

Public Events as Pathways to Inclusive and Lifelong Learning

This report presents the university's initiatives under SDG 4, Vertical 4.3.2 – Public Events, highlighting efforts to take learning beyond classrooms and foster community participation in education. It brings together evidence of diverse events that promote awareness, dialogue, and lifelong learning.

The main activities included under this vertical are:

- Educational seminars and workshops that share academic knowledge and innovative teaching practices with wider audiences.
- Faculty-led awareness campaigns on themes related to education, sustainability, and community well-being.
- Student-driven exhibitions and competitions that encourage creativity, peer learning, and knowledge sharing.
- Collaborative academic events organized in partnership with institutions, government bodies, and NGOs to promote inclusive education.
- Public lectures and expert talks that create open spaces for discussion and learning on topics of national and global importance.

Together, these initiatives reflect the university's commitment to advancing Quality Education (SDG 4) through public engagement, educational outreach, and shared learning experiences that inspire informed, responsible, and empowered communities.

Sub Tab 1: Free Events

Manav Rachna University (MRU) upholds the philosophy of “*Education for All*”, ensuring inclusive and equitable access to quality learning resources for the community beyond its enrolled students. Under SDG 4.3.2, which encourages inclusive and open educational opportunities for all, the University demonstrates its commitment to widening participation in higher education by offering free and open access to a range of educational facilities, including library resources, digital repositories, laboratories, online courses, and public lecture series. In alignment with the United Nations’ Sustainable Development Goal 4: Quality Education, MRU extends its infrastructure and academic expertise to promote lifelong learning opportunities for all sections of society. Through strategic collaborations, open learning initiatives, and outreach programs, the University enables school students, teachers, researchers, and community members to access its knowledge ecosystem. University consistently organizes free public lectures, awareness drives, technical workshops, community outreach, and faculty development activities to extend its knowledge ecosystem to the wider public.

Through interdisciplinary collaboration involving the Institution's Innovation Council (IIC), Dr. O.P. Bhalla Foundation, and various schools, MRU ensures accessibility, inclusivity, and social impact by integrating education with community well-being and sustainable development.

Major free events conducted in 2023-2024:

Seminars and Public Lectures

□ Green Fiesta'II – The National Seminar on Solid Waste Management & Sustainability

The School of Sciences and The School of Education and Humanities, Manav Rachna University in collaboration with the Hazardous Substances Management Division (HSMD), Ministry of Environment, Forest and Climate Change, organized Green Fiesta'II – The National Seminar on Solid Waste Management & Sustainability on 23rd August 2023 to exemplify its unwavering commitment to environmental preservation and sustainable development. The event was organized at G block Mandala Auditorium. It is noteworthy that the Green Fiesta' II is a significant component of the broader project titled "The Journey from Waste to Resources," under Prof. (Dr.) Meena Kapahi sanctioned by HSMD, MoEFCC. This endeavour, conducted under the Central Sector Scheme, featured a diverse range of captivating competitions for university and school students, such as technical poster presentation and working model presentation competitions, caricature-making competitions, and on-the-spot environmental quiz which generated tremendous enthusiasm among the participants. Furthermore, the panel discussion involving esteemed speakers - Dr. Veenu Joon (Joint Director, Eco-sensitive Zone and Environmental Health, MoEFCC), Mr. N. Subrahmanyam (Joint Director CP and HSMD, MoEFCC), Mr. Ananda Banerjee (Award-winning Journalist, Author, Graphic Artist and Communications Specialist) and Mr. Himanshu Tilwankar (Advisor JM Environet Pvt. Ltd.) enlightened the participants.

Plastic Waste Collection Drive and e-Waste Collection drives have been initiated as part of this comprehensive initiative. To add more excitement, a selfie point was set up with the theme of Mission LiFE. Approximately 250 students participated in different events from



prize distribution ceremony for the winners and participation certificates for all the participants. For all the competitions, the winners were announced in the first, second, third, and consolation categories.

□ **Seminar on “Comprehensive Overview of Laws Relating to Children” (14 Mar 2024)**

This public seminar, open to educators, parents, and citizens, offered a detailed exploration of children’s rights and cyber-safety laws. Experts illustrated real-life cases, international frameworks, and protective mechanisms under the POCSO Act and IT Act. Participants learned preventive digital-safety strategies and reporting mechanisms for online crimes.

The session reflected MRU’s dedication to inclusive and preventive education, extending expert knowledge to society at large. By addressing emerging challenges such as online exploitation and cybercrime, MRU enabled citizens to become informed protectors of children’s welfare—embedding lifelong learning in civic responsibility and digital literacy for all.



□ Expert Lecture on “Democratization of Technology” (21 November 2024)

This expert session by the IEEE WIE chapter explored how simulation and AI are transforming education and accessibility across disciplines. Participants experienced virtual learning tools and discussed equitable technology use in business, science, and engineering contexts. The lecture emphasized inclusion, experiential learning, and digital empowerment for all. By promoting open dialogue on AI-enabled education, MRU advanced SDG 4.3’s vision of equal access to transformative technologies.



Public Awareness Programs

□ **Legal Aid Camp – Surajkund International Mela (4 Feb 2024)**

At the Surajkund International Craft Fair, the School of Law, Manav Rachna University, in collaboration with the District Legal Services Authority (DLSA) and Haryana Legal Services Authority (HLSA), organized a free Legal Aid and Awareness Camp accessible to the general public. The initiative created an inclusive platform where visitors from all walks of life received free consultations on family, labour, cyber, and property laws, and guidance on documentation and dispute resolution. Through interactive sessions, faculty and law students demystified legal procedures, empowering citizens to exercise their rights responsibly.

This outreach reflects MRU's strong commitment to lifelong community education by extending legal literacy beyond academic walls. The event advanced social inclusion and equitable access to justice, demonstrating how higher education can serve as a bridge between professional expertise and community empowerment.



□ **Series of Community Legal Aid Camps and Awareness Lectures (Jan–Feb 2024)**

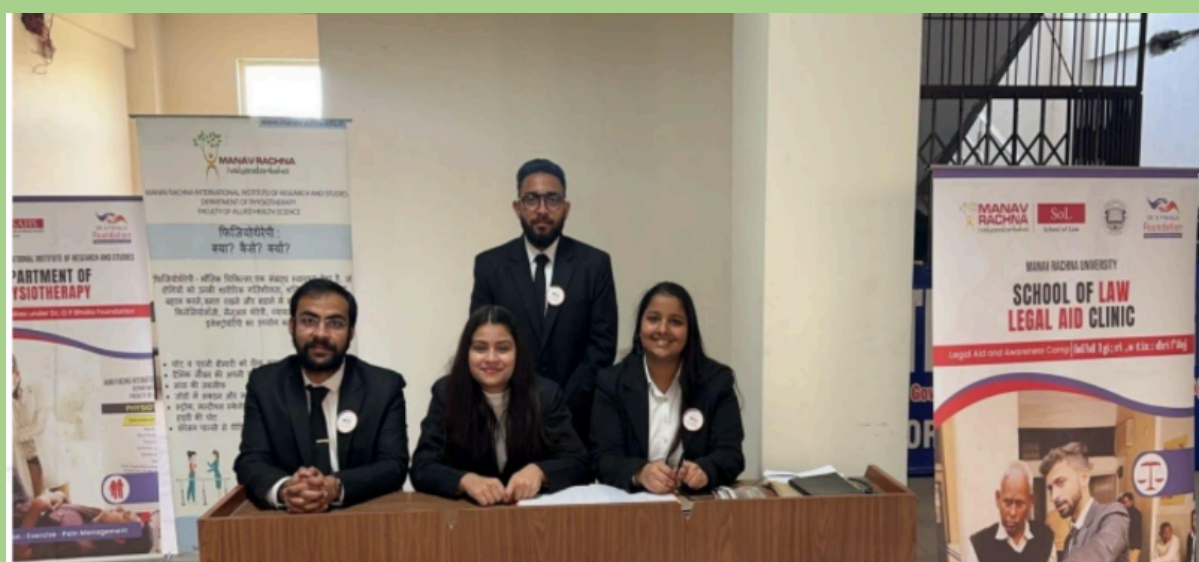
Between January and February 2024, MRU’s Legal Aid Cell conducted multiple free legal literacy camps and lectures at GSSS Bhankri Village, Bhatola Village, St. Peter’s College, and Rawal Institutions. Designed to serve rural residents, students, and marginalized groups, these sessions covered constitutional rights, women’s safety, cybercrime, and workplace harassment. Participants engaged in case discussions and question-answer sessions, gaining practical awareness of legal protections and remedies.

By taking legal education directly into communities, MRU demonstrated the role of universities as catalysts of lifelong learning and civic empowerment. The initiative cultivated legal awareness, critical thinking, and self-advocacy skills essential for a just society while strengthening the social responsibility ethos among MRU’s law students

Details of the series:

S. No	Date	Venue / Location	Organized By	Key Highlights / Activities	Objective / Impact
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1	09-02-20 24	St. Peter's College, Sector 86, Faridabad	Legal Aid Cell, Manav Rachna University	– Free legal assistance provided to local residents. – Guidance on family law, labour rights, and other issues. – Informative sessions and workshops on legal procedures and ADR (Alternative Dispute Resolution).	Promoted access to justice and legal awareness; highlighted the importance of pro bono work and community outreach.
2	23-02-20 24	Communit y Centre, Sector 37, Faridabad	Legal Aid Cell, Manav Rachna University	– Informative sessions on legal rights, workplace harassment, and education for girls. – Guidance and assistance in legal documentation and government benefit applications. – Law students interacted directly with community members.	Empowered locals with knowledge of rights and remedies; promoted legal literacy and inclusion; reinforced university's social responsibility.
3	25-02-20 24	Rawal Institutions , Sohna Road, Faridabad	Legal Aid Cell, Manav Rachna University	– Focused on providing essential legal aid to marginalized individuals. – Legal consultations and awareness activities conducted by faculty and students.	Bridged gap between legal resources and marginalized communities; upheld social justice and equality.





□ **Unnat Bharat Abhiyan (UBA) Outreach Visits – Chainsa and Dayalpur Villages (18 Aug 2023 & 2 Feb 2024)**

Under the Government of India's Unnat Bharat Abhiyan, MRU faculty and students conducted open educational and sustainability workshops in adopted villages such as Chainsa and Dayalpur. Activities included solid-waste-management awareness, Swachh Bharat drives, and dialogues on education and employment challenges. These participatory engagements allowed community members to co-create locally relevant solutions, blending classroom learning with field realities. The initiative underscores MRU's approach to learning for life

and society, empowering both rural citizens and students to practice applied knowledge for sustainable development. It also fosters mutual learning, where the university community learns from rural wisdom while contributing scientific and technological insights.



□ **POCSO & Sustainability Awareness Programme – Anangpur Village (18 Jan 2024)**

The Centre for Peace and Sustainability (MRCPS) organized a free interactive session at MSC School, Anangpur Village, combining education on child safety with sustainability awareness. Students learned about the POCSO Act through engaging activities and reflected on sustainable practices in daily life.

By integrating safety education with environmental consciousness, MRU demonstrated how community outreach can holistically advance the UN SDGs. The programme cultivated social awareness, empathy, and critical thinking among young learners—key dimensions of lifelong

learning. It also reinforced MRU's vision of nurturing responsible citizens who uphold both human dignity and environmental integrity.



□ **“Good Touch–Bad Touch” and SDG Awareness Session (2 Feb 2024)**

A continuation of MRU's outreach, this interactive awareness session educated schoolchildren on gender sensitivity, personal safety, and the Sustainable Development Goals. Conducted in collaboration with local educators, it provided a safe, inclusive environment for dialogue and learning.

The initiative empowered students with life skills and values education, aligning with MRU's goal of inclusive, equitable learning beyond classrooms. By addressing sensitive topics with empathy and educational depth, MRU strengthened social-emotional learning and promoted a culture of respect and protection for all.



□ **World Environment Day Celebration – Moujpur Village (1 Sep 2023)**

In celebration of World Environment Day, MRU organized a community-wide event at MSC Public School, Moujpur Village, featuring tree plantation, sustainability workshops, clean-up drives, exhibitions, and cultural programs. The event was open to residents, students, and volunteers from nearby areas.

Through experiential and collaborative learning, participants developed ecological awareness and stewardship. The event translated environmental science into community practice, fostering lifelong environmental literacy. MRU's sustained outreach demonstrates its role as a living laboratory for sustainability education, inspiring communities to act collectively toward greener futures.



□ **Plantation Drive – Sector 45 Green Belt (17 Jul 2023)**

In partnership with the Dr O.P. Bhalla Foundation, MRU’s students and volunteers organized a public plantation drive in Sector 45, Faridabad. Local citizens joined in planting saplings and taking the “Green Oath Commitment.” This initiative symbolized MRU’s enduring dedication to environmental education and civic participation. By inviting public participation, the university promoted intergenerational learning and sustainability values—encouraging lifelong environmental responsibility as part of social citizenship.



□ “Plastic Parivartan” Street Play – Surajkund Mela (14 Feb 2024)

During the Surajkund International Mela, MRU students presented a nukkad natak (street play) titled *Plastic Parivartan*, advocating for reduced plastic use. Open to all visitors, the performance combined entertainment with environmental education, effectively translating SDG 12 (Responsible Consumption) into accessible public learning.

This creative form of outreach illustrates MRU’s innovative approach to community pedagogy—using performing arts to make sustainability messages resonate with diverse audiences. It demonstrates the university’s capacity to inspire reflection and behavioural change through experiential, informal education.





□ **Blood Donation Awareness Camp and Street Play (14 Sep 2023)**

To promote voluntary blood donation and public health awareness, MRCPS volunteers organized a free public camp and street theatre performance. The programme drew students, faculty, and community members, emphasizing compassion, civic duty, and collective responsibility.

By integrating health education with social participation, MRU reinforced the idea that lifelong learning extends to community well-being and moral development. The initiative exemplifies how knowledge, empathy, and action converge in the university's mission for humanistic education.



□ **Project Khushi – Mental-Well-Being Awareness Drive (12 Oct 2023)**

As part of Project Khushi, the MRCPS team conducted an open mental-health awareness event at Pacific Mall, Faridabad. Through conversations, games, and creative engagement, volunteers encouraged citizens to prioritize emotional health and happiness.

This outreach connected academic understanding of psychology with public experience, advancing lifelong learning in emotional literacy. MRU's sustained focus on mental well-being demonstrates an inclusive educational vision where social empathy and community health form integral parts of higher-education outcomes.



□ **Books and Clothes Donation Drive (23 Nov 2023)**

In collaboration with local NGOs, MRU organized a campus-wide collection and distribution drive for books and clothes, open to students, staff, and the wider community. The activity not only provided resources to the underprivileged but also educated participants on sustainability, reuse, and compassion.

This initiative exemplifies learning through service, reinforcing MRU's belief that education extends beyond intellectual growth to ethical and civic learning. By encouraging collective action for social good, MRU nurtures values of empathy, generosity, and lifelong social responsibility.

□ **Community Connect: Integrating Social Outreach into the Curriculum**

The Department of Education at Manav Rachna University (MRU) has embedded *Community Connect* as a core curricular element that bridges academic learning with real-world engagement, reinforcing the university's alignment with SDG 4 – Quality Education. The initiative aims to prepare socially conscious educators who understand education as both a profession and a means for community transformation.

As part of the Integrated B.Ed. program, students undertake a two-week outreach internship after Semester IV, where they collaborate with government schools, NGOs, and charitable trusts to teach and assist learners from diverse socio-economic backgrounds. Their work includes strengthening foundational literacy and numeracy, designing inclusive learning aids, conducting remedial and enrichment classes, and organizing awareness sessions on hygiene, health, gender sensitivity, and digital literacy. Through these engagements, students gain first-hand understanding of educational challenges faced by underserved communities and explore creative, low-cost solutions for inclusive learning.

The entire process is systematically monitored and evaluated. Faculty members conduct routine visits to partner organizations and schools to observe classroom interactions, assess teaching methods, and mentor students in situ. Each student is required to submit a detailed field report and a PowerPoint presentation summarizing their experiences, reflections, and outcomes, which form an integral part of their academic assessment. This reflective cycle ensures that learning from the field is critically analyzed and translated into future classroom practice.

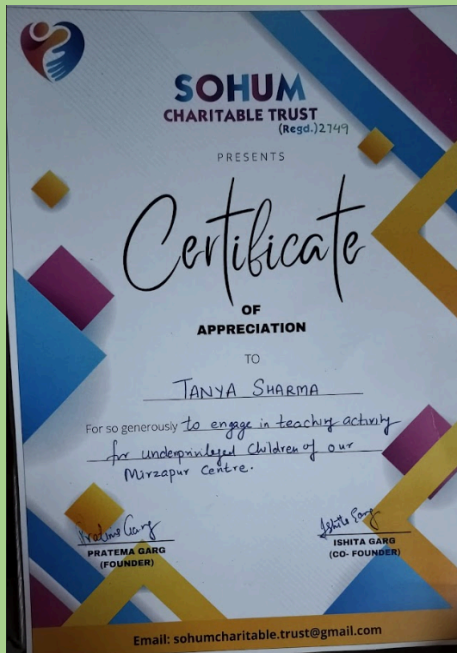
Beyond skill-building, *Community Connect* nurtures empathy, civic responsibility, and leadership among future educators. The initiative has created a sustainable network between MRU and multiple community-based institutions across Faridabad and Gurugram, enabling a continuous exchange of knowledge, support, and social impact. Over successive cohorts, the outreach has reached hundreds of learners, empowered local educators, and strengthened community-school linkages.

By integrating outreach into its curriculum, the Department of Education at MRU exemplifies the transformative role of higher education in building equitable societies. The program stands as a living model of experiential learning and institutional commitment to Quality Education for All, truly reflecting the ethos of SDG 4.

List of Students from academic year 2023-24 with their marks (based on the prescribed rubrics that involves testimonials by the students in form of PPTs and Reports, Certificate of Completion by the Non-Profit Organisation and Mentor briefing for the contribution of the students):


<p style="text-align: center;">Manav Rachna University School of Education & Humanities Integrated-BEd-V (July 2023) Community Connect Program Marks (EDO239)</p>		
Roll No	Name	Marks
2K21EDUN03001	Babita Gupta	66
2K21EDUN03002	DAMITA KHANNA	62
2K21EDUN03003	Diksha gogia	47
2K21EDUN03004	Dimple Gupta	54
2K21EDUN03006	Ishika jain	53
2K21EDUN03007	KANISHKA BHARTI	50
2K21EDUN03008	Kashish Arora	62
2K21EDUN03009	LAVIKA MDAAN	47
2K21EDUN03010	Megha Banga	50
2K21EDUN03011	Megha Sharma	38
2K21EDUN03012	Muskan .	39
2K21EDUN03013	Nidhi Dutt	68
2K21EDUN03014	NIYATI PALIWAL	62
2K21EDUN03015	Pragati Kala	60
2K21EDUN03016	PRATHAM SARAF	44
2K21EDUN03017	RICHA CHAURASIA	56

2K21EDUN03018	<i>Sneha bidhuri</i>	53
2K21EDUN03019	<i>SNEHA GILL</i>	46
2K21EDUN03020	<i>Sneha Nayak</i>	48
2K21EDUN03021	<i>Soumya Nangia</i>	61
2K21EDUN03022	<i>TANNU BHADANA</i>	51
2K21EDUN03023	<i>TWINKLE VIRMANI</i>	50
2K21EDUN03024	<i>Bhawna Khurana</i>	39
2K21EDUN03025	<i>Bhavitavya Singh</i>	45
2K21EDUN02001	<i>Aditi Singh</i>	47
2K21EDUN02002	<i>Ayush Raj</i>	45
2K21EDUN02004	<i>Himanshi Gupta</i>	49
2K21EDUN02005	<i>Jatin Kumar</i>	56
2K21EDUN02006	<i>Khushi Sharma</i>	50
2K21EDUN02007	<i>Kritika</i>	51
2K21EDUN02008	<i>Prerna Sharma</i>	58
2K21EDUN02009	<i>Ritika Yadav</i>	59
2K21EDUN02010	<i>Sakshi Verma</i>	47
2K21EDUN02011	<i>Yanya Tiwari</i>	50
2K18EDUN02004 (PSC)	<i>Diksha</i>	41
2K18EDUN02016 (PSC)	<i>Tanya</i>	43





DAY:1

- I went to Khushi Ek Hasas NGO at sector 21 B. there I meet with the manager who is handling the NGO and there he has introduces a lot of thing to me and he guided me about lot of things. that how we can help poor Children and create awareness about education. That how much education is important for those children.



DAY 4

- While conducting the activity with the students I learned that they need to work on their grammar for the betterment of their communication.
- I made sure to teach the students from the bottom so that they are clear with rules of grammar.

□ Dr. OP Bhalla Foundation

6 July 2023- A Cleanliness Drive was organised at the Old Faridabad Railway Station in which Students and Faculty Members from MR Campus actively participated in cleaning and also motivating people not to litter.

8 July - Student Interns have been teaching Mathematics and Spoken English at the Rescue Home for Boys, Faridabad during the summer break. After a month of classes, a test was conducted in the subject of Mathematics to gauge the progress of the students. The test was prepared by Ms. Pooja Khurana, who also conducted the assessment. The students showed improvements from the first assessment done.

17 July - Dr. OP Bhalla Foundation organised a plantation drive to develop the Green Belt outside the newly developed Off Campus Hostel at Sector 45, Faridabad. The drive was joined by Foundation Volunteers and Volunteers from DSW - MRIIRS and MRU Students. Dr. NC Wadhwa addressed the Students on the importance of Tree Plantation and everyone took a Green Oath to plant more trees and protect the environment. The drive was also joined by Dean-DSW-MRIIRS , Dy. Director - MRIIRS Team Foundation.



joined
and



July - Dr. O P Bhalla Foundation and United Springfields Welfare Association organised Sustainable Sunday under Green Ghar Initiative in which our Volunteers sensitised residents of Springfield about the importance of Waste Segregation and Plastic Recycling. We promoted our G2 Initiative and motivated youngsters about Environmental Conservation via. Green Pledge and Drawing Competition sponsored by Kotak. Workshops were also organised on recycling of plastic bottles to planters and learning the art of calligraphy. Around 100 residents joined the event. The RWA would now regularly collect plastic waste from the residents and hand it over to Dr OP Bhalla Foundation for getting it recycled into benches and other useful activities.



Workshops and Trainings

□ **Kaushal Kaaryashaala: For Skill Development**

The Kaushal Kaaryashaala Initiative of Dr. OP Bhalla Foundation aims to empower the Government School Students of Faridabad from standard 9th to 12th through a variety of skill development program via. online and offline hybrid teaching method and providing necessary skill sets for better employment opportunities in the higher paying jobs.

Innovation and Incubation centre (IIC) MRU in association with the Dr. O P Bhalla Foundation has been diligently working on enhancing the skill development of Government School Students through its initiative called *Kaushal*. After the successful completion of two batches, each comprising 50 students, under this program on April 25, 2024, marked the commencement of the first session of the third batch at Manav Rachna University (MRU).

Under the mission of enhancing the skill of Government School Students and making them ready for job through its initiative called Kaushal Karyashala. The students were taught the basics of Microsoft Office emphasizing on MS Word. The Program is being conducted by Dr Prashant Bhardwaj, and Dr. Jai Prakash Sharma with the guidance of Dr Parneeta Dhaliwal.

The students of this third batch belong to Grades 9 to 12 and are from GSSS Bhankri. Their enthusiasm was palpable during the inaugural class, where they delved into the basics of Hardware and Software, mastering essential skills such as operating a mouse.

We are excited about the prospects of this new batch and remain committed to empowering these students with valuable IT skills that will undoubtedly shape their futures.





□ Hackathon 1.0

Manav Rachna School of Data and Computing (MRSDC) organized *HackItUp 1.0*, a 12-hour hackathon designed to ignite innovation and problem-solving among budding technologists. The event witnessed enthusiastic participation from multiple teams across disciplines, showcasing creativity and technical expertise in diverse domains.

Among the standout performers, **Team Shinchon** secured the **3rd Prize** 🏆 for their remarkable project titled *Crop Prediction Management*. The project aimed to revolutionize the agricultural landscape through the integration of data analytics and predictive modeling. *Crop Prediction Management* leverages advanced algorithms to forecast crop yields, enabling farmers to make informed decisions for efficient and sustainable farming. The solution underscores the role of technology in strengthening the agri-tech ecosystem by promoting data-driven agricultural practices.

The team comprised **Harsh Bhardwaj (2nd Year, CSE 4A)** as Team Leader, along with **Swayam Arora (2nd Year, CSE 4A)**, **Chhaya Sharma (1st Year, CSE 2C)**, and **Khushboo Mehta (1st Year, CSE 2C)**. The competition commenced with an online idea submission phase, followed by an intense 12-hour in-person hackathon where participants transformed their concepts into working prototypes. Team Shinchan's innovative approach, teamwork, and problem-solving capabilities impressed the judges, earning them the 3rd position among several competitive entries.

The achievement of Team Shinchan reflects their dedication, creativity, and strong coding acumen. Their success highlights the value of collaboration and innovation nurtured within the Manav Rachna ecosystem. The project holds promising potential for further development and real-world implementation in the field of smart agriculture.

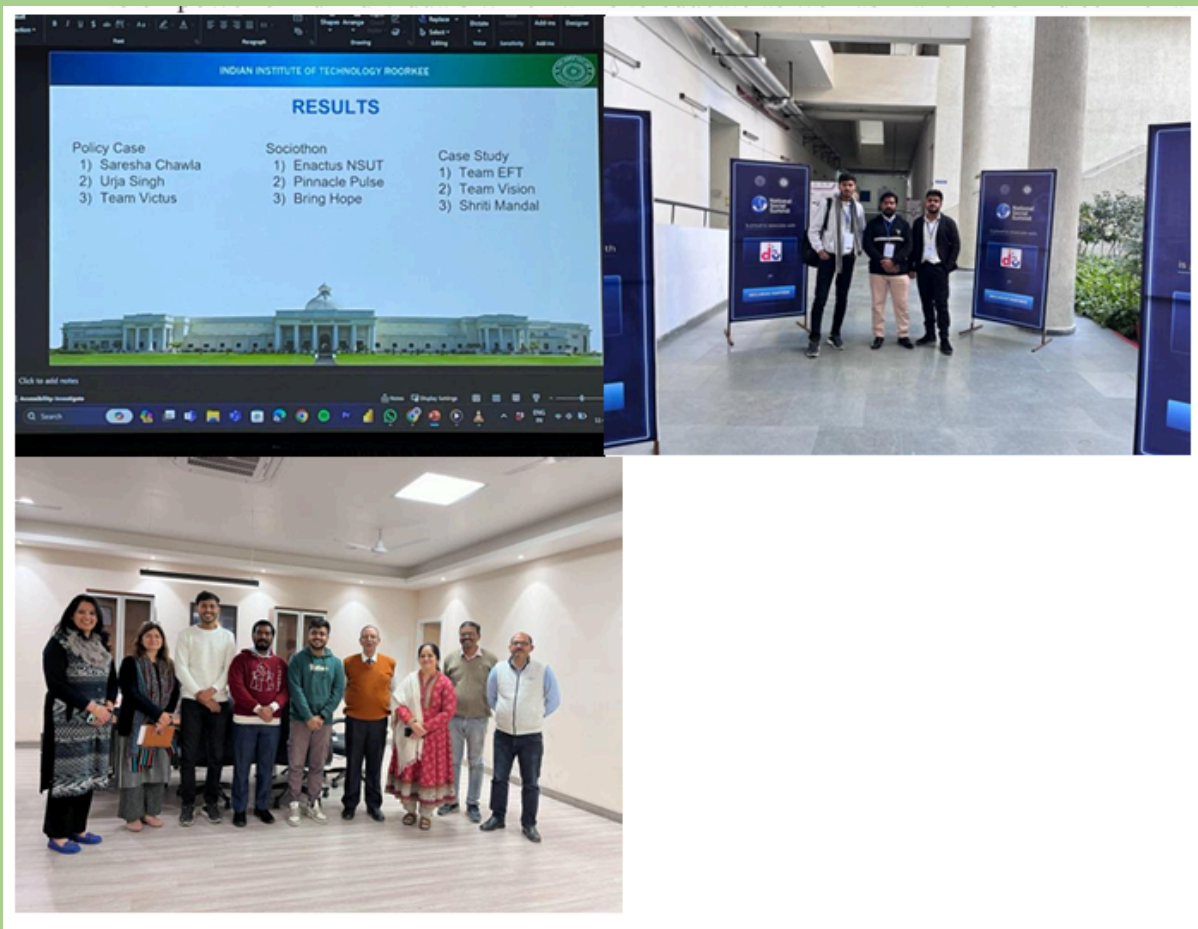
Team Shinchan's accomplishment at HackItUp 1.0 demonstrates how young technologists can contribute meaningfully to solving real-world challenges. Their *Crop Prediction Management* solution stands as a testament to the university's commitment to fostering innovation, interdisciplinary learning, and societal impact through technology.



□ AVISHKAR 2023

Event of Smart India Hackathon (SIH) 2023 was conducted at Manav Rachna University on 20th September 2023 by the IIC team. As per MoE Innovation Cell-AICTE directive, a team of technical experts from the industry was invited as judges to MRU to evaluate the idea solution and its implementation and other parameters to specific problem statements demonstrated by several competing teams of our Engineering students and select the teams to be nominated for SIH 2023 registration for final competition at National level. Each team had 6 students with at least one female student in each group. 18 teams participated in the internal Hackathon held at Manav Rachna University @ HB-02. Students participated enthusiastically and presented their solutions to the Jury members. Mr. Pranav Chauhan (Technical Manager, Design Tech Pvt. Ltd), Dr. Kiran Khattar (Associate professor at BML

University) and Dr. Devnajali (Associate professor at BML University) were the three judges invited from industry. The evaluation process was done with solution presentation as per the SIH 2023 format and students demonstrated the basic functionalities of their solutions in both hardware and software category. The rigorous evaluation process and feedback done by all the jury members were constructive for the teams to understand their shortcomings and solution improvement. Jury members congratulated all the team members and gave them best wishes for the national level (Smart India Hackathon 2023) event.



□ **Orientation cum Refreshers' Session on IIC Objectives (5 August 2024, National Level)**

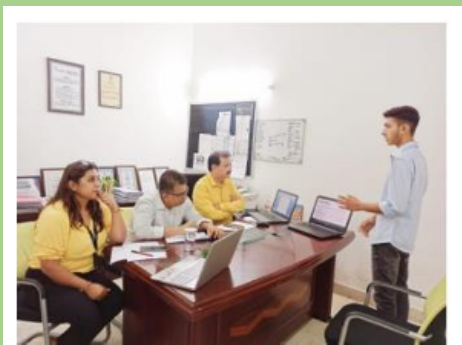
This orientation session familiarized faculty and students with the IIC framework, innovation goals, and capacity-building programs. Participants gained insights into policy initiatives supporting entrepreneurship and innovation-based learning. The program fostered awareness about national innovation resources accessible to all learners.



□ Pitchdeck – A Sustainable Idea Competition

On 7th September, 2023, the Innovation and Entrepreneurship club, under the pre incubation centre along IIC, Manav Rachna University organized a pitching event – “Pitchdeck- A sustainable Idea Generation Competition”, to introduce the first-year students to the I&E club. The event commenced with an engaging registration process that drew the attention of aspiring entrepreneurs across the university. The registration period spanned two weeks and was open to all students interested in presenting their innovative business ideas. The registration period consists of online registration, team formation, idea synopsis, selection

criteria, confirmation email. Interested students accessed the registration link to filled out a comprehensive online registration form. Each team submitted a concise synopsis of their business idea, highlighting the problem they aim to solve, their proposed solution, and the potential impact of their innovation. Upon successful submission of the registration form, participants received a confirmation email containing further details about the event, including the pitch format, evaluation criteria, and important data and time. The Pitchdeck event was held on 7th September, 2023 at the K block room no. KG02. The event spanned from 12:30pm to 3:30pm, offering a mix of idea pitching, jury evaluation, and networking opportunities. The Jury consisted of an external guest Mr Mohit Mahajan, Our universities Dean Research, Dr. Pradeep K Varshney and Dr. Yogita Sharma, Head of Entrepreneurship, Incubation & Startup. There were total of 10 teams that were selected to present their idea and the jury evaluated them on the basis of novelty of idea, relation to sustainable goal, uniqueness and presentation. With the opening of ceremony, each participating team took the stage to deliver a compelling pitch of their business idea. Teams were allotted a maximum of 5 minutes for their presentation, followed by a brief Q&A session with the jury. After each pitch, the jury members engaged in private discussion to evaluate ideas based on predetermined criteria. The event closed with an opportunity to connect and exchange insights. The Pitchdeck event's registration process and overall execution highlighted the dedication of the Innovation & Entrepreneurship Club to fostering a culture of innovation within the university. By creating an inclusive platform for first year students to showcase their entrepreneurial ideas, the event contributed to the growth of innovative thinking and provided a stepping stone for potential future ventures. This whole event was executed by the team I&E Club under the guidance of Dr. Yogita Sharma.



Pitchdeck – A Sustainable Idea Competition



- ❑ **One Day training Program on X-Ray Diffraction: 17th January 2024** The students were welcomed in the inaugural session by UIC members. The session was taken over by the resource person and conducted as per following schedule:

The XRD (Rigaku, Miniflex 600) has been procured in UIC-MRU and installed successfully. A one-day training program was conducted on 17.01.2024 for faculties and Ph.D. scholars to learn the usage of XRD. The demo of the instrument was conducted in three sessions (10:30 am-12:00 noon; 2:00 pm-3:00 pm and 3:00 pm to 4:00 pm).

The theoretical aspects of the instruments were also covered in a session from 12:30 to 2:00 pm by Dr. Rakesh Kumar Mishra. The demo was given by two application engineers (Mr. Brijesh Kumar and Mr. Akhilesh Kumar Paswan). One of the demo sessions was also graced by the presence of Dean Academics, Dean Sciences & HOD Sciences. The event was attended by around 10 faculty members and 8 students (Ph.D. + PG). Few screenshots of the event are attached herewith.



MANAV RACHNA UNIVERSITY

Declared as State Private University vide Haryana Act 26 of 2014

**School of Sciences
University Instrumentation Centre
UIC-MRU**

organizes

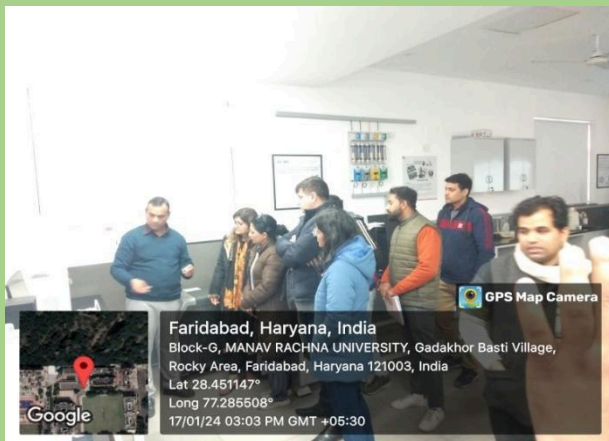
**ONE DAY TRAINING
ON
X-RAY DIFFRACTION**

Date: 17th January 2024

Venue: University
Instrumentation Center-
MG04



Registration Link:
<https://forms.gle/2TV6FvWTDJnTMpcf6>



□ **One day workshop on Advanced Instrumentation and Sustainable Waste Management Techniques: 17th Feb 2024**

University Instrumentation Centre and School of Sciences, Manav Rachna University Faridabad is organized a one-day workshop on “*Advanced Instrumentation and Sustainable Waste Management Techniques*” on 17th February 2024.

The students were welcomed in the inaugural session by Prof. (Dr.) Meena Kapahi (Dean, School of Sciences), Dr. Sandeep Kumar (Head, Department of Sciences), Dr. Vinayak V. Pathak (Incharge-UIC) and other faculty members of Department of Sciences, MRU.

In the first session of the workshop, Dr. Sandeep Kumar gave important information about the department to the participants. He explained about the courses offered in the department, research areas of the faculty members of the department, achievements the students have and what opportunities are available in the department for students. In the same session, Dr. Vinayak Vandan Pathak told the participants about the efforts made by the university regarding solid waste management. He also informed the students regarding facilities available at University Instrumentation Centre. Prof. (Dr.) Meena Kapahi discussed with the participants about various methods related to solid waste management and demonstrated different working models for solid waste management.

In the second technical session of the workshop, Dr. Priti Gupta and Dr. Ekta Rawat gave a demonstration to the participants of various state-of-the-art instruments installed in the University Instrumentation Centre. The participants understood the working of instruments like GC-MS, FTIR, Powder XRD, UV-Visible Spectrophotometer and RF-Sputtering and explained their applications. Research Scholars of Department of Science Ms. Eksha, Ms. Anjali Sharma, Mr. Osheen and Ms. Neha provided hands-on training to sophisticated analytical instruments to the participants.

Dr. Vinayak v. Pathak and Dr. A. Jayamani took the participants on a tour of the wastewater treatment plant and biogas plant located in the University. The participants were explained in detail about the wastewater treatment and biogas production process.



- **Unearthed Dangers: The hidden threats of solid waste in disaster risk in collaboration with Hazardous Waste Management Division, Ministry of Environment Forest & Climate Change: 18th March to 22nd March 2024.**

School of Sciences, Manav Rachna University Faridabad in collaboration with Hazardous Waste Management Division, Ministry of Environment Forest & Climate Change organized five days training program Unearthed Dangers : The hidden threats of solid waste in disaster risk “ from 18 to 22 March 2024. The objective of the training program was to provide insight on current practices and changes in solid waste management and to understand the

risk due to improper handling of solid waste management. The first day of the training program was focused on the interlinking between solid waste generation and disaster risk.

The first day of the training program provided participants with a comprehensive overview on disaster risk reduction initiatives and its link with solid waste management practices. Dr. Muzaffar Ahmad, (Former Member, National Disaster Management Authority, India), Dr. Veenu Joon (Additional Director, MoEF&CC), Dr. Abdheesh K. Gangwar (Regional Director, CEE, India) delivered the expert talk on the first day.

The focus of the second day of the training session was community based participation in solid waste management and technical aspects of vermicomposting for solid waste management. Three distinguished experts viz. Dr. Deep Narayan Pandey (Special Centre for Disaster research, JNU), Dr. Mukesh Kanwar (Dr. H.S. Gour University), Prof. Paromita Chakraborty (SRMIST) shared their insight on the second day.

The third day emphasized the health hazards due to lack of solid waste management. Prof D.K. Sharma (IIT Delhi), Dr. Kalpana Arora (Consultant, Ministry of Urban & Housing Affairs, GoI) and Prof. P.K. Joshi (JNU) delivered an expert lecture on the third day. On the fourth day of the training program, Dr. Satyam Verma (Dr. H.S. Gour University) and Dr. R.P. Singh (Banaras Hindu university) shared their insights on the role of GIS for solid waste Management and case studies on solid waste management. Mr. Himanshu Tilwankar (Advisor, Vyoants) explained the plastic waste management and associated health risk on the fifth day of the training session.



MANAV RACHNA UNIVERSITY
Training Program
 on
"Unearthed Dangers: The Hidden Threat of Solid Waste in Disaster Risk"
 organised by
School of Sciences, Manav Rachna University, Faridabad
 in collaboration with
Hazardous Substances Management Division (HSMD), MoEFCC, GoI
(18 To 22 March 2024)
Mode: Hybrid

SCANN THE QR CODE FOR REGISTRATION
<https://forms.gle/kkxetXME7EADp9w9>

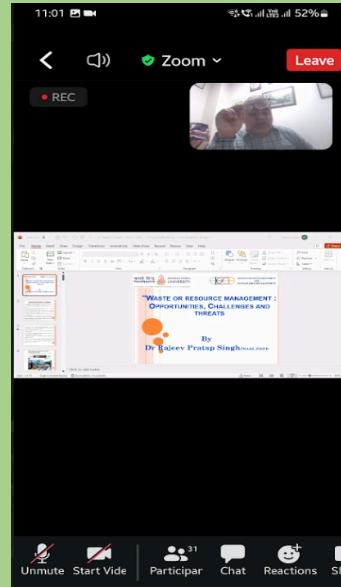
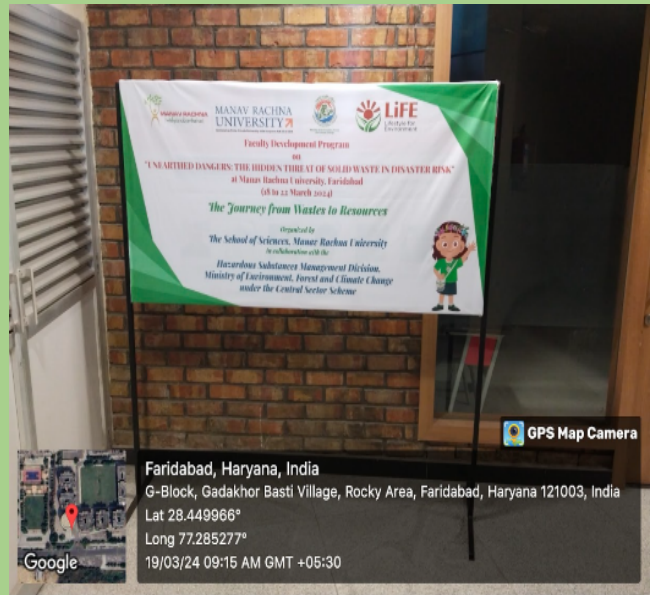
PROF. (DR.) I.K. BHAT
 CHIEF GUEST

PROF. (DR.) SANGITA RANGA
 HONORARY PATRON

Organizing Committee

Prof. (Dr.) M. Kapali Convener	Dr. Anama Baidhan Co-Convener	Dr. Vinayak V. Pathak Organizing Secretary	Dr. A. Sahai Treasurer
Prof. (Dr.) D.K. Sharma Member	Dr. Sandeep Kumar Member	Dr. Arpit Sand Member	Dr. Aparna Vyas Member
Dr. Priti Gupta Member	Dr. A. Jayamani Member		

- Registration fee: Free (Supported by MoEFCC, GoI)
- The candidates are requested to register online on or before 18th March 2024, 11:00 am by filling up the Google form using the mentioned link or by scanning the given QR code.
- The seats are limited in number; participants are requested to register at the earliest.



□ One day workshop on Practical skill enhancement in sophisticated analytical instruments: 4th April 2024

MANAV RACHNA UNIVERSITY
 Declared as State Private University vide Haryana Act 26 of 2014

University Instrumentation Centre (UIC-MRU)
School of Sciences

is organizing
One Day Workshop on
PRACTICAL SKILL ENHANCEMENT IN SOPHISTICATED ANALYTICAL INSTRUMENTS

EVENT DETAILS

Date: 04th April 2024
Venue: UIC-MRU (MG04)
Time: 9:30 am onwards

ORGANIZING COMMITTEE

Prof. (Dr.) Meena Kapahi Dr. Priti Gupta
 Dr. Ekta Rawat Dr. J.P. Singh
 Dr. V. V. Pathak Dr. A. Jayamani

uic@mu.edu.in +919870400874

University Instrumentation Centre, School of Sciences, Manav Rachna University organized one day workshop on *Practical Skill Enhancement in Sophisticated Analytical Instruments* on 4th April 2024. A total 59 participants including Students and faculty members from Government College for Women Faridabad and Pt. Jawahar Lal Nehru Government College, Faridabad attended the workshop.

In the inaugural session Prof. (Dr.) Meena Kapahi (Dean School of Sciences), Dr. Sandeep Kumar (Head, Department of Sciences), Dr. Arpit Sand (Program Head-chemistry), Dr. Aparna Vyas (Program Head-Mathematics), Dr. Priti Gupta, Dr. Ekta Rawat, Dr. A. Jayamani and Dr. Vinayak V. Pathak welcomed the participants.

Dr. Sandeep Kumar explained about the vision and different courses offered by the department, research areas of faculty members, student's achievements and various research facilities available in the Department of Sciences. The students were also informed about the waste management techniques. Prof. (Dr.) Meena Kapahi and Dr. V.V. Pathak, demonstrated the bioenzyme production and compost preparation.

In the next technical session, students were provided with hands on training of advanced instruments at University Instrumentation Centre. All participants understood the functioning of Gas chromatography-mass spectrophotometry, Powder XRD, Fourier Transform Infrared Spectroscopy, UV-Visible spectrophotometer and RF- sputtering. Dr. Priti Gupta, Dr. Ekta

Rawat and Dr. A. Jayamani along with research scholars of Department of Sciences demonstrated the instruments to all participants.



□ Hands-On-Training on Spectroscopic Techniques

On August 22, 2024, University Instrumentation Centre, School of Sciences organized Hands-On-Training on Spectroscopic Techniques. The training program was held from 10:00 AM to 4:00 PM.

The program began with the welcome of resource person Mr. Sachin Garg by Prof. (Dr.) Meena Kapahi (Dean, Department of Sciences) and Dr. Sandeep Kumar (Head, Department of Sciences).

Resource person Mr. Sachin Garg explained the functioning and technical aspects of the equipment to the participants. The sample collected by the participant was also analyzed through the equipment.

Dr. Harsha Devnani (Assistant Professor), Dr. V.V. Pathak (Assistant Professor) and Ms. Eksha Guliani (Research Scholar) then explained participants with theoretical aspects of

instruments in parallel sessions held at Audio Visual Room, Swami Vivekananda Library & UIC.


The feedback from the participants was overwhelmingly positive, indicating the success of the Hands-on-Training Program in achieving its objectives.



□ Sanrachna 6.0 (Entrepreneurship Cell MRU–IIC, September 2024)

Sanrachna 6.0 celebrated innovation, entrepreneurship, and SDG awareness through a series of interactive public events. Activities such as *Painted Smiles*, *Business Model Creation* with AIC–BIMTECH, and an expert session on social-media entrepreneurship engaged participants from varied academic backgrounds. The initiative promoted creativity, sustainability, and business acumen accessible to all learners. By fostering interdisciplinary collaboration and open participation, MRU strengthened its culture of responsible innovation and community engagement.

	Tagline Competition	MEME Marketing	Business Quiz	Cyrus Against Virus	Case Study Analysis
First	Sameer Specter	Dhruv Rathore	Mehul Jain Prateek Singh	Sayeri Chatterjee	Alnoor Parveen
Second	Bhumika Bhateja	Pooja Jain	Ishita Khanna Shivam Kumar	Anurag Tiwari	Tavishi Sharma
Third	Tushar Juneja	Deepanshu	Yatharth Vohra	Kashish Kohli	Mehul Jain



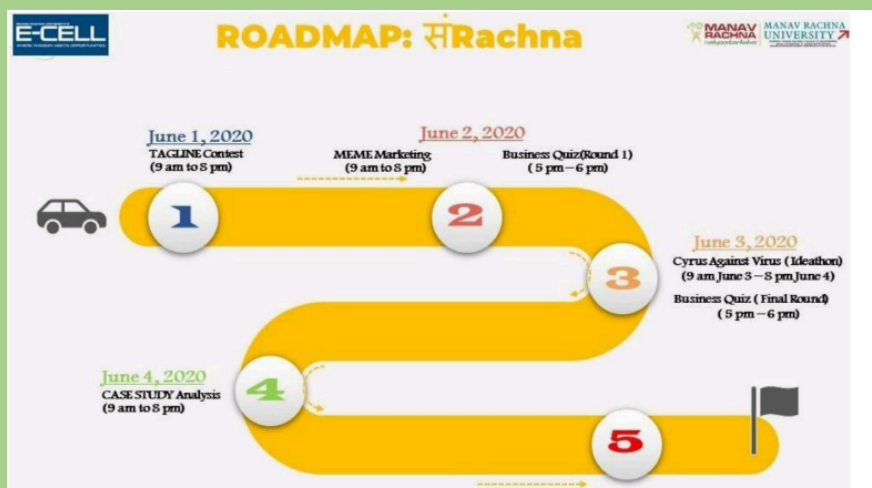
□ Skill-Up Workshop

This open workshop united 70–75 students from schools across Delhi NCR to explore creativity, design thinking, and innovation. Through the *Smart Bucks* activity, participants applied the SCAMPER ideation framework and hands-on exercises to generate novel solutions. The event built creative confidence, problem-solving ability, and collaboration among youth beyond MRU’s enrolled students. It exemplified MRU’s mission to extend high-quality learning experiences freely to the community, nurturing curiosity and lifelong learning.



□ E-Week “संRachna” (1–5 June 2024)

MRU’s Entrepreneurship Cell hosted a nationwide online E-Week attracting 350 participants from universities across India and Nepal. Events included *Cyrus Against Virus Ideathon*, *Business Quiz*, and *MEME Marketing Competition*, culminating in the webinar “Enlighten – The Paradigm Shift in Entrepreneurship.” The free virtual platform encouraged innovation, collaboration, and skill development without geographical or economic barriers. It showcased MRU’s commitment to inclusive digital education and global outreach.



□ Four-Day Business Simulation Workshop (12–15 March 2024)

The School of Management & Commerce conducted a four-day experiential simulation, *Business Fundamentals – Carbon Fibre Bike Challenge*, open to students from MRU and nearby colleges. Participants operated virtual companies, making decisions in marketing, finance, and strategy using a U.S.-licensed tool. The workshop provided free access to advanced business learning resources and mentorship. It developed analytical, leadership, and teamwork skills, reinforcing MRU’s approach to accessible, practice-oriented higher education.

□ Workshops under The Centre for Advance Learning excellence centre:

At Manav Rachna University successfully conducted a series of **Leadership Development Workshops** for the teachers of *Manav Rachna International Schools (MRIS)* during the academic year 2023–24. The workshops were designed to strengthen leadership competencies among school educators, enhance team synergy, and promote reflective teaching practices.

The sessions focused on areas such as effective communication, decision-making, conflict resolution, and developing leadership mindset in academic settings. Each workshop included interactive activities, case discussions, and collaborative exercises aimed at empowering participants to take on leadership roles within their institutions.

The program was implemented across three MRIS campuses on the following dates:

School	Location	Dates
MRIS Sector 46	Gurgaon	21st – 23rd May 2024
MRIS Sector 14	Faridabad	29th – 31st May 2024
MRIS Sector 21	Faridabad	25th – 28th June 2024

The workshops received active participation from school faculty members who shared valuable insights and experiences. Feedback from participants reflected high satisfaction with the interactive format and practical relevance of the sessions.

Through this initiative, the Centre for Advance Learning reaffirmed its commitment to strengthening the leadership ecosystem within the Manav Rachna group of institutions and fostering a culture of continuous professional growth among educators.



MRIS SECTOR 21 FARIDABAD

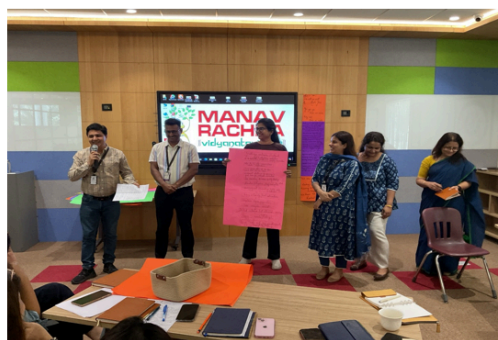


MRIS SECTOR 46 GURGAON





MRIS SECTOR 14 FARIDABAD



□ Innoskill 2024

A multidisciplinary, free, and open innovation and skill festival providing equitable learning opportunities to students and the wider community. The event featured more than 50 competitions, exhibitions, and hands-on workshops across engineering, healthcare, law, business, sustainability, and arts. It promoted creativity, employability, and lifelong learning through design thinking, digital literacy, and sustainable innovation. Open to school and college participants nationwide, the initiative fostered inclusivity, collaboration, and experiential education beyond campus boundaries. By integrating technology, entrepreneurship, and social responsibility, MRU ensured accessible, transformative learning experiences that empower individuals and advance the global vision of quality education for all.

Events of 7th INNOSKILL 3rd & 4th April, 2024

Vertical-1	Innoskill Engineering Drift and Design
Coordinator	Name of the Events
Dr. Manoj Nayak	Theme Based Model Demo (Srijan)
Dr. Abhiruchi Passi	Best out of Waste (Nav Shrijan)
Dr. Aarti Prakash Khare	Code Debugging
Dr. Parneeta Dhaliwal (MRU)	LAN Gaming
Dr. Charu Pathak (MRU)	BioGenius
	Vista Vibes- Video Blog
	Technical Memes
	Build a Circuit
	Workshop on 3D Printing
	Workshop on Laser Cutting and Design
Vertical-2	Innoskill Business and Management Conundrum
Coordinator	Name of the Events
Mr M. K. Koul (MRU)	Pro Launch 2024
Dr.Vinit Sikka	Ideatrakt
Dr. Priyanka Shrivastava	Poster Making
	Finance Ki Pathshala
Vertical-3	Innoskill Healthcare Mystery
Coordinator	Name of the Events
Dr. Divya sanghi	Workshop on Somatotyping
Dr. Meena Jain	WellTech Innovate Challenge
Dr. Ankita	Best out of food waste challenge
Dr Gurpreet Kaur , MRU	YuvaFlex Fusion Challenge
	Pseudo Recipe Competition
	Rescue Rangers Workshop
Vertical-4	Innoskill Sustainathon
Coordinator	Name of the Events
Dr. Geeta Thakur (MRU)	Sustainathon
Dr. Shagufta Jabin	Eco-reel
	My community My Ad
	Ecorhyme
	Know your C-footprint
Vertical-5	Innoskill Culinary and Hospitality
Coordinator	Name of the Events
Ms. Prachi Mor	Workshop on Coffee: Journey of coffee "Bean to cup" supported by Lavazza

	Millet Cook off Challenge
Vertical-6	Innoskill Law Knot
Coordinator	Name of the Events
Dr. Sumbul Fatima (MRU)	Parliamentary Debate
Dr. Aditi Choudhary (MRU)	Manifesto
	Policy & Preamble Quiz
	Reformative Policy Drafting
Vertical-7	Innoskill Media and Literary Stumper
Coordinator	Name of the Events
Dr. Gurjeet Kaur Chawla	Techno- Vogue "Technology Fashion Walk"
Dr. Shivani Vashist	Spell Bee Competition "Who will be the Spell Bee Champion"
Dr. Pooja Khurana	Innovoice "RJ Hunt"
	SnapFlickShowdown: "Reel Making Competition"
Vertical-8	Innoskill Social Spectrum
Coordinator	Name of the Events
Dr. Priyanka Tiwari	Shark tank 2.0 (AWAKE THE ENTERPRENEUR WITHIN YOU)
Dr. Rashee Singh (MRU)	PRAJAKIYA – The Rules of People "Global Warming and Environment Conservation"
Dr. Aarti Suryavanshi	Move To The Groove "Exploring the inner self through creative movement"
Ms. Megha Makan Ms. Priyanka Joshi	Screen Masters

The Impact:

The initiatives under Vertical 4.3.2 – Public Events have created a tangible impact at the community level by transforming the university into a hub of shared learning and social awareness. Through open seminars, awareness drives, exhibitions, and collaborative forums, knowledge was extended to schools, local communities, and partner institutions beyond the campus. These events encouraged dialogue on education, sustainability, and lifelong learning, making academic insights accessible to diverse groups. The active participation of faculty, students, and community members built stronger educational linkages and fostered civic responsibility. As a result, the university’s public engagement efforts not only enriched community learning but also strengthened the collective pursuit of SDG 4: Quality Education, reinforcing education as a shared and inclusive process that benefits society at large.