASAD	ACS Solution	4.80 LPA	US IT Recruiter

CONVOCATION

More than 2000 students were awarded doctoral, post-graduate and graduate degrees at a grand convocation ceremony of Manav Rachna University (MRU), Manav Rachna Dental College (MRDC) and Manav Rachna International Institute of Research & Studies (MRIIRS) on 21st January, 2021. 88 students were bestowed with medals and certificates in recognition of their exceptional achievements in academics, research, sports, creative arts, community involvement and professional development.

Padma Vibhushan Dr. Krishnaswamy Kasturirangan, Former Chairman, ISRO was the Chief Guest on the occasion.

Honoris Causa degrees were bestowed upon 6 stalwarts including Padmashri Dr. Sri kumar Banerjee, Chancellor, Homi Bhabha National Institute; Sh. Deepak Bagla, MD & CEO of Invest India; Sh. Krishna murthy Shankar, EVP, Infosys; Prof. (Dr.) Hari Prakash, Former Chief, Center for Dental Education & Research, AIIMS; Sh. H K Batra, Chairman, Perfect Bread; and Prof. (Dr.) Asim Das, Dean, ESIC Medical College & Hospital, Faridabad who were also the Guests of Honour on the occasion.

Congratulating graduands on the Convocation Ceremony Padma Vibhushan Dr. Krishnaswamy Kasturirangan said, "The diversity of courses offered at Manav Rachna represents the diversity and multi-disciplinarity that forms a rich backdrop for students to take a full advantage of several aspects of the recommendations which are now a part of NEP 2020. NEP considers the needs and aspirants of everyone to form a just and equitable society." He emphasized the promotion of Indian art and culture both at personal and national level, and asked everyone to contribute in the service of others".

Mr. Arunabh Borah, MBA, Faculty of Management Studies was honoured with Dr. Pritam Singh Gold Medal in recognition of his strong character, competence, values, awareness, and knowledge.

CONVOCATION

Ms. Sonakshi Khosla, B. Tech, MRIIRS & Ms. Chhavi Baliyan, B.Sc. (H), Mathematics, MRU were bestowed with the Chief Patron Medal for their attributes of engaged leadership. Mr. Abhishek Sontakke, B.Tech, MRU and Mr. Hardik Grover, B.Tech, MRIIRS were bestowed with the President's medal for their achievements at the National and International Level.

The outstanding achiever's award in sports was presented to Mr. Angad Bajwa who had bagged Gold in the Men's Skeet event at the 2019 Asian Shooting Championship, guaranteeing himself a quota place in the 2020 Summer Olympics (now to be held in 2021).

While speaking on the occasion, Dr. Prashant Bhalla, President, Manav Rachna Educational Institutions urged the students to be honest while maintaining the virtues of patience and passion. "As the young, educated, smart, and knowledgeable fraction of the society, you should remember that if not today, tomorrow success would be yours. So the question is not about achieving success but about values, because only that will give you satisfaction when you look back at your life", he said.

The presence of the distinguished alumni of MRIIRS made the day even more special. The flag of the alumni association was formally handed over to the newest members of the Alumni Association on this august occasion.

The ceremony was held in a combination of offline and online events following strict Covid protocols.

ALUMNI

Guidance through our past is the key Manav Rachna University held many key events online with our past alumni some are mentioned below:

1. MRUs CST Department held a Women's exclusive event that was made possible because of three successful alumni of batch 2005-09. That told their stories to inspire the future. We would like to thank the below esteemed guests, without their presence this event would not have been possible.

- Mr. AJ Gauravdeep(Entrepreneur,Strategy and finance) hosted and coordinated the session.
- Ms. Tanya Gurwara(Business and Marketing) who shared an incredibly personal and overwhelming story of her own life, the struggles she faced growing up in a small household.
- Ms. Neera Goyal, now living peacefully in New Zealand, shared her story of overcoming her anxiety through sheer will and zest.
- Ms Shweta Rohilla(Sr. Cloud Architect Microsoft) shared her high risk high reward story.

2. MRUs CST Department held an interactive session on life and career choices on 8th Sep, 2020.We would like to thank-

- Mr. Varun Arora(Co-founder of the House of Artisans), speaker and interactive host.

3. To get student's jobs ready, Manav Rachna's Electrical and Computer Engineering, Mechanical Engineering Departments held a session on the induction program on 25th Sep 2020.Special thanks to-

- Mr. Vijay Arora(Quality Assurance) , as a guest speaker.
- Mr. Prashant Gupta(Software Developer), as a guest speaker.
- Mr Arpit Ahuja(Project Management Analyst), also as a guest speaker.

4. COVID-19: A Catalyst for accelerating work transformation,held by MRUs CST Department.23rd July, 2020 Special Thanks to-

- Mr. Abhinav Gambhir(Solutions Architect,Program lead at IEEE), as guest speaker.

5. To get to know themselves better,MRUs DMCorganized an interactive session for BBA students on 25th Jan, 2020 . Special Thanks to-

- Ms. Himanshi Goel(Youtuber, Health Care Management), as a guest speaker.

6. Mechanical Engineering Department of MRU On 28th Jan, 2021 organised a webinar on "Robotics and automation", Gautam Ahuja, alumni MRU-First batch, Mechanical Engineering Department (Research Engineer at Avishkaar) was the guest speaker,

ALUMNI

7. Mechanical Engineering Department of MRU On 24th Feb, 2021 organised a webinar on "design of MPV", Mohit Solanki, alumni MRCE- 2017 batch, Mechanical Engineering Department (Design Engineer at Mahindra defence systems) was the guest speaker,

8. Department of Mathematics, MRU On 3rd Feb, 2021 organised a webinar on "journey of IIT JAM", Puneet Gulati, Alumni B.Sc.(H) Mathematics, Batch 2015-2018 (MRU-First batch) batch was the guest speaker.

9. Department of Electronics and Communication Engineering, MRU On 15th April, 2021 organised a webinar on "Scope of VLSI and EDA domain", Mr. Raghav Rastogi(Sr. Technical Staff,Siemens EDA) and Mr. Dhruv Sharma(Application Engineer, Cadence Design Systems) were the guest speakers.

10. Department of Computer Science and Technology, MRU On 12th April, 2021 organised a webinar on "Born to Fly".Captain Abhirut Kaushik, First Officer, Vistara Airlines (BTech (IT) 2012-16) was the guest speaker.

11. Department of Computer Science and Technology, MRU On 7th May, 2021 organised a webinar on "The Power of Networking".Mr. Gaurav Juneja, B.Tech CSE 2005-09 Batch (Sr. Product Manager, Amazon) was the guest speaker.

12. Department of Management and Commerce, MRU On 26th Feb, 2021 organised a webinar on "E-Commerce".Ms. Radhika Nigam, BBA Finance & Accounts, 2017-2020 batch(Amazon) was the guest speaker.

IEEE CHAPTER

Online Coding Competition - 5th July 2020
IEEE MRU and WIE organised a coding competition "CODERS_ZONE " in association with CodeChef on 5 July, 2020.

Problem Solving Strategies for competitive Coding - 5 th July 2020
IEEE MRU in collaboration with IEEE Madhuben & Bhanubhai Patel Institute of Technology, IEEE Mody University, IEEE Netaji Subhas University of Technology, IEEE JSS Academy of Technical Education, Noida, IEEE Guru Tegh Bahadur Institute of Technology, IEEE The NorthCap University organized this event. This event was conducted as a LIVE WEBINAR on the topic Problem Solving Strategies for Competitive Coding, in association with Code-Arts. The Guest Speaker for the webinar is Mr. Sumit Kumar (Oracle Certified Professional Java Programmer).

Interview Preparation - 13 th July 2020
IEEE MRU organized "Interview Preparation" on 13th July 2020, in collaboration with Coding Blocks. The speaker, Mr. Shubham, introduced Data structure and Algorithms with Java for Interview Preparation.

HACK MRU LITE: 12hrs Hackathon - 22nd July 2020
IEEE MRU organized HACK MRU LITE, a 12 hrs online hackathon on 22 July, 2020. The motto was to encourage students to come up with their ideas and start or continue their careers in STEM fields. Teams showcased their projects and their implementation on software and hardware. During the hackathon a session of "BlockChain" was delivered by Prof. Riya Sapra.

WEB DEVELOPMENT QUIZ - 26 th July 2020
IEEE MRU organized WEB DEVELOPMENT QUIZ on 26 July, 2020

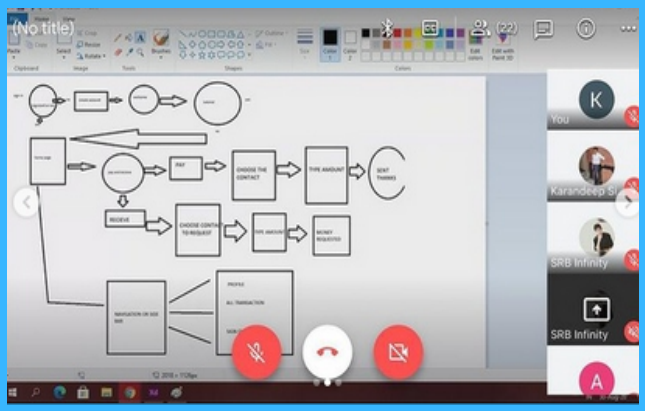
Career Enhancement through Project Based Learning - 8th Aug 2020
MRU IEEE organized this event in collaboration with 7 other student branches: IEEE HMRITM, IEEE GTBIT, IEEE BKBIET, IEEE IGDTUW, IEEE MAIT, IEEE ADGITM, IEEE BPIT. Speakers of the workshop were Ms. Mehak Azeem (IEEE Region10 SAC Member), Mr. Ramneek Kalra (Project Engineer at Wipro India, IEEE Impact Creator, Young Professional IEEE Brand Ambassador, ISV PDC Reviewer).

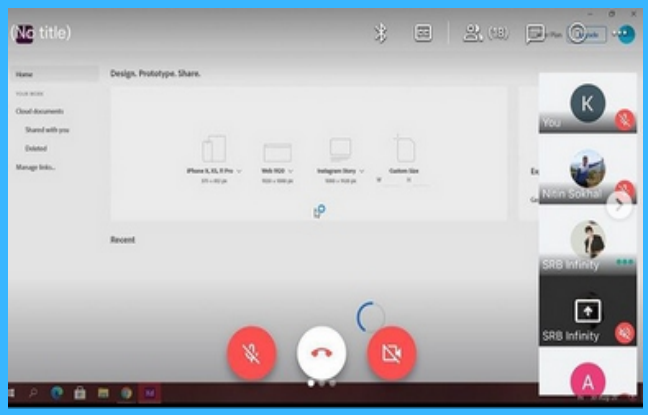
Quiz: Changes in Educational Policies 2020 - 16 th Aug 2020
IEEE MRU organised a quiz on CHANGES IN EDUCATIONAL POLICIES 2020 on 16th August, 2020. Results were: 1. Neha (Manav Rachna University) 2. Somi Patel (Manav Rachna University) 3. Kanika Rathore(Manav Rachna University) and Lamha(J.C.bose YMCA University).

IEEE CHAPTER

UI/UX Workshop- 29-30th Aug 2020

IEEE MRU conducted a two days' workshop on "UI/UX designing" on 29-30th August. On Day 1 following topics were covered: basic knowledge about UI/UX designing, future scopes of a UI/UX designer and the knowledge about how to proceed in it. On Day 2 - Hands on project from scratch, Website templates design with Adobe Photoshop and App designing with Adobe xd were covered.





UI/UX Quiz - 13 th Sept 2020

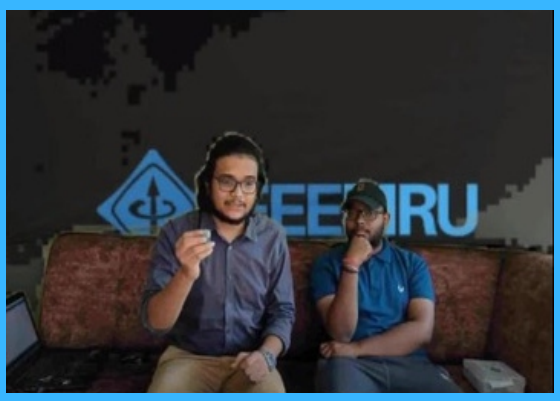
IEEE MRU conducted Quiz on - UI /UX DESIGN on 13 September, 2020. Winners were awarded with Amazon Prime Subscription.

Network Security QUIZ - 6th October 2020

IEEE MRU organized a NETWORK SECURITY QUIZ on 6th October, 2020.

Virtual IOT Workshop - 15th Oct 2020

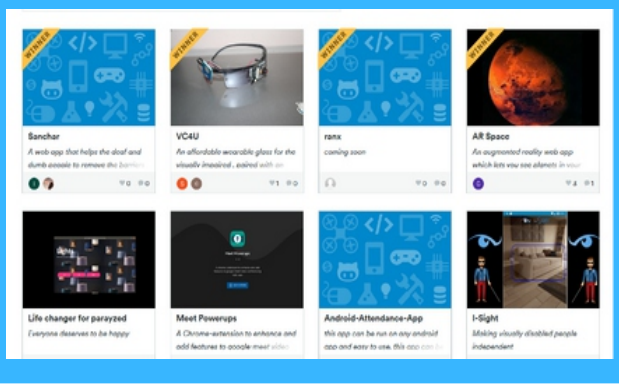
IEEE MRU organized Virtual IOT Workshop on 15th October, 2020. The students were introduced with the basics of IoT and arduino shell. After making a few small projects for beginners, the instructors showed them how to build an advanced smart lock project using a voice assistant. The instructor gave tips on how to make projects more efficient.



IEEE CHAPTER

HACK MRU – 17 Oct 2020

IEEE MRU organized HACKMRU on 17 October 2020. It was a 24 hours hackathon in which students from all over the country and different universities across the globe participated. The hackathon started on the 17 October morning, and the participants were provided with 24 hours to complete the project. The top 3 teams received Rs 10,000 cash as an award and $50 amazon gift card from EchoAR.



Web Development - 24 Oct 2020

IEEE MRU in collaboration with Progate organized a 40hrs session on Web development, on 23 October 2020 in which registered students got full course access to their HTML/CSS course for a period of 40hrs.

Haptics Design in XR - 28 Nov 2020

On 28 November 2020, IEEE MRU in collaboration with DreamXR organizeda webinar, "The XR Show". The speaker for the Show was CEO of InterHaptics, who shared his insights about Haptics in XR. This webinar event provided a bunch of opportunities to the students so they could work directly with industry leading experts of Haptics and in the XR industry.

Aptitude Quiz - 13 Dec 2020

IEEE MRU organized a quiz on "Competitive Aptitude" on 13 December, 2020.

Let's Learn to Network - 24 Dec 2020

IEEE MRU organised event for Networking named "Let's Learn to Network" on 24 December 2020. The speaker for the event was the former chairperson of IEEE who explained why networking is important for everyone and how IEEE helps in career and development.

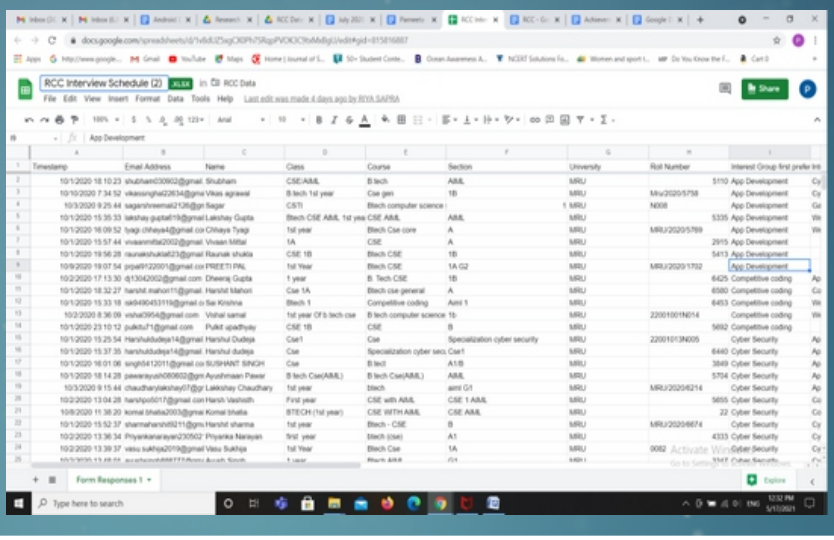
Tongue Twister - 31 Dec 2020

IEEE MRU organized "TONGUE TWISTER" on 31 December 2020, where participants got a twister and had to speak 10 times in a continuous manner and record the video while doing it.

MRU CODECHEF CAMPUS CHAPTER

Orientation, Introduction to Competitive Programming and Tips and Tricks
An online "Introduction session" was held on '20st Oct 2020', 4-5pm by the CodeChef Campus Chapter of MRU. The speakers for the event were Divyam Arora ,former CodeChef lead and Yogesh Kakkar, former CodeChef lead. The event's main aim was to interact with the students and make them aware of Competitive Programming. We introduced the students to the respective team leaders and shared the benefits of joining the Chapter. There was a discussion about the CodeChef community, the challenges being posted and the complete national network of programmers.Further, tricks to attempt and solve a particular coding problem were also shared. All in all, it was a great session with the students having different mindsets.

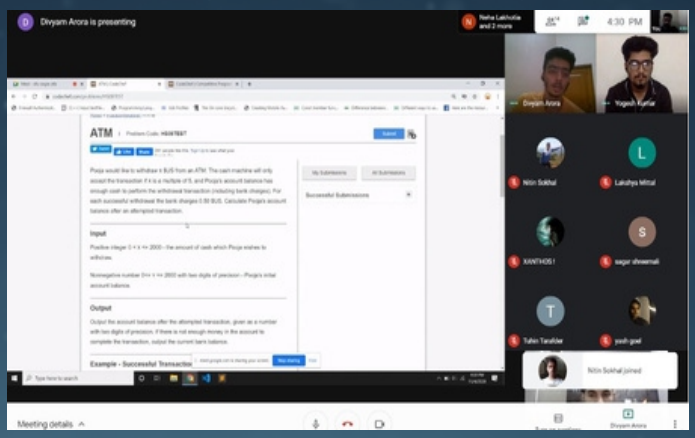
Interview for New Members
Online Interviews were conducted by RCC members for first year students from 10th October -16th Oct., 2020 for enrolling them in various trainings to be conducted by the Research Cluster of Computing. The domains for interviews were Application Development, Competitive Coding, game Development, Cyber Security, Internet of Things and Web Development. Almost 60 students appeared for the Interviews.



MRU CODECHEF CAMPUS CHAPTER

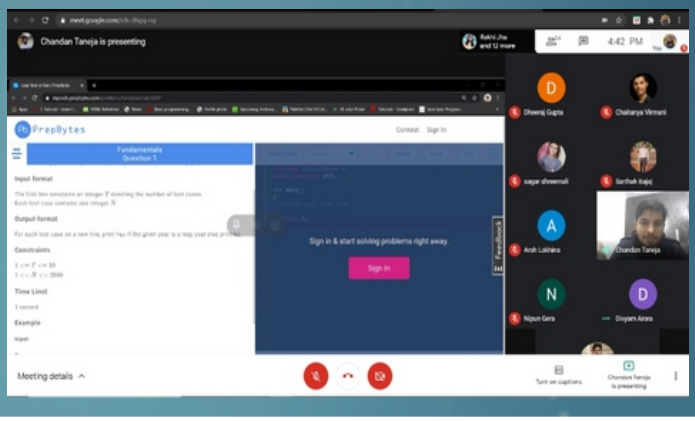
Doubt Clearing Session

An online " Doubt Clearing Session" was organized by the MRU CodeChef Campus Chapter Team on 1 Dec, 2020, 4-5 PM. This doubt session was kept with the junior members of the Chapter who had been solving problems for some while now. They collected their doubts from previous competitions and asked them in this doubt session. Divyam Arora, Yogesh Kumar and Chandan Taneja (president) helped clear these doubts and discussed important concepts used in those questions. They also guided the participants about the online study material and the concepts they should focus on. The doubt session was a success as many of the juniors gave great feedback. The event was conducted by Chandan Taneja (President), Lakshya Mittal (Competitive Programming Lead), Umang Raj (Events Lead), Neha Lakhotia (Outreach and Media Lead).



CookOff discussion

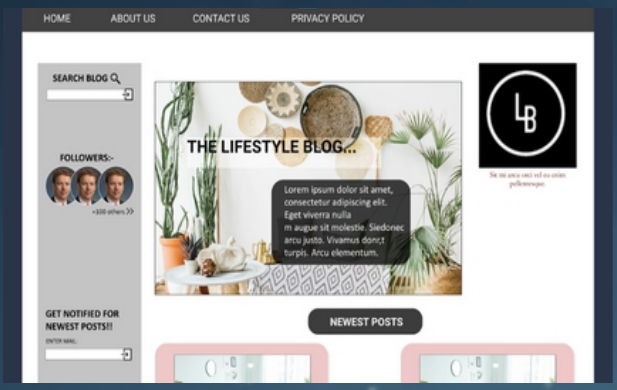
An online discussion event of "Cook off" contest was organized on 28th Dec, 2020, 5-6 PM by MRU CodeChef Campus Chapter Team under the mentorship of Dr. Parneeta Dhaliwal. Many students from MRU participated in this contest,generating a good response in solving extensively tough coding problems. It was followed by a discussion for solving the doubts that the participants have faced in the challenge and various other issues that the students are dealing with in competitive programming. The participants also shared their experience while solving the coding problems. The event was conducted by Chandan Taneja (President), Lakshya Mittal (Competitive Programming Lead), Umang Raj (Events Lead), Neha Lakhotia (Outreach and Media Lead).

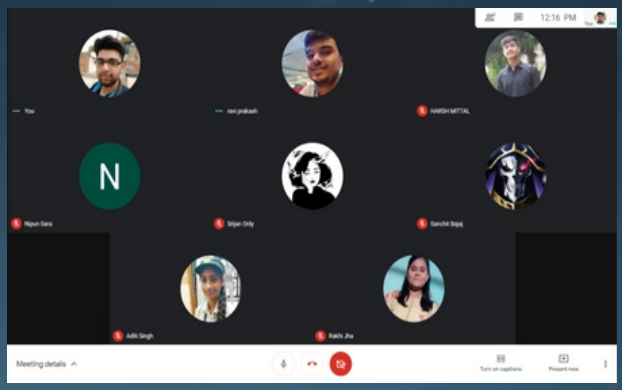


MRU CODECHEF CAMPUS CHAPTER

Training on Web Development

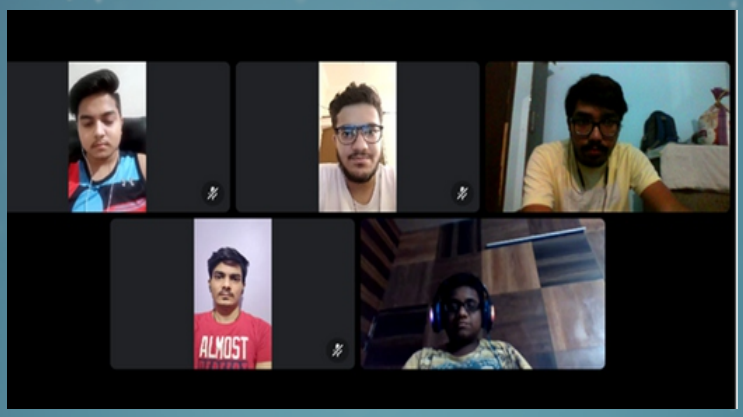
A training program for 12 weeks for the students was organized in November, 2020 in the field of web development(UI/UX, Frontend development and Backend development), where students worked on 2 minor projects and 1 major project. The minor project included a portfolio website for each student. In UI/UX, students created a design of various websites like an eCommerce website, blogging website and admin panel. In the backend, students have created many APIs like login, register, show profiles, all the APIs of the eCommerce website, etc. The major project includes a content management system including an admin panel. The training was conducted under the mentorship of Dr. Parneeta Dhaliwal. The trainers were Ravi Prakash (CSE 6C), Harsh Mittal (CSE 4B), Sanchit Bajaj (CSE 4B).





Training on Android App Development with primary focus on Android development basics

An Android App Training with primary emphasis on Android App development was conducted from 18th Oct - 30th Nov, 2020. The objective was to develop this skill set in first year students and prepare them for advancement in android development. The content focused on Introduction to android development tools, helping students understand the basics and the backend of android, and basic Java programming, and hands-on practise sessions and mini projects/ tasks periodically to ensure student interest and ensure a stable learning curve. The trainer was Mukul Singh (B. Tech CSE).



MOU

MOU with Truechip Solutions Pvt. Ltd. And Future Tech Wizards LLP
This MoU was executed on 11th August 2020, between MRU, Truechip Solutions Pvt. Ltd., a leading provider of Design and Verification solutions, and Future Tech Wizards LLP, a leading provider of training (in VLSI) and design services. It will help students accelerate their design, lowering the cost and the risks associated with the development of their ASIC, FPGA and SOC.
Truechip, Future Tech Wizards and Manav Rachna University have agreed to collaborate together towards developing skilled manpower and imparting VLSI training to students.

MOU with Sahai Research Labs
This MoU was executed on 11th August 2020 between Manav Rachna University and Sahai Research Labs, is involved in promoting research and development of low cost and affordable healthcare devices and technologies.
The MoU has helped in developing a new specialized course B.Tech Electronics and Computer Engineering Hons specialization in Healthcare Technology.

MOU with Trans Neuron Technologies and CYPE Software
This MoU was executed on 28th October, 2020. Trans Neuron is a Learn to Launch (L2L) Company, which aims to transform students & jobseekers into industry-ready professionals by providing them with adequate backing to take that journey. Module I of the Industrial Automation Certification Programme started on 6th November, 2020 and ended on 18th December, 2020 for Smart Manufacturing students through the online platform, MS Team.

MoU with CYPE software
This MoU was executed on 15th December, 2020. CYPE Software, based in Italy, along with D2O learning, has signed a MoU with Manav Rachna University. The aim of signing the MoU is to educate students about the sustainability of the building and its Information Modelling. Module I of the CYPE BIM software Training session was started on 14th April, 2021 and it was completed on 21th April, 2021 for all mechanical students through the online platform by CYPE professionals.

MoU with E & ICT Academy- IIT
CST Department, MRU, in association with E & ICT Academy- IIT, organized a six days workshop on "Advance Excel with Data Visualization" from 30th November 2020 to 5th December 2020. The expert for the workshop was Mr. Rahul Gupta, Senior Trainer, RPC India. He is a certified trainer for various emerging technologies to name a few: Microsoft Certified Trainer, EC Council Certified Trainer, Specialization in MS Office, Specialization in Ethical Hacking.

MoU with Amazon Web Services(AWS)
An MoU was executed between MRU and AWS. MRU will adopt cloud computing curricula from the Amazon Web Services (AWS) Educate global initiative into its mainstream college syllabus to help develop the next generation of cloud professionals. Cloud computing content from AWS Educate will be offered as part of the B. Tech CSE program starting in September 2020. Under B. Tech CSE specializations are offered through elective baskets in the following areas: mobile app development, data engineering, software engineering, networking and cloud computing.

MOU

MOU with Miles Education
Manav Rachna University signed an MOU with Miles Education for CMA certification for BBA Finance and Accounts Students.

MOU with Asian Institute of Medical Sciences
Manav Rachna University signed an MOU with Asian Institute of Medical Sciences for BBA Healthcare Management Students.
MOU with Transstellar Journal Publications and Research Consultancy Private Limited (TJPRC PVT. LTD.)
A MoU was executed between MRU and TJPRC PVT. LTD., India's No. 1 Academic Research Consulting & Scientific Publication Company. TJPRC PVT. LTD will publish all the shortlisted & peer reviewed papers in the special issue.

MoU with Srijan Sanchar
This MoU was executed between MRU and Srijan Sanchar. Srijan Sanchar will connect MRU to industries, entrepreneurs, industry associations, ideators and other institutions of learning to collaborate on research projects. They will also help MRU set up incubators, identify and provide projects to the Centre of excellence and organize knowledge generating events like workshops and conferences.

MoU with Xebia
An MoU was executed between MRU and Xebia, a Dutch based specialized global IT Consultancy and Services Company. Under this collaboration, MRU will offer two new-age digital programs: B. Tech in CSE with specialization in Data Science and Machine Learning and B. Tech in CSE with specialization in Digital Transformation Engineering. Xebia will support MRU in curriculum design, faculty training, provide internships and placements for students pursuing the above programs, provide faculty training every semester, organize technical talks and seminars.
Under the MoU, Xebia organized two "Train the Trainer" sessions for faculty members of the CST department, MRU. The session on "Modern Architecture Patterns" was delivered by Mr. Mohsin Khursheed, currently working with Xebia and the second session on "Natural Language Processing" was delivered by Dr. Ravi Changle, a Global AI and Data Science Researcher and Consultant.

MoU with Quick Heal Technologies
An MoU was executed between MRU and Quick Heal Technologies which will offer B.Tech. Computer Science & Engineering with specialization in Cyber Security and Threat Intelligence Program, with effect from the academic session 2020. The curriculum design and course material will be delivered by industry experts from Quick Heal Academy. Regular Tech-Talks, Webinars and Seminars by experts shall be organized during the program. Quick Heal shall also be providing Placement & Internship support to the students pursuing the program.

MoU with Infosys
An MoU was executed between MRU and Infosys to enrich the technical education process and to jointly work for enhancing the quality of education imparted to students, faculty and management of the University related to the field of Information Technology (IT).

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2020-2021

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