



मालवीय राष्ट्रीय प्रौद्योगिकी संस्थान जयपुर
MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR
(An Institute of National Importance)

MNIT NEWSLETTER

QUARTERLY
ISSUE
FEBRUARY 2025



Follow us on



mnit.ac.in/about_us/newsletter

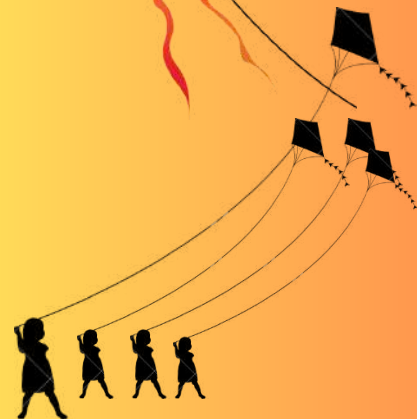


Contents

• Director's Message	03
• Campus Chronicles	04
• Republic Day	07
• SPHINX 2024: A Spectacular Techno-Management Fest	09
• Constitution Day Celebrations	17

• Youth Fest Celebrations	18
• Infrastructure Developments	19
• Departmental Spotlights	20
• Research Publications and Projects	28
• Achievements and Awards	29
• Deanery Initiatives	31

• Alumni Engagements	33
• Library Events and Workshops	35
• Student Visits to MNIT Jaipur: Exploring Science & Knowledge	35
• MNIT in NEWS	37
• Kulgeet	40





DIRECTOR'S MESSAGE

Dear Readers,

It is a privilege to connect with you through this edition of our quarterly newsletter. The past months at MNIT Jaipur have been marked by transformative initiatives, outstanding achievements, and a shared commitment to progress.

We take immense pride in celebrating national occasions that reinforce our values. The **76th Republic Day** was a moment of reflection on our role in education, research, and innovation. Initiatives like **Ek Ped Maa Ke Naam** emphasize our dedication to sustainability, while Constitution Day reaffirmed our commitment to justice, liberty, and equality.

Campus life was further enriched by **SPHINX 2024**, our flagship Techno-Management Fest, and the **Youth Fest**, fostering innovation, creativity, and collaboration. Strengthening holistic development, we have enhanced our infrastructure with advanced research facilities and a newly inaugurated state-of-the-art gym promoting well-being.

Innovation remains at the heart of MNIT. The Capacity Building for Design and Entrepreneurship (CBDE) Project at MIIC is empowering future entrepreneurs, and the MIIC Coffee Table Book showcases the journeys of 18 thriving startups. Academically, events like the Aditya-L1 Workshop on solar research and the Indo-Russia Workshop on Clean Energy underscore our leadership in cutting-edge advancements. Our newly inaugurated research facilities further enhance our commitment to excellence.

Beyond academics, our students continue to excel in cultural, technological, and leadership arenas. Their enthusiasm in sustainability projects, technical workshops, and beyond strengthens MNIT's reputation as a hub of holistic development.

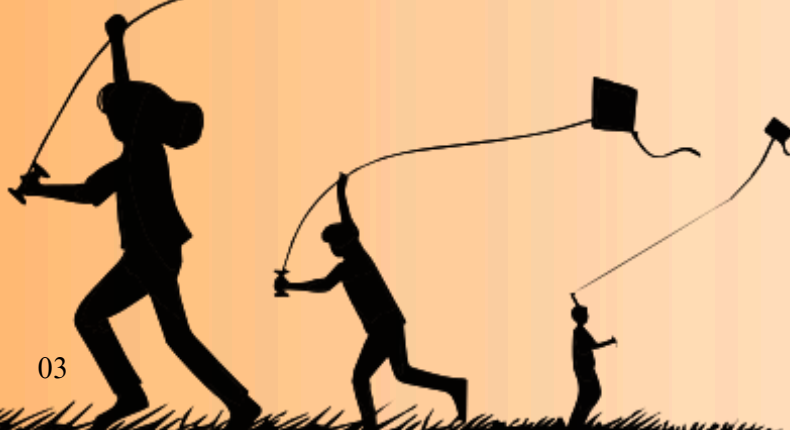
While celebrating achievements, we must also acknowledge the challenges of progress. Prioritizing well-being and seeking support—whether from peers, faculty, or counseling services—is a sign of strength. Together, we can overcome obstacles and grow stronger.

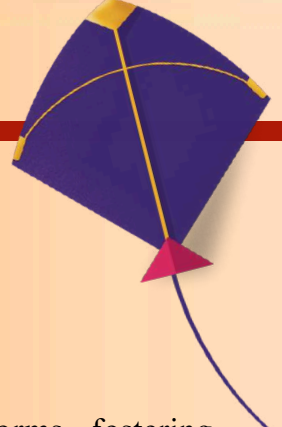
As we move forward, let us remain committed to innovation, resilience, and meaningful contributions to society.

Wishing you all a semester filled with inspiration and success.

Warm regards,

Prof. Narayana Prasad Padhy
Director, MNIT Jaipur





Campus Chronicles

Capacity Building for Design and Entrepreneurship (CBDE) Project

On October 16, 2024, MNIT Jaipur launched the CBDE project at MIIC to promote innovation and entrepreneurship. The event was graced by Prof. N.P. Padhy, Director, MNIT Jaipur, and Prof. Monica Sharma, Head of MIIC, alongside mentors Mr. Jeyadev Parthasarathy, Mr. Paresh Gupta, and Mr. Madhup Bansal. A notable highlight was the release of the MIIC Coffee Table Book, featuring entrepreneurial journeys of 18 startups, symbolizing the institute’s commitment to fostering innovation.

programs, and networking platforms, fostering stronger industry-academia collaborations.



(A gathering of esteemed faculty members from BIT Mesra during the Faculty Development Program)

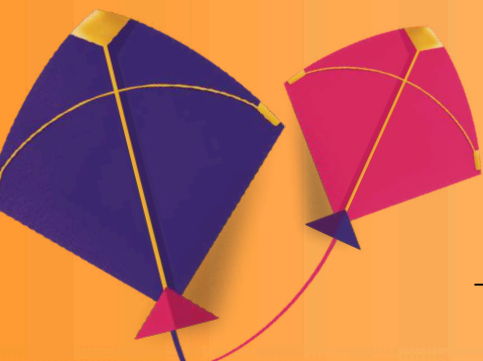
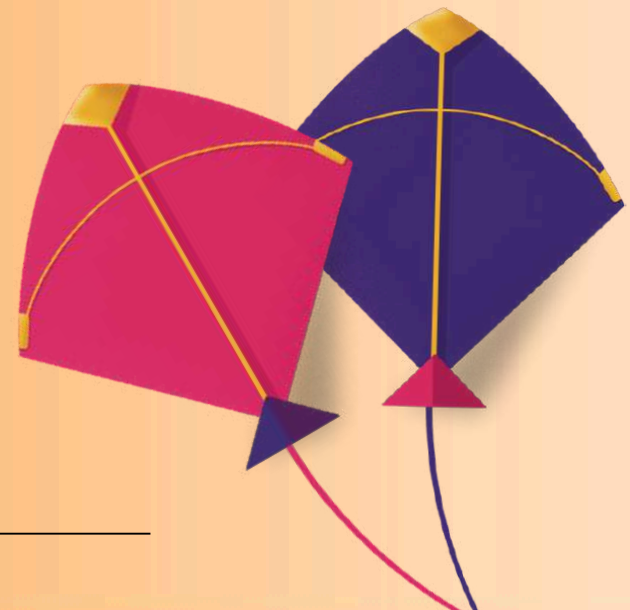


Entrepreneurship and Conferences

MICC-incubated startup Oceanlux CCU, founded by Mr. Gaurav Raghav, showcased its Microalgae-based Artificial Photosynthesis Technology to Hon’ble Prime Minister Shri Narendra Modi during the Rising Rajasthan summit in Jaipur. This innovative solution for sustainability and climate action received appreciation from the PM.

Visit of FDP Participants from BIT Mesra

On November 29, 2024, MIIC welcomed faculty from BIT Mesra, Jaipur Campus, as part of a Faculty Development Program (FDP). This visit aimed to familiarize participants with MIIC’s resources, including startup incubation, mentorship





(Hon'ble Prime Minister Narendra Modi observing the microalgae-based artificial photosynthesis technology startup incubated by MIIC, MNIT Jaipur)

The **11th IEEE PIICON** was held at MNIT Jaipur from December 10-12, 2024. The conference featured 14 keynote lectures, 4 tutorials, and over 190 paper presentations, along with a WIE event and distinguished guests, including Chief Guest Dr. R.P. Singh and Guest of Honour Prof. Anil Pahwa.



(Director N.P. Padhy, along with Chief Guest Dr. R.P. Singh (Former CMD PGCIL) and Prof. Anil Pahwa (Kansas State University, Canada), lighting the ceremonial lamp to mark the occasion of 11th PIICON)

Startup Meetup Jaipur

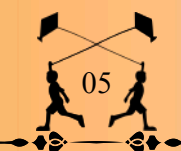
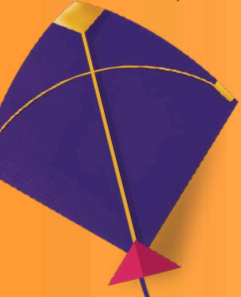
The Startup Meetup Jaipur united over 40 startup founders, investors, and mentors, creating a vibrant platform for networking and collaboration. Key session on The Importance of Unit Economics in Early-Stage Startups delivered valuable insights for aspiring entrepreneurs. This event significantly contributed to strengthening Rajasthan's growing startup ecosystem.



(Founders and mentors delivering a session on The Importance of Unit Economics in Early-Stage Startups, guiding entrepreneurs toward sustainable growth)

Women Startup Program (Rajasthan Edition)

In collaboration with IIMB NSREL, the Rajasthan Edition of the Women Startup Program empowered women entrepreneurs with mentorship, resources, and a structured curriculum. Participants gained insights into business strategy, leadership, funding, and marketing, fostering a sustainable entrepreneurial ecosystem in Rajasthan while driving economic growth and social impact.





The Wellness Club’s Awareness Session

A session on Substance Abuse (November 18, 2024) was organized by the Wellness Club and DSW office, this session was led by Dr. Sanjay Shah, Chief Medical Officer at SVNIT Surat. The talk focused on informed decision-making, resilience, and leading a healthier life.



(Substance Abuse Awareness Session organised by DSW and wellness club)

Indo-Russia Workshop on Clean Energy (November 20, 2024)

Hosted by the Centre for Energy and Environment, this workshop featured delegates from the Russian Academy of Sciences. Dr. Yuriy Litti delivered a lecture on Dark Fermentative Hydrogen Production, followed by hands-on training at the Bio-Fuel Laboratory.



(A gathering of attendees at the Indo-Russian Workshop on Clean Energy, fostering collaboration and innovation in sustainable solutions)



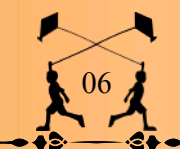
(Dr. Sanjay Shah delivering a talk on informed decision-making, resilience, and leading a healthier life—organized by the Wellness Club)

Lecture on Leveraging NIRF for Academic Excellence (December 2, 2024)

Prof. Anil Sahasrabudhe, Chairman of the NAAC Executive Committee, discussed how institutions can use NIRF rankings strategically to enhance academic and research standards.

23rd Session of HUMPALS (December 3, 2024)

Focused on self-learning, re-learning, and co-learning, the session featured an address by Prof. Manju Singh, highlighting collective progress and mutual support among faculty members.





(Gathering of attendees of the 23rd session of HUMPALS)

Republic Day

MNIT Jaipur Celebrates the 76th Republic Day with Patriotic Fervor

The 76th Republic Day was celebrated with great enthusiasm at Malaviya National Institute of Technology (MNIT) Jaipur. The event began with the unfurling of the National Flag by Prof. Narayana Prasad Padhy, Director, MNIT Jaipur, symbolizing national pride and sovereignty.

In his address, Prof. Padhy highlighted MNIT's achievements, including:

- **Infrastructural Developments:** New hostel buildings and modern gymnasiums,
- **Research & Academics:** Notable research projects and academic advancements,
- **Accomplishments:** National and international faculty and student recognitions,
- **Global Collaborations:** Expanding international partnerships.

He also commended initiatives like the Virtual Reality Lab with ISRO, NBA accreditation for key programs, and MNIT's growing innovation ecosystem.

Felicitation Ceremony

Outstanding staff members were honored for their contributions:

- **Ministerial Category:** Sh. Vinod Mani Sharma, Mrs. Prachi Vaid, Sh. Rahul Maurya, Sh. Sanjay Kumar, Sh. Har Sahay Meena, Sh. Radhe Shyam Kholia.
- **Technical Category:** Sh. Ram Swaroop Mandolia, Sh. Hari Gyan, Sh. Pushpendra Kumar Sharma, Sh. Jeetinder Singh Arya.

Cultural Extravaganza

MNIT students presented vibrant musical, dance, and theatrical performances reflecting India's rich heritage, freedom struggles, and patriotic pride. The celebration rekindled the spirit of unity and patriotism among all attendees.

Ek Ped Maa Ke Naam: A Green Tribute at MNIT Jaipur





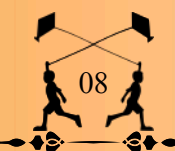
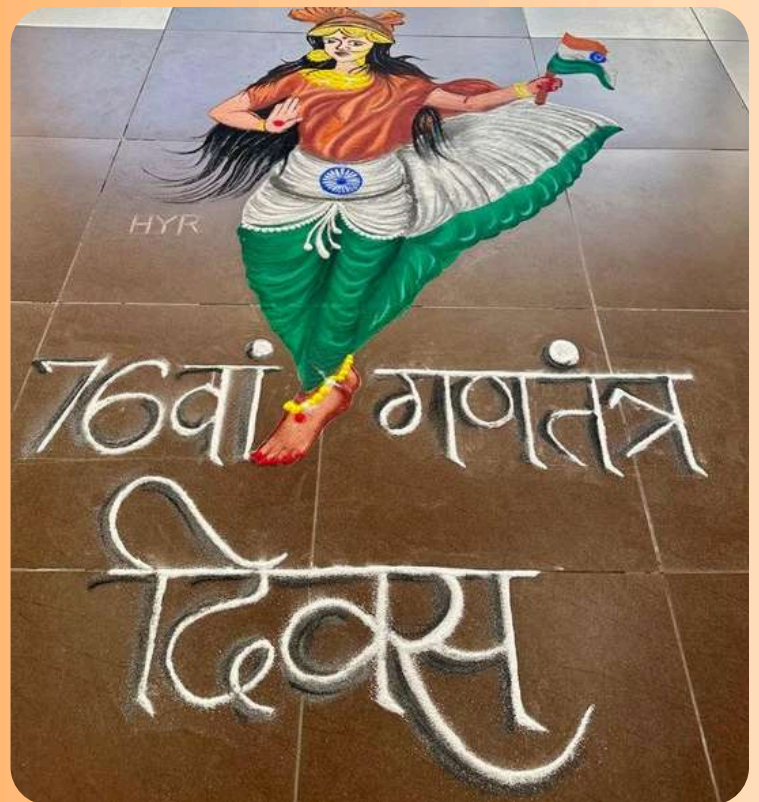
Prof. Narayana Prasad Padhy, Director, MNIT Jaipur, shared a heartfelt moment of a student planting a tree on her mother's birthday. Prof. Rohit Goyal highlighted that participants will nurture their trees during their time at MNIT Jaipur campus.

The plants are geo-tagged with QR codes, allowing easy monitoring through an app developed by MNIT Jaipur students, as noted by Prof. Rohit Bhakar, Registrar. The event saw active participation from faculty and staff, reflecting commitment from MNIT Jaipur for sustainability.

As part of the 76th Republic Day celebrations at MNIT Jaipur, over 400 students and staff participated in the Ek Ped Maa Ke Naam tree plantation drive, planting more than 350 trees with protective guards.



(Prof. N.P. Padhy, Director MNIT Jaipur, along with others, participated in the plantation drive on the occasion of **Ek Ped Maa Ke Naam**, promoting environmental sustainability.)





SPHINX 2024





SPHINX 2024: A Spectacular Techno-Management Fest

MNIT Jaipur hosted SPHINX 2024, its annual techno-management fest, from November 8-10, 2024 attracting over 50,000 attendees. With more than 60 events organized by various clubs and departments, SPHINX '24 set a new benchmark as one of Rajasthan's largest college fests.

Inauguration Ceremony

The event commenced on November 8, 2024 with an inaugural ceremony at Neeti Sabhagar. The Chief Guest, Lt. General Anil Kumar Bhatt (DG, ISPA), graced the stage alongside Prof. N.P. Padhy (Director, MNIT Jaipur), Prof. Kanupriya Sachdev (Dean, Student Welfare), and Dr. P.V. Ramana (Coordinator, Technical Societies). The ceremony concluded with a vote of thanks by Ms. Swetha Kozhipurath, Advisor to the President of SPHINX '24.

Flagship Events

Aeroquest : Participants designed and built remote-controlled planes to perform precision tasks. Held on Day 1, the event saw 11 teams showcase their engineering and design skills.

Robowars : This adrenaline-packed competition featured remote-controlled robots battling in two categories: 15 kg and 8 kg. Nine bots competed in the 15 kg category, while four bots entered the 8 kg category. Robowars made history as the first MNIT Jaipur event conducted post-pronite.

Minute to Pitch It : Teams pitched innovative startup ideas in just one minute while on a campus vehicle tour with investors. 28 teams (three members each) participated, impressing investors with their creativity and vision.

E-Sports : The eSports tournament saw intense competition in Valorant, CS2, and BGMI, with more than 255 participants forming teams. After multiple online rounds, the finals on campus showcased advanced gaming skills and teamwork in a high-energy atmosphere.

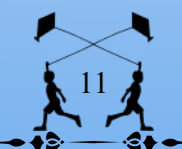
DesignX : A digital art competition, DesignX challenged over 40 participants to create artwork inspired by specific mood boards across three rounds. The event highlighted creativity, quick thinking, and artistic flair.

24-Hour Hackathon: This dynamic event tasked 160 teams with solving a real-world problem within 24 hours. Of these, 40 teams advanced to the on-campus finals, showcasing innovative and impactful solutions under tight deadlines.

Fun Events

Silent Disco: Making its debut in Jaipur, the Silent Disco became the star attraction among the fun events, drawing a massive crowd. Attendees danced to music via wireless headphones, a novel concept that left everyone thrilled and talking about the event long after it ended.

Byte-the-Escape: This unique event conducted by the Computer Science Club offered a journey into a room of technical and non-technical puzzles to be solved in limited time, giving the crowd the feel of a real escape room. The event was a huge success, and attracted 300+ participants.





Full Throttle : The RC car racing event lived up to its name, delivering adrenaline-filled excitement. The competitive spirit and high-energy vibe made it a resounding success, leaving participants and spectators cheering for more.

Rodeo Bull : Rodeo Bull combined fun and challenge, as participants tested their skills on the mechanical bull. The excitement and laughter it sparked made it a crowd favorite and a standout success.

Karaoke : Karaoke struck the right chord with music enthusiasts, drawing lively crowds eager to showcase their singing talents. The vibrant atmosphere and enthusiastic participation created unforgettable performances and made the event a standout success.

Department Events

Various departments and technical clubs of MNIT organized over 54 events at the Open Air Theatre (OAT), Vivekananda Lecture Theatre Complex (VLTC), and Student Activity Centre (SAC). These events were attended by MNIT students, faculty, and participants from other colleges.

AI Xperience: Gesture, Faces, and Fun : Organized by the AIDE Department, this interactive AI exhibition showcased artificial intelligence applications. The event engaged over 35 participants, including students and faculty.

Quiz – Fuel the Future : Hosted by the Center for Energy and Environment, this three-round quiz featured nine teams of 2–4 members, focusing on energy-related topics.

Towering Triumphs : The Civil Engineering Department tested participants' knowledge of structural stability, material strength, and design. A total of 20 teams, with 1–3 members each, competed.

Code Golf : Conducted by the Computer Science Department, this one-hour HackerRank challenge required solving problems with the shortest code. A total of 23 participants competed in this.

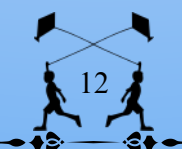
Type Racer : Also organized by the Computer Science Department, this MonkeyType competition tested speed and accuracy of the participants. An impressive 140 participants registered for this.

Aditya-L1 Workshop : The Physics Department hosted this workshop on November 9, 2024 focusing on ISRO's Aditya-L1 Mission. Over 20 participants, including students and faculty, attended the workshop.

Ad-Mania : Organized by the Department of Management Studies (DoMS), this challenge tasked teams with recreating ads using new taglines, brand mantras, and value propositions. A total of 17 teams participated in this.

Corporate Catalyst : This DoMS event challenged participants to solve live industry problems using strategic planning and innovation. Out of 115 registrations, 50 students competed in the challenge.

Panel Discussion : Hosted by the DoMS this discussion addressed gaps between college education and job requirements. It emphasized mentorship, drawing 74 participants.





Trading Troopers : This finance-focused DoMS event simulated real-time markets, enhancing participants' financial acumen and risk management skills. Out of 240 registrations, 70 students participated in the event.

Tremor Tech Event : Organized by NCDMM, this event challenged participants to design and build resilient wooden structures for shake table testing. A total of 14 teams competed in the challenge.

Solar Synergy : The Electrical Engineering Department hosted this solar technology workshop, attracting 45 participants out of 76 registrations.

IllumiCraft : Conducted by the Architecture Department, this event invited participants to design creative and functional lamps. A total of 43 individuals and teams showcased their work.

Launch-a-thon : Hosted by the Mechanical Engineering Department, this hands-on event involved designing and constructing catapults. Out of 185 registrations, numerous students participated.

Club Events

NanoFlight Workshop : The Aeromodelling Club conducted a hands-on workshop on building RC transmitters using the nRF24L01 module and Arduino Nano, drawing over 40 participants from various backgrounds.

Starry Eye : The Astronomy Club hosted a night-sky exploration event that captivated 40+ participants, sparking curiosity and admiration for the cosmos.

24-Hour Web-a-Thon : A flagship hackathon organized by the Computer Science Club in collaboration with ED Cell and MIIC, the Web-a-Thon saw 11 teams advance to the final round to present their MVPs and pitches to an expert panel.



(Attendees of the flagship hackathon organized by the Computer Science Club in collaboration with ED Cell and MIIC.)

CodeMane : As part of SPHINX 2024, the Computer Science Club organized this coding contest, challenging 38 participants with intricate problem-solving tasks.

Case Clash – Business Strategy Challenge : The Consultancy Club invited 14 participants to devise innovative solutions for real-world business challenges, emphasizing strategy and critical thinking.

CodeCrunch – Model Maker Edition : The Data Science Club hosted this machine learning hackathon, where 22 participants developed innovative ML models based on problem statements and datasets.





The Hacker's Map : A workshop by the Infosec Club, this event introduced key concepts in cybersecurity and attracted 30 participants from a total of 76 registrations.

The Maze Mech Master : Organized by the Robotics Club during SPHINX 2024, this event saw two teams compete in an exciting robotics challenge, out of nine registered teams.

Career Compass : The Technical Communication House hosted this workshop to guide students on career planning and decision-making, with 26 participants in attendance.

Rube-A-Thon : This creative engineering event challenged 11 teams (4–5 members each) to design complex Rube Goldberg machines to complete simple tasks innovatively.

Auto-Expo : Held on Day 2 of the fest, the Auto-Expo showcased over 10 superbikes and six ultra-luxury cars, alongside thrilling stunts and burnouts that mesmerized the crowd.

Tech-Talks and Pronite highlights

SPHINX '24 was a perfect blend of technology, entertainment, and inspiration. Day 1 commenced with an insightful tech talk by Ashish Arora, founder of Physics Galaxy and an MNIT alumnus, igniting curiosity among students. The night ended on a high note with dynamic performances by MNIT's Level-X and MC² dance groups, culminating in a spectacular laser show by DJ Swattrex.



Day 2 featured an engaging influencer session with TVF cast members Ahsaas Channa, Pratish Mehta, and Anmol Kajani, followed by an electrifying musical evening with the Notebook Band, keeping the crowd enthralled.





Day 3 brought a captivating influencer talk by Pranav Sharma, blending humor with life lessons. The fest concluded with a breathtaking performance by Jubin Nautiyal, enchanting over 13,000 attendees with his soulful melodies and energetic numbers. The Honorable Director, Prof. N.P. Padhy, along with other dignitaries, presented Jubin with a memento, marking a memorable end to SPHINX '24.





Constitution Day Celebrations

The Constitution of India, the supreme law of the land, establishes the framework for governance, fundamental rights, and duties. Constitution Day, observed annually on November 26, commemorates its adoption by the Constituent Assembly and its enforcement on January 26, 1950. As part of the 2024 celebrations, Malaviya National Institute of Technology (MNIT), Jaipur, organized a series of activities to honor this historic day. The Central Library displayed a copy of the Constitution of India, drawing students, faculty, and staff to explore this foundational document. The exhibit served as an invaluable resource, fostering greater awareness and appreciation for the principles enshrined in the Constitution. It also inspired younger generations to uphold its values of justice, liberty, equality, and fraternity.

Constitution Day Celebration by Think India Club, MNIT Jaipur

The Think India Club at MNIT Jaipur celebrated Constitution Day 2024 with patriotic fervor through a Painting and Poster-Making Event. Students and employees showcased their creativity, drawing inspiration from themes such as the Indian Constitution, the Parliament of India, and the contributions of Dr. B.R. Ambedkar, the architect of the Constitution.

The vibrant artworks reflected participants' reverence for the Constitution and its significance in shaping India's democracy. The event served as a platform to creatively express thoughts on the rights and responsibilities of every citizen, while reinforcing the democratic values that unite the nation.

The celebration concluded with a brief discussion emphasizing the importance of Constitution Day and its principles. Participants were encouraged to incorporate the ideals of justice, liberty, equality, and fraternity in their daily lives. Certificates of Participation were awarded as a token of recognition, and refreshments were provided to maintain enthusiasm throughout the event.

This initiative by the Think India Club was a resounding success, fostering national pride and enhancing awareness about the pivotal role of the Constitution in safeguarding the nation's democratic ethos.





(Students showcasing their creativity in a Poster Making Competition held to commemorate Constitution Day.)

Youth fest Celebrations

Youth Fest 2025: A Celebration of Spirit and Culture

Youth Fest 2025 commenced with enthusiasm, marking the birth anniversary of Swami Vivekananda, a symbol of youth empowerment and cultural pride. Organized by the Cultural Arts and Creative Society, the fest fosters creativity, unity, and inspiration among the youth. The day began with garlanding Swami Vivekananda's statue, followed by a photo exhibition on his life and teachings. A film screened by the Film Making Club portrayed his inspiring journey. Traditional games like Spoon and Lemon Race, Satoliya, and Tug of War energized the athletics ground, creating camaraderie and joy.





Infrastructure Developments

Inauguration of Renovated Hostel H1 (Parijat Hostel)

Hostel H1, the oldest hostel on our campus, was renovated and inaugurated by Honourable Director of MNIT Jaipur and the Chairman BoG on December 25, 2024. Built in the 1960s, this renovation is a testament to MNIT Jaipur's ongoing commitment to preserving the heritage of our campus while adapting to the evolving needs of our community. The renovation ensures that students have access to comfortable living accommodations and a modernized environment.



(Dr. N.P. Padhy inaugurates the newly renovated H1 (Parijat) Hostel, enhancing student living facilities.)

State-of-the-Art Gym Inaugurated at MNIT Jaipur

MNIT Jaipur has started a high-end gym, inaugurated by Prof. Narayana Prasad Padhy, Director and Chairman (I/C), Board of Governors. Established with an investment of ₹1 crore, the gym features cutting-edge technology to enhance fitness experiences. This facility aims to support students' long-term health and well-being.

Special thanks to Prof. Kanupriya Sachdev (Dean, Student Welfare), Prof. Rohit Bhakar (Registrar), and Dr. Virender Bijarnia (Sr. Sports Officer) for their contributions.



(Prof. Narayana Prasad Padhy, Director and Chairman (I/C), Board of Governors, inaugurating the state-of-the-art gym, promoting health and fitness among students)





Sophisticated Analytical Instrumentation Laboratory

The Sophisticated Analytical Instrumentation Laboratory was inaugurated at the Department of Chemical Engineering by Prof. Narayana Prasad Padhy, Director, MNIT Jaipur. This advanced facility, built with ₹2.20 Crores, supports research in energy and environmental science.

Key Instruments in this lab are -

- HPLC: For chemical analysis.
- TPX Analyzer: For catalytic studies.
- TOC Analyzer: For water and soil analysis.
- Chemical Workstation: For battery research.

Open for research, collaborations, and industrial partnerships, the lab is a key resource for material characterization.

Thanks to all faculty, staff, and collaborators who made this vision a reality.



(Prof. Narayana Prasad Padhy, Director, MNIT Jaipur, inaugurated the Sophisticated Analytical Instrumentation Laboratory at the Department of Chemical Engineering.)

Departmental Spotlight

DEPARTMENT OF CHEMICAL ENGINEERING

Invited Talk

Dr. Rohidas Bhoi delivered an invited lecture on Biomass Derived Pyro-oil as Bitumen Modifier in Pavement Construction at an International Symposium on Applied and Analytical Pyrolysis (PYROASIA-2024) held at IIT Guwahati during 28-29 November, 2024.

Events Organised

As a part of the Industry-Institute-Interaction series, a lecture was organized on Grassroot Project Erection and Commissioning by Mr. Bikash Kumar Garodia (Dy. General Manager-Operations, HMEL 1 Bathinda) on November 19, 2024. The lecture was organized by Dr. Rohidas Bhoi.

As a part of the World Standard Day Celebration, a roundtable meeting was organized on Enhancing Academia Participation in Standard Development: A Shared Vision for a Better World on October 17, 2024. The event was organized by Dr. Rohidas Bhoi.

DEPARTMENT OF CHEMISTRY

Expert Talk

On November 18, 2024, the Department of Chemistry hosted an expert discussion by Professor Giridhar U. Kulkarni on stabilizing gold in non-cubic crystal structures.





Invited Talk

Dr Manviri Rani has delivered a lecture on Chromatographic Analysis of Additives in Plastic Debris and their removal by metal hexacyanoferrates in 11th HSCA International Conference on Materials and biological Sciences, November 16-17, 2024, organized by Him Science Congress Association at Government College Bilaspur, District Bilaspur, Himachal Pradesh, India.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Invited Talk

Presented a research paper titled Hybridizing Earthquake dynamics-based Optimization with Multiple Adaptive Differential Evolution: Towards a faster convergence metaheuristic at the Ninth International Conference on Data Mining and Big Data (DMBD'2024) which was held during December 13-16, 2024 in Ho Chi Minh City, Vietnam.

Delivered an invited lecture on Technical Writing in Beamer Software: An advanced tool for creating presentations in Overleaf during the Seven-Days Workshop on Scientific Research and Technical Writing Skills held during November 25 - December 1, 2024 for PG, PhD students and faculty organised by Rajasthan Agricultural Research Institute Durgapura (Sri Karan Narendra Agriculture University, Jobner - Jaipur), Government of Rajasthan.

Book adoption:

Dr. Lavika Goel's book on Artificial Intelligence by Wiley publications was adopted as a textbook for Undergraduate students of Computer Science and Engineering in Dr. Ambedkar Institute of Technology, Bangalore (Fully aided by the State Government of Karnataka), along with the world's top rated and most popular textbook of Artificial Intelligence by Rusell and Norwig.

DEPARTMENT OF ELECTRICAL ENGINEERING

Events Attended

MNIT Jaipur, Department of Electrical Engineering, Research Scholar Mr. Chandra Prakash Barala, Represented India at the 9th BRICS Young Scientist Forum (YSF) in Sochi, Russia. Congratulations to the Research Scholar, who was under the supervision of Prof. Rohit Bhakar and Dr. Parul Mathuria, for representing India at the BRICS Young Scientist Forum, organized by Russia. As part of the Indian delegation, he contributed to the thematic area Environmental and Climate Technologies. This prestigious event brings together leading young scientists under the age of 40 from BRICS nations to promote collaboration, innovation, and knowledge exchange. Mr. Chandra Prakash Barala was one of 12 young scientists from diverse domains across India selected to participate in this global forum.





(Mr. Chandra Prakash Barala, Research Scholar from the Department of Electrical Engineering, MNIT Jaipur, represented India at the 9th BRICS Young Scientist Forum (YSF) in Sochi, Russia)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Invited Talk

Dr. Menka Yadav delivered a lecture as resource person in ATAL FDP organised by SKIT Jaipur on December 17, 2024. Her presentation was on Navigating Recent Trends and Challenges in Semiconductor Devices .

Dr. Menka Yadav delivered a lecture as resource person in FDP organised by NIT Warangal on November 9, 2024. Her title of talk was Research Trends and Applications of Nanoscale Devices and Circuits.

Events Organized

The Department of Electronics and Communication Engineering organized the 5th International Conference on Data Science and Applications (ICDSA 2024) from 17th to 19th July 2024. The conference received over 1500 research manuscripts out of which 230 were accepted after peer review. The proceedings will be published in 6 volumes of SCOPUS Indexed Springer Book Series, Lecture Notes in Networks and Systems. Best papers will be published in a special issue of the SCOPUS journal SN Computer Science, Springer. The conference was supported by the Soft Computing Research Society (SCRS), New Delhi.

Keynote speakers included:

- Prof. Saraju Mohanty, Department of Computer Science and Engineering, University of North Texas, USA
- Prof. Dipti Srinivasan, Department of Electrical & Computer Engineering, National University of Singapore.



(Mr. Deepak Agrawal, Vice President at HrdWyr Ventures and MNIT Jaipur alumnus (ECE, 1999), delivering a lecture on India's growing demand for skilled chip designers and career opportunities in VLSI)





MNIT Jaipur hosted Mr. Deepak Agrwal, Vice President at HrdWyr Ventures and alumnus of the 1999 ECE batch, on 12th Nov 2024. In a two-hour lecture, he highlighted the growing demand for skilled chip designers in India, driven by the country's expanding role in the global semiconductor supply chain. After the lecture, Mr. Agrwal engaged with students in a discussion on the essential skills for excelling in VLSI chip design and testing. His visit left a lasting impact, offering practical guidance and motivation for students to pursue careers in this rapidly evolving field.

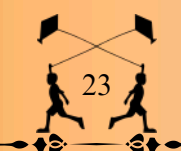


DEPARTMENT OF HUMANITIES AND SOCIAL SCIENCES

Events Organized

- The Department of Humanities and Social Sciences (HSS) launched the Roots of Responsibility initiative on 14 October 2024, under the Ek Ped Maa Ke Naam theme.

- Esteemed dignitaries included Prof. N. P. Padhy, Director, and Prof. Himanshu Choudhary, Dean of the Planning and Development Department, alongside all faculty members from the department.
- Dr. Preeti Bhatt, Head of the Department, welcomed the gathering and honoured the Director and Dean with a formal felicitation.
- Prof. Manju Singh introduced the initiative, highlighting its alignment with the institute's vision of becoming an Engaged Campus. The initiative serves as a mini-lab experimentation of social engineering, involving students in environmental sustainability and social impact. Each planted tree will bear the name of the respective scholar's mother, symbolizing a personal connection and the sentiment of Ek Ped Maa Ke Naam.
- Prof. N. P. Padhy commended the initiative and encouraged its expansion across all departments, while Prof. Himanshu Choudhary pledged full support from the Planning and Development Department for tree maintenance.
- The event concluded with tree planting at Manviki Tarumala, where Prof. N. P. Padhy planted the first tree. Participants signed an undertaking, pledging to nurture their trees throughout their academic journey, reinforcing their commitment to environmental stewardship and academic dedication.





DEPARTMENT OF MANAGEMENT STUDIES

Events Organized

- Expert lecture on Project Management by Mr. Vinod Garg (Avg Consulting Group) on 21 October 2024.
- Expert lecture on Facets of Operations Research by Mr. Abhik Giri (Principal Operations research Scientist, Sandisk, Western Digital, Bengaluru) on 14 November 2024.
- Industry conclave 2024, Jointly organized by DMS and CDEC, MNIT Jaipur.

DEPARTMENT OF MATHEMATICS

Events Organized

- **Expert Lecture Series by Prof. Christian Ruyer-Quil, USMB, France at MNIT Jaipur :**

The Department of Mathematics, MNIT Jaipur, organized a two-day lecture series on October 17-18, 2024, at Neeti Sabhagar, featuring Prof. Christian Ruyer-Quil from Université de Savoie Mont-Blanc, France. Prof. Ruyer-Quil, a renowned researcher from LOCIE, delivered lectures on Mass and Momentum Transport at a Saturated Porous-Fluid Interface and Falling Liquid Films: Application of Low-Dimensional Modelling Techniques, offering valuable insights into advanced fluid dynamics and modelling. Led by Dr. Santosh Chaudhary and supported by the faculty, the event showcased MNIT Jaipur's commitment to academic excellence and interdisciplinary research.

The success of the expert talks was credited to the efforts of Department Head Dr. Santosh Chaudhary and faculty members Dr. Sanjay Bhattar, Dr. Ritu Agarwal, Dr. Varun Jindal, Dr. Om P. Suthar, Dr. Kushal Sharma, Dr. Anubha Jindal, Dr. Priyanka Harjule, and Dr. Geetanjali Chattopadhyay.

Invited Talks:

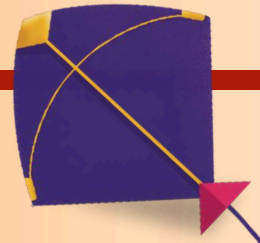
Dr. Ritu Agarwal delivered an invited talk in the International Conference on Special Functions & Applications (ICSFA-2024) - XXIII Annual Meeting of the Society for Special Functions & Their Applications (SSFA) on November 30, 2024 held at Vivekananda Global University, Jaipur.

DEPARTMENT OF MECHANICAL ENGINEERING

Events Organized

The Unified International Conference on Cyber Physical Systems and Industrial AI was held at MNIT Jaipur from November 26–28, 2024. Organized by the Department of Mechanical Engineering, the event, sponsored by TCS Research, Texas A&M University, and the Journal of Dynamics, Monitoring, and Diagnostics, attracted researchers, industry professionals, and academics from India, Norway, USA, Spain, Sweden, and the UK. It featured 110 research papers, 6 keynote speeches, and over 85 participants. Topics like AI, Industry 4.0, digital twins, sustainability, predictive maintenance, blockchain, and smart manufacturing were discussed, promoting interdisciplinary collaboration and global partnerships for innovation in emerging technologies.





- Dr. Ajai Kumar Sahani, Joint Director at IRDE, DRDO Dehradun, delivered a lecture on Defence Product Development Cycle on November 12, 2024, for the Design of Machine Elements 22 MET302 course, coordinated by Dr. Dinesh Kumar Rathore. The lecture was part of the Industry-Institute Interaction initiative.



(Dr. N.P. Padhy, along with researchers and professionals from the USA, Spain, and Norway, at The Unified International Conference on Cyber-Physical Systems and Industrial AI.)



(Dr. Ajai Kumar Sahani (Joint Director, IRDE, DRDO Dehradun) delivered a lecture on Defence Product Development Cycle for the Design of Machine Elements course)

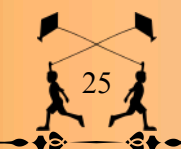
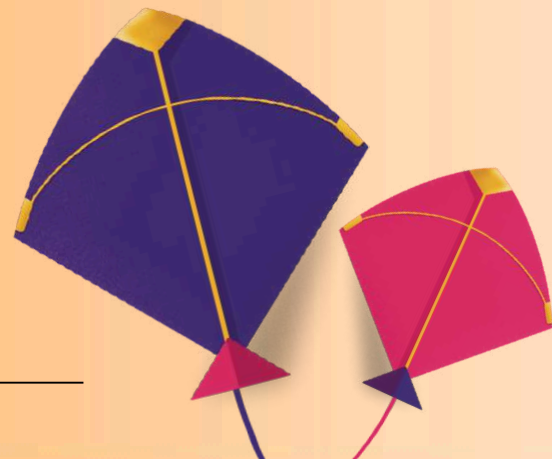
DEPARTMENT OF METALLURGICAL AND MATERIALS ENGINEERING

Events Organized

A one-week short-term course on Metallurgy for Non-Metallurgists, in collaboration with Hindustan Zinc Limited Udaipur, was inaugurated on November 18, 2024, by the Department of Metallurgical and Materials Engineering. Held from November 18-23, 2024, the course provides insights into the general principles of metal extraction from ores and related concepts. It is designed to enhance the skills and knowledge of non-metallurgical industrial professionals, particularly Senior Executives/Engineers (40 participants) from Hindustan Zinc Limited. This course strengthens Industry-Academia interaction.

Inauguration of state-of-the-art X-ray diffractometer (XRD) with High Temperature Facility (up to 1200 °C) Lab

MNIT Jaipur inaugurated a state-of-the-art X-Ray Diffractometer (XRD) with a high temperature facility (up to 1200 °C) on November 25, 2024. The facility, funded by the Department of Science and Technology, will enhance the department's capacity for advanced materials characterization and provide research opportunities for students, faculty, start-ups, and industries. The facility will contribute to the Prime Minister's Viksit Bharat mission.





CENTRE FOR ENERGY AND ENVIRONMENT

Events Organized

As part of PIICON-2024, a panel discussion on The Power Sector's Role in a Net-Zero Future was held on December 12, 2024. Organized by the Centre for Energy and Environment with IEEE PELS WIE support, it featured experts like Dr. Anil Pahwa (Kansas State University), Dr. Dhivya Sampath Kumar (Singapore Institute of Technology), Dr. Yashvi Bansal (IIT Delhi), Dr. Ravi Segal (Independent Consultant), and Mr. Nishant Sharma (NTPC Limited), moderated by Dr. Parul Mathuria (MNIT Jaipur).



The panel explored how the Energy Trilemma—sustainability, affordability, and security influences policies for net-zero goals. They emphasized scenario analysis in shaping effective policies and highlighted innovations like smart grids, AI/ML, and cybersecurity for a resilient power sector. The discussion stressed balancing technology, policy, and collaboration to ensure a sustainable and inclusive energy future.

Industrial Visits:

MNIT Jaipur students and Ph.D. scholars visited Bhadla Solar Park on December 9, 2024, to study gigawatt-scale solar operations, safety protocols, and robotic cleaning technology,

promoting sustainable energy education and practical application.



Events Attended:

Roundtable Discussion on the Status of Building Integrated Photovoltaics in India 2024 : on December 19, 2024, National Institute of Solar Energy (NISE) hosted a roundtable on Building Integrated Photovoltaics (BIPV), uniting experts from academia, industry, policy, and architecture. Dr. Amartya Chowdhury and research scholar Priyanka Rai (CEE, MNIT) contributed to discussions on BIPV for net-zero buildings and sustainable urbanization. The dialogue emphasized localized solutions, domestic manufacturing, and national safety standards. Key recommendations included pilot projects, financial incentives, and integrating BIPV into architectural curricula, marking a step toward mainstreaming renewable energy in India's built environment.





Energy Education Conclave 2024 : Faculty members from the Centre for Energy and Environment (CEE) attended the Energy Education Conclave 2024 organized by the Department of Energy Science & Engineering, IIT Bombay, from November 20-21, 2024. The event brought together participants from various IITs, NITs, state and central universities, and private universities with existing energy departments/centers.



Renewable Energy India Expo 2024 : Students and alumni from the Centre for Energy and Environment attended the Renewable Energy India Expo from October 3-5, 2024, in Greater Noida, India. The event showcased advancements in solar, wind, bio-energy, and energy storage, bringing together industry leaders, policymakers, and technology experts. It provided opportunities for networking, market insights, and collaboration on sustainable energy solutions.

South Asia Clean Energy Forum 2024 : Faculty members and students from the Centre for Energy and Environment participated in the South Asia Clean Energy Forum from October 21-24, 2024, in Jaipur, India.

The forum focused on clean energy transitions in South Asia, engaging government officials, international agencies, and energy experts from Sri Lanka, Nepal, Bhutan, Maldives, India, and the United States to discuss sustainable pathways and collaborative actions.

MATERIALS RESEARCH CENTRE Events Organized

Prof. Ravinder Dahiya from Electrical and Computer Engineering department at Northeastern University College of Engineering, visited MRC and appreciated the facilities and their maintenance at the centre.

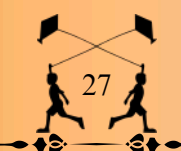
MRC hosted and showed the research facilities to 25 students of Poddar International College, Jaipur on November 26, 2024. The centre also hosted the visit of B. Tech students from the Metallurgical & Materials Engineering department, MNIT Jaipur during November 11-15, 2024.

NATIONAL CENTRE FOR DISASTER MITIGATION AND MANAGEMENT

Events Organized

NCDMM organized the Bureau of Indian Standard (BIS) CED 39 Earthquake Engineering Sectional Committee meeting.

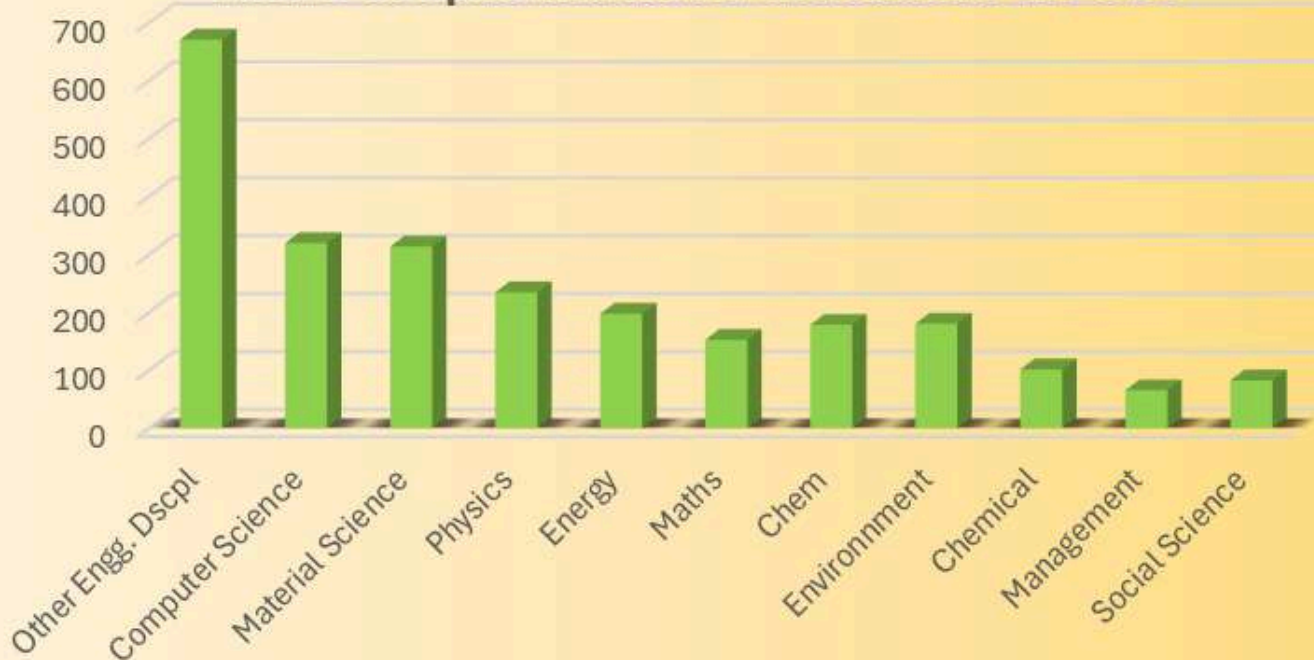
A one-day symposium for BIS was organized to demonstrate the state-of-the-art testing facility at NETF. Experts explain the importance of earthquake testing to enhance the seismic resilience of critical infrastructure by demonstrating two laboratory-scale tests.





RESEARCH PUBLICATIONS

MNITJ Scopus Indexed Publications in 2024



NEWLY SANCTIONED RESEARCH PROJECTS

DEPARTMENT OF CHEMICAL ENGINEERING

Dr. Dipaloy Datta & Dr. Subir Debnath: Study of specific, operational and safety requirements applicable to Professional Sports Academies, BIS Delhi 5.04 Lakh

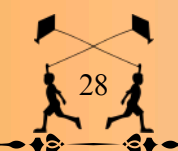
Dr. Rajeev Kumar Dohare & Dr. Rohidas Bhoi: Study on safety practices followed in Chlorosulphonic Acid Industry, BIS Delhi. 4.8 Lakh

Dr. Rohidas Bhoi & Dr. Rajeev Kumar Dohare: Study of inter-conversion data of units used in the estimation of percentages of ethanol in ethanol-water mixtures. BIS Delhi. 4.5 Lakh

Dr. U K Arun & Dr. Rajeev Kumar Dohare: Study on the Various Testing Methods for the Measurement of Sulfur Dioxide Emissions from Stationary Sources. BIS Delhi. 6.12 Lakh.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Prof. Vineet Sahula: The EICT Academy is a training centre of excellence funded by the Ministry of Electronics & IT Government of India. After successful completion of phase-1 in 2023, the Ministry has granted the funds for phase-2.





Achievements & Awards

Apart from the department of ECE, faculty from many other departments like Computer Sc. & engg, Electrical Engg, Centre of Energy, HSS etc. also participate in organizing the programmes. Ministry of Electronics & IT Government of India 1005.58 Lakh.

DEPARTMENT OF MECHANICAL ENGINEERING

Prof. Harlal Singh Mali is leading a project on Design freeze and establishment of clinical efficacy of Corrective Orthoses for Clubfoot as investigator. The experimental project has received a grant of Rs. 38 Lacs from BIRAC/SBIRI.

Dr. Pankaj Kumar Gupta is leading a project on Study of operations, best practices and services parameters to establish framework for requirements of services for packers and movers service provider which has received a grant of Rs. 7.8 Lacs from BIS as an designated investigator alongwith Dr. Tapas Bajpai as co-investigator.

Faculty achievements-

DEPARTMENT OF CHEMICAL ENGINEERING

Dr. Surajit Ghosh received the Best Oral Presentation award at AMCS-24: International Conference on Advances in Materials and Chemical Sciences. The conference was organized by the Department of Chemistry, Birla Institute of Technology, Mesra, Ranchi, India, and took place from December 18-20, 2024. His presentation was titled Facet-dependent Photocatalysis and Degradation of Zinc Oxide Nanocrystals.

Dr. Bikashbindu Das received the International Travel Support grant from the Anusandhan National Research Foundation (ANRF), India, to present his research paper Aerobic Oxidative Desulfurization Using Boron-Doped Petcoke Catalyst at the 11th UK Catalysis Conference 2025, United Kingdom.

DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

Dr. Neeta Nain has got Best Paper of a Session Award, IEEE CINS 2024, November 28 - 29, 2024, BITS Dubai Campus.

Dr. Lavika Goel appointed as the editor of the Nature's Scientific reports journal, Nature Publishing group, the 5th most-cited SCIE indexed journal in the world by Dr Rafal Marszalek, Chief Editor, Scientific Reports, Nature Publisher.





DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

The Department of Electronics and Communication Engineering received one of the 5G Use Case Laboratories, part of a project by the Department of Telecommunication, Govt. of India. Out of 100 such labs established nationwide, this lab is equipped with a 5G Core Server, Radio, and 5G-enabled devices, including drones, mobile phones, evaluation boards, augmented reality (AR) instruments, and a 5G camera.

DEPARTMENT OF HUMANITIES AND SOCIAL SCIENCES

Dr. Dipti Sharma an Associate Professor of the Department of Humanities and Social Sciences, has been awarded a research project which was funded under ICSSR Collaborative Empirical on Solar Energy and Sustainability (2024-25).

DEPARTMENT OF MECHANICAL ENGINEERING

Prof. Dilip Sharma (Mechanical Department) was awarded the title of Fellow of ISEES, celebrating his dedication and impactful work in advancing research and education in sustainability and energy.

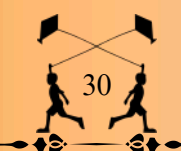
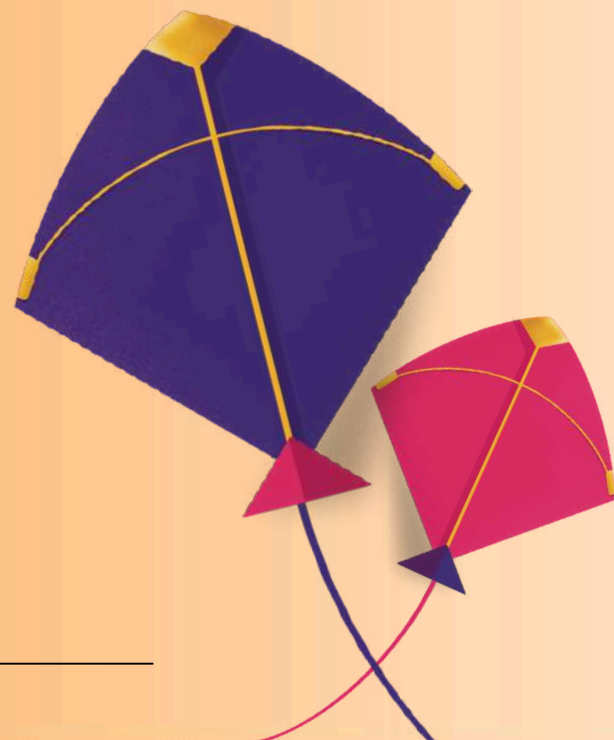
Prof. Dilip Sharma, Dean International and Alumni Affairs & Professor (HAG) from the Department of Mechanical Engineering, MNIT Jaipur was awarded Outstanding Engineering Services to Society on November 24, 2024 from The Institution of Engineers (India), Rajasthan State Centre, Jaipur.

This honor was presented during the All India Seminar-MCDB in recognition of his remarkable contributions to the field of engineering and society.

Dr. Dinesh Kumar Rathore received Best Oral Presentation Award at 6th International Conference on Processing and Characterization of Materials organised at National Institute of Technology Rourkela in December 2024.



(Prof. Dilip Sharma, Dean International & Alumni Affairs, MNIT Jaipur, received the Outstanding Engineering Services to Society award.)





Achievements & Awards



(Prof. Dilip Sharma from the Mechanical Department has been honored with the title of Fellow of ISEES for his outstanding contributions to the field)

Student achievement-

DEPARTMENT OF MATHEMATICS

- Ms. Pooja Airan, research scholar, Department of Mathematics received Aruna Gupta Best Paper Presentation award in the International Conference on Special Functions & Applications (ICSFA-2024) - XXIII Annual Meeting of the Society for Special Functions & Their Applications (SSFA) from November 28-30, 2024 held at Vivekanand Global University, Jaipur, under the supervision of Dr. Ritu Agarwal.

NATIONAL CENTRE FOR DISASTER MITIGATION AND MANAGEMENT

- Research scholar Shiyam Sundar K P was awarded the Best Paper Award at the 14th Structural Engineering Convention (SEC 2024) for his paper titled Seismic Response of Concrete Gravity Dams with Crack Propagation and Element Deletion.

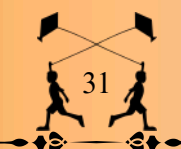
Deanery Initiatives

Dean International & Alumni Affairs

Faculty Achievements in Engineering and Sustainability

Prof. Dilip Sharma, Dean of International and Alumni Affairs & Professor (HAG) at the Department of Mechanical Engineering, MNIT Jaipur, was honored with the Outstanding Engineering Services to Society award by The Institution of Engineers (India), Rajasthan State Centre, Jaipur, on November 24, 2024. This recognition, presented during the All India Seminar-MCDB, highlights his remarkable contributions to engineering and society.

The International Conference on Sustainable Energy and Environmental Challenges (IX SEEC) was held from December 13-15, 2024, at IIT Mandi, organized by the International Society for Energy Environment and Sustainability (ISEES). The event gathered leading experts, researchers, and industry professionals to discuss innovative solutions for sustainable energy and environmental challenges. During the conference, Prof. Narayana Prasad Padhy, Director, MNIT Jaipur, was honored as an Honorary Fellow of ISEES for his outstanding leadership and contributions to the field of sustainability. Prof. Dilip Sharma (Mechanical Department) was conferred the Fellow of ISEES for his significant contributions to research and education in sustainability and energy.





(Prof. Narayana Prasad Padhy receiving ISEES Fellowship awards for their outstanding contributions to sustainability, research, and education)

Memorandum of Understanding (MoU) Signed

MNIT Jaipur signed an MoU with the National Institute of Ayurveda, Jaipur on November 9, 2024, to foster collaboration in research, academic exchange, and joint events. The agreement includes student, faculty, and staff exchanges, joint research projects, co-supervision of UG, PG, and Ph.D. students, and the organization of conferences, workshops, and seminars.



(MNIT Jaipur Signs MoU with National Institute of Ayurveda)

Visit of International Delegates

A delegation from the Russian Academy of Sciences (RAS), Moscow, Russia, visited MNIT Jaipur on November 22, 2024, to explore opportunities for academic and research collaboration. The visit aimed to strengthen ties and foster joint initiatives in scientific research and innovation.



(Members of the Russian Academy of Sciences (RAS), Moscow, visited MNIT Jaipur on November 22, 2024, to explore academic and research collaborations)





Alumni Engagements

MNIT Jaipur and MNITJAA Organize Crystal Jubilee Alumni Meet 2025

MNIT Jaipur, in collaboration with MNITJAA, organized the Crystal Jubilee Alumni Meet 2025 at Abdul Kalam Hall (VLTC). The event was graced by Guest of Honor, Shri Hukum Singh Meena (1986 alumnus & 1992 IAS) and distinguished dignitaries, including Prof. A.P.S. Rathore, Prof. Rakesh Jain, Prof. Dilip Sharma, Dr. Ashish Dutt Sharma, Mahendra Meena, and Shri Surendra Bagdi.

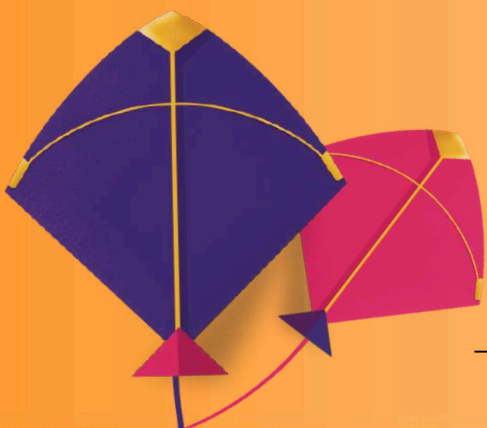
The meet highlighted alumni contributions, student mentorship, and institutional growth, emphasizing the power of alumni networks. A special felicitation ceremony honored the Crystal Jubilee Batch (2009–2010) for their achievements. The event strengthened alumni bonds and celebrated the enduring legacy of MNIT Jaipur.



(A gathering of distinguished alumni celebrating the Crystal Jubilee Meet 2025, reminiscing memories and strengthening connections.)

MNIT Jaipur Alumni Day 2024: Celebrating Milestones and Giving Back

MNIT Jaipur celebrated Alumni Day 2024 on December 25, 2024 honoring the Golden Jubilee (Entry Batch 1974) and Silver Jubilee (Pass Out Batch 1999). The 1974 batch announced a scholarship fund to support students in need, while the 1973 batch, in collaboration with MNITJAA, generously donated two electric golf carts to the institute, led by Shri Jagdish Mishra and Dr. Ashish Dutt Sharma. The event featured inspiring addresses by Prof. Narayana Prasad Padhy, Director, MNIT Jaipur, Prof. Dilip Sharma, Dean (International & Alumni Affairs), and other distinguished members of the Deanery and Alumni Association. The celebration reaffirmed the strong bond between MNIT and its alumni, highlighting their commitment to giving back.





(Members of the Russian Academy of Sciences (RAS), Moscow, visited MNIT Jaipur on November 22, 2024, to explore academic and research collaborations)

The event was a vibrant gathering, fostering nostalgia, camaraderie, and professional networking, allowing alumni to rekindle friendships while providing recent graduates with valuable industry connections.



(A gathering of esteemed alumni at the MNIT Alumni Meet organized in the USA, fostering connections and collaborations.)



(Alumni gathered to celebrate Alumni Day 2024, with the 1973 batch and MNITJAA gifting two electric golf carts to the institute, strengthening alumni-institute bonds.)

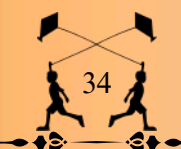
Alumni visits:



On October 14, 2024, Dr. Nitin Khosla, a distinguished alumnus, visited MNIT Jaipur to discuss potential collaborations. He engaged with Prof. Dilip Sharma, Dean (International & Alumni Affairs), and Prof. Rakesh Jain, Coordinator (Training & Placement), to explore avenues for industry-institute partnerships.

MNIT Jaipur Alumni Meet in the USA

MNIT Jaipur Alumni in America organized a reunion on October 5, 2024, in Fremont, CA, bringing together graduates from across the country. Dr. Narayana Prasad Padhy, Director, MNIT Jaipur, expressed his delight, stating that it was heartwarming to see our alumni reconnecting and celebrating their bond despite being miles apart.





The discussions focused on fostering a collaboration between Murdoch University and MNIT Jaipur, aiming to enhance academic and research opportunities for students and faculty alike

Library Events and Workshops

One-Day Workshop on Transforming and Empowering Libraries Organized at MNIT Jaipur

The Developing Library Network (DELNET), in collaboration with the Central Library of Malaviya National Institute of Technology (MNIT), Jaipur, organized an in-person one-day workshop titled ‘Transforming and Empowering Libraries, LIS Professionals, and Users: Emerging Trends’ on Saturday, October 19, 2024. The event witnessed the participation of approximately 45 library professionals from across Rajasthan.

Dr. Sangeeta Kaul, Director of DELNET, delivered the welcome address, while Dr. Rishi Kumar Tiwari, Librarian at MNIT Jaipur, introduced the theme and objectives of the event. In his inaugural address, Prof. N. P. Padhy, Chairperson (I/C) of the Board of Governors and Director, MNIT Jaipur, highlighted the critical role of libraries and digital resources in the academic journeys of students and research scholars in the digital era. Prof. D. Boolchandani, Dean of Academics, delivered a special guest address, and Prof. Tarush Chandra, Library Coordinator, proposed the vote of thanks.

The workshop covered a wide range of topics, including:

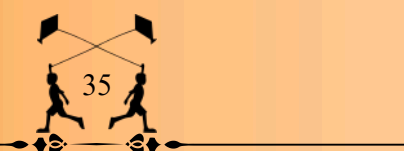
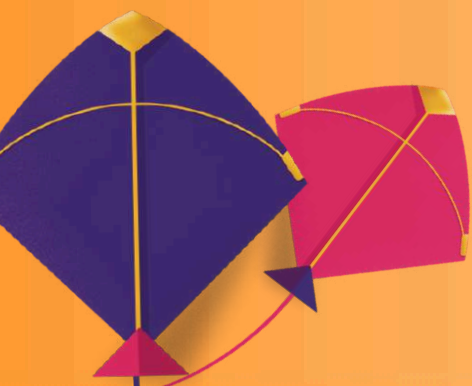
- DELNET Resources and Services
- DELNET Delplus Software for Library Automation
- Academic Integrity and Plagiarism Prevention using DrillBit
- Soft Skills for Library Professionals
- Community Engagement in Libraries
- Enhancing User Satisfaction

The program aimed to equip library professionals with the latest tools and technologies in Library and Information Science, enabling them to implement innovative practices in their respective libraries.

Student Visits to MNIT Jaipur: Exploring Science & Knowledge

Visit by Jawahar Navodaya Vidyalaya, Bharatpur Students to MNIT Jaipur’s Central Library

A group of 48 students and three staff members from Jawahar Navodaya Vidyalaya, Bharatpur, visited the Central Library of MNIT Jaipur for an immersive learning experience. The guided tour introduced them to the library’s state-of-the-art facilities, including its RFID system, digital resources, and smart circulation processes. The students’ enthusiasm was evident as they actively engaged with the borrowing system and digital archives, posing insightful questions that enriched the experience. The visit provided them with valuable exposure to a modern academic library, reinforcing the role of libraries as hubs of knowledge and lifelong learning.





Exciting Scientific Visit by PM Shri Kendriya Vidyalaya Alwar Students

A total of 200 students and teachers from PM Shri Kendriya Vidyalaya Alwar visited the ECE and Mechanical Department laboratories on December 20, 2024. It was an exciting and enriching scientific experience for them. During the visit, they explored various labs, including the Drone Lab and Anechoic Chamber in the ECE department. In the Mechanical department, they were introduced to the Mechanical Workshop and 3D Printing technology. This hands-on exposure provided the students with valuable insights into advanced engineering concepts and practical applications.



(PM Shri Kendriya Vidyalaya Alwar visited the ECE and Mechanical Department laboratories on 20th December, 2024)



यक्ष्म समाचार पत्रिका

जयपुर, रविवार, 13 अक्टूबर, 2024 2

मालवीय इंटरनल कल्चरल कार्निवल 2024 - संस्कृति और प्रतिभा का पर्व

यक्ष्म समाचार पत्रिका

जयपुर। नवरात्री के पवन अवसर पर मालवीय राष्ट्रीय प्रौद्योगिकी संस्थान जयपुर में मालवीय इंटरनल कल्चरल कार्निवल- 2024 का भव्य आयोजन किया गया। संस्थान की डिप्टी चैरमन और कल्चरल सोसयटी द्वारा आयोजित इस समारोह में शिक्षक गण, स्टाफ, उनके परिवार के सदस्य और विद्यार्थी बड़ी संख्या में नका आए और उन्होंने उत्साहपूर्वक भाग लिया।



मनोरंजक प्रस्तुति का भी आयोजन किया गया जिसमें पुरानी लोक गीतों से लेकर बॉलीवुड गानों पर नृत्य कर प्रस्तुत कर्ताओं ने सबका दिल जीत लिया। अंत में सभी ने फूल खोलकर परचा किया और इस वातावरण

शिक्षकों संग तस्वीरें भी ली। कार्यक्रम के दौरान, चार विशेष पुरस्कारों की घोषणा की गई: सर्वश्रेष्ठ पोशाक प्रेष: आदित्य जागड़ सर्वश्रेष्ठ पोशाक महिला: भविष्य, सर्वश्रेष्ठ नर्तक गायन, सर्वश्रेष्ठ नर्तक महिला: लीना। डीन

स्टूडेंट वेलफेयर प्रो. कनुरिस सचदेव और एमोएनआईटी डीन (कल्चरल) डॉ. मोनाधी विपाटी ने अन्य प्रसिद्धि शिक्षकों के साथ इस अवसर की शोभा बढ़ाई। यह आयोजन एमएनआईटी जयपुर के निदेशक प्रो. एन. पी. पाटी के नेतृत्व में आयोजित किया गया था।

दैनिक मृदुल पत्रिका 5
रविवार, 25 जनवरी, 2025

एमएनआईटी जयपुर में विश्लेषणात्मक उपकरण प्रयोगशाला का उद्घाटन



जयपुर (मृदुल पत्रिका)। प्रोफेसर एन.पी. पाटी, निदेशक और अध्यक्ष (प्रभारी), बोर्ड ऑफ गवर्नर्स, एमएनआईटी जयपुर ने, मालवीय राष्ट्रीय प्रौद्योगिकी संस्थान (एमएनआईटी) के केमिकल इंजीनियरिंग विभाग में एक अत्याधुनिक विश्लेषणात्मक उपकरण प्रयोगशाला (एआईएल) का उद्घाटन किया। समारोह में डीन, रजिस्ट्रार, डॉ. सुशांत उपाध्याय (विभागाध्यक्ष, केमिकल इंजीनियरिंग विभाग) और सी

वर्कस्टेशन आदि। ये उपकरण अकादमिक अनुसंधान और औद्योगिक अनुप्रयोगों की बढ़ती मांगों को पूरा करने के लिए डिज़ाइन किए गए हैं। यह सुविधा उन्नत अनुसंधान और नवाचार को बढ़ावा देने की एमएनआईटी जयपुर की प्रतिबद्धता में एक महत्वपूर्ण मील का पत्थर है। कार्यक्रम में बोले हुए प्रो. एन.पी. पाटी ने सुविधा के महत्व पर प्रकाश डालते हुए कहा, 'एआईएल प्रयोगशाला अनुसंधान और नवाचार के लिए एक महत्वपूर्ण उपकरण है।'

दैनिक भास्कर जयपुर सिटी भास्कर 28-11-2024

इंटरशिप, एमएनआईटी का इंटरव्यूशन सेंटर 23 दिसंबर से शुरू करेगा ट्रेनिंग स्टूडेंट्स सीखेंगे कम्प्यूटेशन, कोलेबोरेशन और लीडरशिप के साथ इमोशनल इंटेलीजेंस

सिटी रिपोर्टर। इंजीनियरिंग और पॉलिटेक्निक के बाद स्टूडेंट्स स्टूडेंट्स को बेहतर करियर बनाने अपने ऑडिशनल को प्रस्तुत करते समय किसी तरह की भ्रमिक न आए। उन्हें कोमिटिक्स में लीडरशिप, कम्प्यूटेशन, कोलेबोरेशन व भीमकान इंटेलीजेंस की समझ विकसित हो। नयी उद्योग से एमएनआईटी इंजीनियरिंग इंटरव्यूशन सेंटर जयपुर इंटीनॉयनल डोमेन-2024 (हिंदी) शुरू करने का रहा है। इंटरव्यूशन की अवधि 20 दिवस है। इंटीनॉयन 23 दिसंबर से शुरू होगी। 30 से 45 दिन के इंटीनॉयन प्रोग्राम के बाद स्टूडेंट्स को ट्रेनिंग और प्रैक्टिस मिलेगी।



ट्रेनिंग के दौरान स्टूडेंट्स व मॉडर

इंटरशिप के विषय

- कम्प्यूटेशनल विज्ञान
- ऑनलाइन ट्रेनिंग सेल एंड टूल्स/सॉफ्टवेयर
- रीसेच क्विज़
- ऑनलाइन ट्रेनिंग डेवलपमेंट
- ऑनलाइन ट्रेनिंग डेवलपमेंट
- ऑनलाइन ट्रेनिंग डेवलपमेंट
- ऑनलाइन ट्रेनिंग डेवलपमेंट
- ऑनलाइन ट्रेनिंग डेवलपमेंट

दैनिक नवज्योति जयपुर, शनिवार, 19 अक्टूबर 2024

एमएनआईटी: हिन्दी भाषा में ऑडियो विडियो लेक्चर तैयार करें प्रोफेसर: प्रो. पाटी

ब्यूरो/नवज्योति, जयपुर। मालवीय राष्ट्रीय प्रौद्योगिकी संस्थान, जयपुर के राजभाषा प्रकोष्ठ द्वारा हिन्दी पखवाड़ा-2024 के अंतर्गत संस्थान स्तर पर विद्यार्थी तथा गैर विद्यार्थी संवर्ग में विभिन्न हिन्दी

विभिन्न विषयों के हिन्दी में ऑडियो वीडियो व्याख्यान तैयार करें। जिससे कि क्षेत्रों से आने वाले छात्र सुगम रूप प्राप्त कर सकें। उन्होंने राजभाषा गैर हिन्दी भाषी छात्रों को हिन्दी



जागरूकता और प्रेरणा प्रदान करेगी। प्रो. पाटी ने कहा कि वे प्रतियोगिताओं का आयोजन हुआ, जिसमें पूरे 2 सप्ताह बड़े उत्साह से सभी ने प्रतिभाग किया। शुरुआत का अवसर था हिन्दी पखवाड़े के अंतर्गत आयोजित प्रतियोगिताओं के विजेताओं को पुरस्कार एवं प्रमाण पत्र वितरण करने का। कार्यक्रम में अतिथि के

कार्य ज्यादा से ज्यादा हिन्दी में होने के लिए प्रो. पाटी ने कहा कि वे प्रतियोगिताओं का आयोजन हुआ, जिसमें पूरे 2 सप्ताह बड़े उत्साह से सभी ने प्रतिभाग किया। शुरुआत का अवसर था हिन्दी पखवाड़े के अंतर्गत आयोजित प्रतियोगिताओं के विजेताओं को पुरस्कार एवं प्रमाण पत्र वितरण करने का। कार्यक्रम में अतिथि के

दिव्य राष्ट्र जयपुर, शनिवार 25 जनवरी 2025 4

एमएनआईटी जयपुर में एआईएल का उद्घाटन



दिव्य राष्ट्र

जयपुर। प्रोफेसर एन.पी. पाटी, निदेशक और अध्यक्ष (प्रभारी), बोर्ड ऑफ गवर्नर्स, एमएनआईटी जयपुर ने, मालवीय राष्ट्रीय प्रौद्योगिकी संस्थान (एमएनआईटी) के केमिकल इंजीनियरिंग विभाग में एक अत्याधुनिक विश्लेषणात्मक उपकरण प्रयोगशाला (एआईएल) का उद्घाटन किया। समारोह में डीन, रजिस्ट्रार, डॉ. सुशांत उपाध्याय (विभागाध्यक्ष, केमिकल इंजीनियरिंग विभाग), सुब्बारामैया (संयोजक, एआईएल) आर्मात्रित गणमान्य व्यक्ति और अन्य सदस्य उपस्थित थे। 2.20 करोड़ के निवेश के साथ प्रयोगशाला अत्याधुनिक विश्लेषणात्मक उपकरणों से सुसज्जित है, जैसे एचटीपीएक्स एनालाइजर, टीओसी एनालाइजर, इलेक्ट्रोकेमिकल वर्कस्टेशन आदि। ये अकादमिक अनुसंधान और औद्योगिक अनुसंधान के लिए बड़े पैमाने पर उपयोग के लिए डिज़ाइन किए गए हैं। यह सुविधा उन्नत अनुसंधान और नवाचार को बढ़ावा देने की एमएनआईटी जयपुर की प्रतिबद्धता में एक महत्वपूर्ण मील का पत्थर है। कार्यक्रम में बोले हुए प्रो. एन.पी. पाटी ने कहा, 'एआईएल प्रयोगशाला अनुसंधान और नवाचार के लिए एक महत्वपूर्ण उपकरण है।'

सत्यनिष्ठा की संस्कृति से राष्ट्र की समृद्धि पर परिसंवाद

विकसित भारत की यात्रा में हर व्यक्ति की संवेदनशीलता, पारदर्शिता और जवाबदेही, विजिलेंस अवेयरनेस वीक का समापन

ब्यूरो/नवज्योति, जयपुर। भारत रत्न लॉह पुरुष स्वतंत्र भारत के प्रथम गृह मंत्री सरदार वल्लभ भाई पटेल की जयंती के

संवेदनशीलता, पारदर्शिता और जवाबदेही आवश्यक है। प्रोफेसर एनपी पाटी ने कहा कि समाज को सही दिशा देने में शैक्षणिक संस्थानों की



उपलक्ष्य में पांच दिवसीय विजिलेंस अवेयरनेस वीक का शुरुआत को मालवीय राष्ट्रीय प्रौद्योगिकी संस्थान में मनाया गया। इस दौरान विभिन्न कार्यक्रम हुआ और समापन पैनल डिस्कशन द्वारा किया गया, जिसमें मेजर जनरल अनुज माथुर, समरेंद्र सिंह शिकरवार एडिशनल डिस्ट्रिक्ट जज, अजय पाल लाम्बा ईस्पेक्टर जनरल ऑफ पुलिस, प्रोफेसर एनपी पाटी निदेशक एमएनआईटी और मंजु मीणा पेनलिस्ट थे। इसमें चर्चा हुई कि सरकारी व गैर सरकारी संस्थानों में तकनीकी की मदद से पारदर्शिता लाई जा सकती है, विकसित भारत की यात्रा में हर व्यक्ति की

मंजु मीणा ने मीडिया किस प्रकार गलत और सही को समझाने में मदद कर रहा है, अनुज माथुर ने अपने अनुभवों को साझा किया। प्रो. पाटी ने कहा कि न्याय पालिका समाज के लिए प्रतिबद्ध है, भारतीय न्याय प्रणाली में गलत के लिए दंड की पूरी व्यवस्था है।

मंजु मीणा ने मीडिया किस प्रकार गलत और सही को समझाने में मदद कर रहा है, अनुज माथुर ने अपने अनुभवों को साझा किया। प्रो. पाटी ने कहा कि न्याय पालिका समाज के लिए प्रतिबद्ध है, भारतीय न्याय प्रणाली में गलत के लिए दंड की पूरी व्यवस्था है।



A Tribute to Prof. Himanshu Choudhary



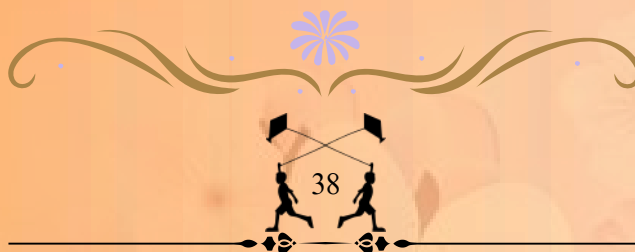
With profound grief and a heavy heart, we pay tribute to Prof. Himanshu Choudhary, sitting Dean of Planning and Development and Professor in the Department of Mechanical Engineering, MNIT Jaipur, whose sudden and untimely demise on January 5, 2025, has left an immense void in our community.

Prof. Choudhary was a distinguished academician, a dedicated mentor, and a visionary leader. His contributions to mechanical engineering education and research have had a lasting impact, guiding countless students and colleagues toward excellence. As Dean of Planning and Development, he played a pivotal role in the institute's growth, infrastructure, and strategic vision, leaving behind a legacy of progress and innovation.

Beyond his professional achievements, Prof. Choudhary was admired for his wisdom, kindness, and unwavering commitment to the institution and its people. His presence was a source of inspiration, and his absence is deeply felt by all who had the privilege of knowing him.

MNIT Jaipur extends its heartfelt condolences to his family, friends, and the entire academic community. While he is no longer with us, his contributions and the impact he made will continue to resonate for years to come.

Your legacy will always be cherished!



TEAM



Coordinator Institute Newsletter

Dr. Parul Mathuria
(Assistant Professor, Centre
for Energy and Environment)

Editorial

Dr. Menka
(Assistant Professor, Dept. of Electronics
and Communication Engineering)

Dr. Geetanjali Chattopadhyay
(Assistant Professor,
Dept. of Mathematics)
Aastha Rathore
(B. Tech, IV Sem, EE)
Aksharta Jadhav
(B.Arch, IV Sem)
Amit Kumar Singh
(Masters, II Sem, CSE)
Himank Dhamaniya
(B.Tech, VI Sem, Meta)
Manisha Singh Bangari
(Master, II Sem, PBM)
Pranav Prashant Malwadkar
(B.Tech, IV Sem, ME)

Technical Support

Dr. Sadbhawna
(Assistant Professor, Dept. of
Computer Science Engineering)

Subhrajit Roy
(B.Tech, VI Sem, CSE)
Shalvin Didwaniya
(B.Tech, IV Sem, AIDE)
Rameshwar
(B.Tech, II Sem, AIDE)
Aryan Goyal
(B.Tech, II Sem, ECE)

Design

Dr. Surajit Ghosh
(Assistant Professor,
Dept. of Chemical Engineering)
Ar. Himanshu Yogi
(Assistant professor ,
Dept. of Architecture & Planning)
Anamika Laxmi
(B.Tech, V Sem, CSE)
S. Sai Mrudhula
(B.Tech, III Sem, AIDE)

Content management

Dr. Anubha Jindal
(Assistant Professor,
Dept. of Mathematics)
Dr. Bikashbindu Das
(Assistant Professor,
Dept. of Chemical Engg.)
Yashashwini Upadhyay
(B.Tech, VI Sem, CH)

Priya Kundkar (B.tech, VI Sem, CH)
Puneet (B.tech, IV Sem, CH)

Ananyaa Srivastava
(B.tech, IV Sem, EE)
Vineet Singh Parihar
(B.tech, IV Sem, EE)
Manya Bajaj
(B.tech, IV Sem, ECE)
Paribhasha Rastogi
(B.tech, IV Sem, EE)
Chinmay Mittal
(B.tech, IV Sem, ECE)
Nikhil Kumawat
(B.tech, IV Sem, CSE)
Samridhi
(MBA, II Sem, PBM)
Ritika Neemrot
(Masters, I Sem, PCV)
Rishu Ranjan
(B.tech, II Sem, ME)
Karamveer Swami
(MBA, IV Sem, PBM)
Devansh Parikh
(Masters, II Sem, PPH)

Outreach

Dr. Neetu Kumari
(Assistant Professor,
Dept. of Chemical Engineering)
Rudra Pratap Singh
(B.Tech IV Sem. ME)



मालवीय राष्ट्रीय प्रौद्योगिकी संस्थान जयपुर

कुलगीत

गालव ऋषि की तपोभूमि पर,
प्रौद्योगिकी ज्ञान का संगम ।
विश्वपटल पर आलोकित है,
भारतीय मेधा का परचम ॥
नवरचना के लिए समर्पित,
नूतन अभ्युत्थान ।
जय-जय मालवीय संस्थान ॥1॥

ढूँढ़ाड़ी माटी का उत्सव,
बिखरा यहां गुलाबी वैभव
। भव्य भवन, पथ, जंतर-मंतर,
स्थापत्य, कलाएँ अभिनव ॥
अरावली की उपत्यका में,
ज्ञानोदय अभियान ।
जय-जय मालवीय संस्थान ॥2॥

तकनीकी विद्या का साधक,
मानव मूल्यों का आराधक ।
यन्त्र, तन्त्र, अणु-कौशल शिक्षा,
वैज्ञानिक दृष्टि का वाहक ॥
अखिल विश्व हित शोध सर्जना,
भारत का प्रतिमान ।
जय-जय मालवीय संस्थान ॥३॥

जल, थल, अंतरिक्ष अवगाहन,
श्रम से शृंगारित हो जीवन ।
अमृतकाल के अग्रदूत हम,
करते नवयुग का आवाहन ॥
"योगः कर्मसु कौशलम्" का,
गूँज रहा जयगान ।
जय-जय मालवीय संस्थान ॥4॥

रचनाकार :

डॉ. इंदुशेखर तत्पुरुष

पूर्व अध्यक्ष, राजस्थान साहित्य अकादमी, (राज्यमंत्री दर्जा - राजस्थान सरकार)
कवि, आलोचक, निबंधकार एवं संपादक ।

Your Feedback Matters!

Scan here to let us know how we're doing or to get in touch with our team.



The information has been received from respective Departments/Centres/Websites If you want to get featured or contribute to the Newsletter, write to us on: coordinator.newsletter@mnit.ac.in