



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

# MNIT NEWSLETTER



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## DIRECTOR'S MESSAGE

Dear Readers,

It is with deep pride and heartfelt joy that I present to you this latest edition of our newsletter—a reflection of who we are, what we value, and the direction in which we're headed.

Every institution has its milestones, but it is the stories behind those milestones that truly matter—the energy of our students brainstorming late into the night, the dedication of our faculty pushing the frontiers of knowledge, and the quiet moments of learning that shape future leaders. This newsletter captures those stories.

Over the past few months, MNIT Jaipur has been a hub of meaningful, diverse, and inspiring activity. We've forged global partnerships, such as our MoU with the University of Saskatchewan, and strengthened industry connections through collaboration with Radox Engineering.

We've hosted a wide range of academic events—from high-end workshops on flexible sensors to hands-on training in advanced technologies. These efforts are not just about keeping pace with the world—they're about leading it with purpose.

Blitzschlag 2025 was a powerful reminder of our community spirit. Four days of art, music, theatre, debate, and innovation—where every voice mattered, and every talent found a stage. It wasn't just a fest; it was a celebration of self-expression, inclusion, and the limitless creativity of our students.

Beyond the limelight, our departments continued to shine—with GATE toppers, expert talks, research breakthroughs, and a shared commitment to sustainability and innovation. We also extended our reach through community-based initiatives under Unnat Bharat Abhiyan and National Science Day celebrations, reflecting our role not just as educators, but as contributors to society.

What makes MNIT Jaipur truly exceptional is not just what we do, but how we do it—with empathy, collaboration, and a relentless drive for excellence. This newsletter is a tribute to that spirit. As you read through its pages, I hope you see not just updates, but a living, breathing institution—curious, evolving, and deeply human. Let's continue to grow together, celebrate our triumphs, learn from our challenges, and remain rooted in our values.

With warm wishes and renewed inspiration,



**Prof. Narayana Prasad Padhy**  
**Director, MNIT Jaipur**







## Prominent Events

### Strategic International Collaboration: MoU with University of Saskatchewan

Malaviya National Institute of Technology (MNIT) Jaipur signed a Memorandum of Understanding (MoU) with the College of Engineering, University of Saskatchewan, Saskatoon, Canada. The MoU was formally signed by **Prof. Narayana Prasad Padhy**, Chairman (I/c), Board of Governors & Director, MNIT Jaipur, and **Dr. Michael Bradley**, Dean, College of Engineering, University of Saskatchewan.



This strategic partnership aims to foster collaboration in key areas such as advanced research, academic exchange, innovation-driven education, and joint initiatives between the two institutions. The Memorandum of Understanding reflects a shared commitment to strengthening global engagement and expanding opportunities for both students and faculty.





## Prominent Events

### Honoring Excellence: Felicitation of Prof. Ashutosh Sharma

MNIT Jaipur, in collaboration with Vigyan Bharati Rajasthan, organized a special felicitation ceremony to honor **Prof. Ashutosh Sharma**, President of the **Indian National Science Academy (INSA)** and former Secretary, **Department of Science and Technology (DST)**, Government of India, on his nomination for the prestigious **Padma Shri**, India's fourth-highest civilian award.



The felicitation was jointly conducted by **Prof. Narayana Prasad Padhy**, Chairman BoG and Director, MNIT Jaipur, and **Dr. Meghendra Sharma**, Secretary, Vigyan Bharati Rajasthan. In his welcome address, Prof. Padhy highlighted the transformative advancement made by **Department of Science and Technology (DST)** under Prof. Sharma's visionary leadership. Delivering the keynote address, Prof. Sharma emphasized the growing convergence of science, technology, and societal impact, noting India's remarkable rise from just 100 startups in 2014 to over **140,000 startups by 2025**.



The event witnessed the participation of eminent dignitaries, including Vice Chancellors, Directors, and officials from **REPC**, **CSIR-CEERI**, **Vigyan Bharati Rajasthan**, and various academic institutions. The proceedings were gracefully hosted by **Dr. Rajeev Agrawal** from MNIT Jaipur.

### MoU with Radox Engineering Pvt. Ltd. (REPL): Strengthening Industry-Academia Linkages

MNIT Jaipur signed a **Memorandum of Understanding (MoU)** with **Radox Engineering Pvt. Ltd. (REPL)** on **27 February 2025**, marking the beginning of a collaborative effort to strengthen industry-academia integration. The MoU paves the way for joint initiatives, including **student and faculty exchanges**, **collaborative research projects**, **Ph.D. co-supervision**, and the **organization of conferences and workshops**.





## Prominent Events

The signing ceremony was attended by key officials from MNIT Jaipur, including **Prof. Dilip Sharma** (Dean, International & Alumni Affairs), **Dr. Prerna Jain** (Associate Dean, National & International Affairs), **Dr. Sushant Upadhyaya** (Head, Department of Chemical Engineering), and **Dr. Subbaramaiah**. Representatives from **Radox Engineering Pvt. Ltd. (REPL)** included **Mr. Saurabh Shukla** (Director), **Ms. Lavina Jiyani** (HR Manager), and **Mr. Gaurav Giri Goswami** (Procurement Manager).



The delegation also engaged in meaningful interactions with faculty members, students, and research scholars from the **Department of Chemical Engineering**, reinforcing a mutual commitment to innovation, knowledge exchange, and shared growth.



### MNIT Jaipur Signs MoU with NFC to Boost Research and Academic Collaboration

MNIT Jaipur has signed a **Memorandum of Understanding (MoU)** with the **National Fuel Complex (NFC)**, Department of **Atomic Energy**, Govt. of India on March 28, 2025, to foster collaboration in research, academic exchange, and joint events. The MoU will facilitate advancement of knowledge, mutual benefits such as internships to UG/PG students of MNIT, PG/PhD programs to employees of NFC, joint research projects etc. and regular interactions and collaboration.



COVERED BY  
**THE TIMES OF INDIA**

### MNIT, Nuclear Fuel Complex ink agreement

Apr 3, 2025, 11:48 PM IST



Jaipur: Malaviya National Institute of Technology (MNIT) Jaipur has signed a memorandum of understanding (MoU) with the Nuclear Fuel Complex, said officials Thursday.

This MoU will help in fetching more research projects for the department of metallurgical and materials engineering and encourage research in the area of space and energy materials. Director MNIT, Prof N P Padhy, said, "This MoU will give our research students real life situations for which solutions can be derived. The role of advanced materials in all the sectors of our is increasing day by day with significant applications in the SpaceX Dragon capsule too, which led to the successful landing of astronauts on Earth." tnn





## Prominent Events

### Two-day workshop in collaboration with INAE

MNIT Jaipur, in collaboration with the **Indian National Academy of Engineering (INAE)**, successfully hosted a two-day workshop titled **“Women Leaders for a Tech-Driven World”** from **7 to 8 February 2025**. Organized by **Prof. Rohit Bhakar** and **Dr. Swati Sharma**, the event aimed to empower women in STEM by promoting leadership, fostering diversity, and encouraging innovation.



The workshop was graced by **Dr. Chandrika Kaushik** (Director General, PC & SI), who delivered an inspiring keynote address on **“Trailblazer Women Leaders.”** In his remarks, **Prof. Narayana Prasad Padhy**, Director of MNIT Jaipur, reaffirmed the institute’s strong commitment to inclusivity and gender equity. The event also featured insightful sessions by several eminent speakers, including **Ms. Prabha Goyal** (Executive Director, BEL), **Dr. Vibha Tripathi** (CEO, BOON), **Ms. Anushree Srivastava** (Global Strategic Leader), and **Ms. Alka Singh** (Educate Girls Foundation). With enthusiastic participation from both academia and industry, the workshop facilitated impactful discussions on **leadership, technological entrepreneurship, mental well-being**, and the importance of **inspiring future generations** to build a more inclusive and progressive society.





# BLITZSCHLAG '25







# Blitzschlag 2025

## Celebrating Culture, Creativity, and Community

The Malaviya National Institute of Technology (MNIT), Jaipur, hosted its annual cultural festival, **Blitzschlag 2025**, from **February 6 to 9**. The four-day extravaganza featured a vibrant array of events, artistic showcases, and spirited student participation. With enthusiastic involvement from institutions across the country, Blitzschlag once again reaffirmed its reputation as one of **India's premier cultural festivals**.

### Day 0: Inauguration Ceremony and Opening Celebrations

litzschlag 2025 was officially inaugurated on **February 6, 2025**, in the esteemed presence of Prof. Narayan Prasad Padhy, Director, MNIT Jaipur. He was accompanied by **Prof. Kanupriya Sachdev** (Dean, Student Welfare), **Prof. Meenakshi Tripathi** (Associate Dean, Cultural), and members of the organizing committee. The ceremony commenced with the **traditional lamp-lighting ritual**, followed by **welcome addresses** and a presentation highlighting the **vision and spirit** of the fest.



The evening culminated in a spirited **DJ Night** followed by an elegant **Prom Night**, setting the tone for the **cultural spectacle** ahead.







# Blitzschlag 2025

## Celebrating Culture, Creativity, and Community

### Day 1: Showcasing Talent and Creativity

Day one showcased a **diverse array** of events led by MNIT's **dynamic cultural clubs**. The Photography Club kicked things off with Moments — a **captivating exhibition** of visual storytelling. The **Mavericks Club** engaged participants with thrilling activities like Squid Game and Escape Room, while creative competitions such as Charade Cities, Clay Ornamentation, and Storytelling attracted **enthusiastic participation** from students.



Musical segments included **Gungunate Chalo**, **Antakshari**, and the exhilarating **Beat Battle**. Meanwhile, events like **Youth Parliament**, **Courtroom**, and the much-anticipated **IPL Auction** by the **Entrepreneurship Development Cell** engaged analytical minds and sparked lively discussions.



The evening was marked by a **stand-up** performance from **Haseeb Khan**, a glamorous **Panache Ramp Walk**, and a high-energy **Band Night** by **Zikrr**.







# Blitzschlag 2025

## Celebrating Culture, Creativity, and Community

### Day 2: Performative Arts and Engaging Experiences

The **second day** opened with Tamasha, the impactful **Nukkad Natak competition**, which highlighted socially relevant themes through dynamic **street theatre**. Creative workshops such as **Bouquet Making and Fairytale Faces** nurtured student innovation and artistic expression.



**Quizzes and interactive challenges** like Rapid Fire Film Quiz, Seek the Truth, and Jigsaw Jollies added **variety and excitement**, while Ramba Samba—the **flagship dance competition**—drew **massive applause** for its **intensity and grace**.



The day ended with **DJ Vaibhav** energizing the crowd, complemented by a **bonfire** and **open jamming** session that encapsulated the festive spirit.







# Blitzschlag 2025

## Celebrating Culture, Creativity, and Community

### Day 3: Culmination of Culture and Celebration

The final day offered a vibrant array of events, including the MNIT Film Festival, **Kaun Banega Quizpatti**, a **Hindi poetry recitation**, and the musical quiz **Gaata Rahe Mera Dil**. Creative showcases such as **Picsaga** (Photography), **Koffee with Elac** (Debating), and **Rangbhoomi** (Theatre) highlighted the diverse talents and expressive spirit of the students.



Workshops like **Dream Catcher Crafting** and **Flower Vase Making**, organized by the **Creative Arts Club**, along with sustainability-focused activities such as **Recycle Rebels** by the **NSS Club**, enriched the creative landscape of the fest. Adding a touch of glamour to the day was **Fashionista Couture**, a vibrant celebration of style and expression.



The grand finale featured the high-energy **Battle of the Bands**, followed by a **dynamic Pronite** with captivating performances by **Parinay**, comedian **Harsh Gujral**, and the acclaimed singer **Vishal Mishra**—bringing the fest to a spectacular and memorable close.







# Blitzschlag 2025

Celebrating Culture, Creativity, and Community



## A Lasting Impression

**Blitzschlag 2025** was more than just a cultural fest—it was a vibrant convergence of passion, performance, and purpose. Celebrating the creative spirit of MNIT Jaipur, the festival left behind a tapestry of memories that will resonate long after the final curtain fell.





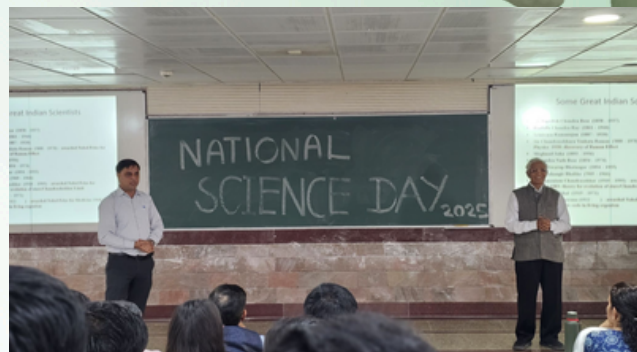


## National Science Day Celebration at MNIT Jaipur

At MNIT Jaipur, the Department of **Physics**, in collaboration with the **Science Club**, successfully organized a National Science Day celebration on **28 February 2025**. The event commemorated the discovery of the **Raman Effect** by **Sir C.V. Raman** and aimed to promote scientific temper and enthusiasm among students.



**Dr. Kamendra Awasthi**, Head of the **Department of Physics**, welcomed the students and invited guests, setting a thoughtful tone for the day's proceedings. The celebration featured **insightful lectures** by esteemed academicians: **Prof. S.K. Sharma** and **Prof. K.C. Swami**, both retired professors from MNIT Jaipur, and **Prof. Kanupriya Sachdev**, Dean of Student Welfare.



A **quiz competition** was organized for students, with prizes and certificates awarded to the **top three performers**. Additionally, **Ph.D. scholars** from the department presented their **research** through concise and engaging **flash talks**, offering a glimpse into the department's ongoing research activities. The event was efficiently coordinated by **Dr. Rajnish Dhiman**, ensuring its smooth and successful execution.







## Academic Events

### Skill development programme under UBA

The **Skill Development Programme** under the **Unnat Bharat Abhiyan (UBA)** was inaugurated at MNIT Jaipur on 28 March 2025. The inaugural session, held at **Lab 1** of the Computer Centre, Prabha Bhawan, set an enthusiastic tone for the days to follow. **Dr. Niraja Saraswat**, Convenor of the programme, briefed the students on the various sessions scheduled throughout the event. The session also featured addresses by faculty coordinators **Dr. Shiv Om Meena**, **Dr. Pooja**, and **Dr. Ramdayal**. Additionally, the programme was graced by the presence of organizing secretaries **Dr. Priyanka Harjule**, **Dr. Uttam Singh**, **Dr. Rameshwar**, and **Dr. Shridev Devji**. This transformative initiative welcomed students from **Classes 9 and 11**, representing various villages adopted by **MNIT Jaipur**.



Over the course of **four days**, attendees participated in a **diverse range** of sessions covering **digital literacy**, **communication skills**, **productivity and innovation**, as well as financial and civic awareness.



### ANRF Workshop at MNIT Jaipur

An **ANRF-sponsored one-week High-End Workshop (Karyashala)** on **Advanced Trends in Flexible Sensors for Energy Harvesting** was conducted from **5 to 9 March 2025** by **Dr. Ritu Sharma**, Associate Professor in the Department of Electronics and Communication Engineering, MNIT Jaipur. The workshop aimed to **disseminate knowledge** and key findings from the ANRF-funded research project titled **Design, Fabrication, and Performance Evaluation of Flexible Piezoelectric Biomechanical Energy Harvester** among undergraduate, postgraduate, and doctoral students.







## Academic Events

The **workshop** offered a comprehensive overview of various **energy harvesting techniques** and explored emerging materials—such as **polymers, composites, and nanomaterials**—with enhanced **piezoelectric, triboelectric, pyroelectric, and other energy-harvesting properties** suitable for **flexible sensor applications**. It also included sessions on sensor design using **COMSOL Multiphysics software** and provided in-depth insights into **fabrication techniques** for flexible sensors used in electronic applications.



**DSIR sponsored workshop at MNIT Jaipur**



A **DSIR-sponsored workshop on Autism Spectrum Disorder (ASD) and ICT tools** was successfully conducted at MNIT Jaipur on **21 February 2025**. The one-day workshop, titled **Role of ICT Tools in Learning for Children with Autism Spectrum Disorder (ASD)**, was organized with support from the **Department of Scientific and Industrial Research (DSIR)**. The event brought together educators, researchers, **NGO** representatives, speech therapists, psychiatrists, and parents from across India, who shared valuable insights on autism awareness, assistive technologies, and the role of ICT in inclusive education.

**Dr. Meenakshi Tripathi and Prof. Lava Bhargava** provided an overview of the research and project objectives, while **Dr. Vandana Kalia and Dr. Shashi Kumar** from DSIR highlighted the **“A2K+ Scheme,”** a key initiative of the department.

The technical sessions featured eminent experts, including **Prof. Gargi P. Sinha** from **Dyanvardhini Divya Training College (DDTC), Vasco (South Goa)**; **Prof. Indu Kumar** from **NCERT, Delhi**; **Prof. J. C. Abraham** from **Jamia Millia Islamia, Delhi**; **Dr. Simmi Kurian** from **Jain University, Kochi**; and **Mr. Abhisek Mishra** from **Pisurv Tech, Indore**, among others. These sessions focused on the impact of ICT in education and emphasized the importance of technology in supporting inclusive learning environments.

The sessions were skillfully moderated by **Dr. Preeti Bhatt**, and the workshop concluded with a formal vote of thanks delivered by **Dr. Sushant Upadhyay**.





## Academic Events

### Synthesis and Characterisation of materials for Biomedical applications

A short-term training program on **Synthesis and Characterization of Materials for Biomedical Applications** was organized at MNIT Jaipur. The program brought together researchers, academicians, and industry professionals to explore cutting-edge advancements in biomedical materials—from **nanomaterials for drug delivery** to advanced characterization techniques.

The inaugural session was graced by **Prof. Lava Bhargava, Dean (Research & Consultancy)**, MNIT Jaipur; **Prof. Ashok Raichur from IISc Bangalore**, a distinguished expert in nanoscale delivery systems and bio-inspired materials; and **Dr. Nisha Verma, Head of the Department, MRC**, MNIT Jaipur, whose leadership has been instrumental in promoting advanced research in materials science. Their insightful addresses set the tone for an engaging and impactful learning experience.



### GIAN course on Postcolonial Ecocriticism organized at MNIT Jaipur

A **one-week GIAN course on Postcolonial Ecocriticism: Global Writings and Critical Natures** was organized by the Department of Humanities and Social Sciences, MNIT Jaipur, from **3 to 8 March 2025**, under the dynamic leadership of **Prof. N. P. Padhy, Director**, MNIT Jaipur. The course featured **Prof. Alan G. Johnson** from the Department of English and Philosophy, **Idaho State University, USA**, as the International Expert. The program was effectively coordinated by **Dr. Preeti Bhatt**, Head and Associate Professor, and **Dr. Nidhi Bansal**, Assistant Professor, Department of Humanities and Social Sciences.



Participants from several prestigious institutions—including **IIT Bombay, IIT Kanpur, IIT Jodhpur, BITS Pilani, and Manipal University Bengaluru**—attended the course in person with great enthusiasm. The six-day program featured 18 engaging sessions focused on the central theme, fostering active participation and vibrant discussions throughout.





## Departmental Spotlights

### Department of Chemical Engineering

The Department of **Chemical Engineering** at Malaviya National Institute of Technology (MNIT) Jaipur recently organized an insightful **industry expert lecture** titled “**Characteristics of LPG and Its Associated Hazards; Standard Operating Procedures for LPG Bottling Plant Operations.**” The session was conducted as part of the course **22CHT-351: Petroleum Refining and Petrochemicals**, coordinated by **Dr. Shiv Om Meena**, Assistant Professor, Department of Chemical Engineering. The lecture was delivered by **Mr. Ravinder Kumar Sharma**, Retired Chief Plant Manager, **Indian Oil Corporation Limited (IOCL)**, Jaipur, on **13 February 2025**, from 3:00 PM to 4:30 PM. The event was facilitated by **Dr. Sushant Upadhyaya**, Head of the Department, and was graced by esteemed faculty members including **Dr. Vikas Sangal** and **Dr. Rohidas Bhoi**. **Mr. Sharma** shared valuable insights drawn from his extensive industry experience, providing students with a practical understanding of LPG characteristics, associated risks, and operational protocols at bottling plants. The lecture aligns with the **National Education Policy (NEP) 2020**, which emphasizes the integration of real-world knowledge into academic learning.

The department expresses its sincere gratitude to **Mr. Sharma** for his enlightening presentation and to all faculty members for their support in making the event a success.



The Department of **Chemical Engineering** at Malaviya National Institute of Technology (MNIT) Jaipur organized a one-day **Curriculum Development Workshop (CDW)** on **18 February 2025**, aimed at designing two in-principle approved M.Tech programs: **Chemical Engineering and Sustainability** and **Petrochemicals Engineering & Polymer Technology**.

The workshop brought together distinguished academic and industry experts to collaboratively shape forward-looking, industry-aligned curricula. Academic contributions came from **Prof. Rajesh Khanna (IIT Delhi)**, **Prof. Sri Sivakumar (IIT Kanpur)**, and **Prof. Ajay Dalai (University of Saskatchewan, Canada)**. Industrial perspectives were shared by **Mr. Sourabh Gupta, Manager at UOP India Pvt. Ltd.**, and **Ms. Pooja Dhaker, Process Manager at IOCL Mathura**. The session was chaired by **Dr. Sushant Upadhyaya, Head of the Department**, and convened by **Dr. Rajeev Dohare**. Faculty members **Prof. Kailash Singh**, **Prof. Madhu Agarwal**, and **Prof. Manish Vashishtha** also contributed valuable insights.

The **workshop** underscored the department's commitment to academic excellence and relevance, ensuring that the new programs will equip graduates with the knowledge and skills needed to address contemporary challenges in the chemical and petrochemical industries.

The Department of **Chemical Engineering** at Malaviya National Institute of Technology (MNIT) Jaipur successfully organized a five-day workshop titled “**Hands-on Practice on Advanced Analytical Instruments for Energy and Environment Applications**” from **14 to 18 April 2025**. The workshop was conducted in association with the **AMRUT Funded Centre of Urban Planning**, the **Indian Institute of Chemical Engineers (IICChE) Jaipur Chapter**, and the **Institution of Engineers (India) Rajasthan State Centre**.





## Departmental Spotlights



The Department of **Chemical Engineering** at Malaviya National Institute of Technology (MNIT) Jaipur has achieved remarkable success in the **GATE 2025** examination, showcasing exceptional academic performance and dedication to excellence.

The department is proud to announce that **Manvendra Singh** secured an All India Rank (AIR) 2, placing him among the top performers in the country and bringing national recognition to the department.

**Amitoj Singh Chhabra** achieved a commendable **AIR 21**, further highlighting the high standards of preparation and dedication exhibited by the students.

More than **14 students** from the department successfully cleared the **GATE 2025** examination with commendable scores, reflecting the department's strong commitment to nurturing technical expertise and analytical acumen



Sl. No.	Name	Student ID	Year	GATE All India Rank
1	Manvendra Singh	2021UCH1649	4	2
2	Amitoj Singh Chhabra	2021UCH1685	4	21
3	Sujal Prakash Rathore	2022UCH1911	3rd	102
4	Somil Vijay	2022uch1854	3	135
5	Aman Sharma	2021uch1790	4th year	314
6	Mayank Mishra	2021UCH1024	4th	377
7	Nikhil	2021UCH1025	4th	666
8	Aniket Raj	2022uch1908	3rd yr	1091
9	Samarpit Mishra	2022UCH1006	3rd year	1091
10	MINTU KUMAR	2021uch1735	4	1446
11	Sumit singh	2022uch1285	3rd	1563
12	Sumit Saini	2022Uch1393	3	2062
13	Ali Hussain Ansari	2022UCH1307	3	2193





## Departmental Spotlights

### Department of Chemistry

An expert lecture on “Nanocarbon-based Materials and Electrolytes in High Energy Symmetric/Asymmetric Supercapacitors” was delivered by **Dr. M. Sathish**, Principal Scientist and Head of the Electrochemical Power Sources Division at **CSIR-CECRI, Karaikudi**, on 28 March 2025.

Organized by **Dr. Sumanta Kumar Meher**, the session focused on recent advancements in nanocarbon materials and innovative electrolytes for high-energy symmetric and asymmetric supercapacitors. The lecture was insightful and highly appreciated by the attendees for its depth and relevance to current energy storage research.

**MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR**  
रसायन शास्त्र विभाग | Department of Chemistry

**EXPERT TALK**

on

**Nanocarbon-based Materials and Electrolytes in High Energy Symmetric/Asymmetric Supercapacitors**

by

**Dr. M. Sathish**  
Principal Scientist and Head of the Electrochemical Power Sources Division at CSIR-Central Electrochemical Research Institute (CSIR-CECRI), Karaikudi

28/03/2025; 3:00 PM Chemistry Seminar Hall

**MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR**  
रसायन शास्त्र विभाग | Department of Chemistry

**EXPERT TALK**

on

**Molecular Engineering of Discotic Mesophases for Organic Electronics**

by

**Prof. Santanu Kumar Pal**  
Indian Institute of Science Education and Research (IISER) Mohali

28/03/2025; 11:00 AM Chemistry Seminar Hall

### Expert lecture on “Molecular Engineering of Discotic Mesophases for Organic Electronics”

An expert lecture titled “Molecular Engineering of Discotic Mesophases for Organic Electronics” was delivered by **Prof. Santanu K. Pal** from **IISER Mohali** on **28 March 2025**. The session was organized by **Dr. Biman Bandyopadhyay**.

Prof. Pal highlighted cutting-edge strategies in molecular design and mesophase engineering aimed at enhancing the performance of organic electronic devices. The lecture provided valuable insights into the interplay between molecular architecture and functional properties and was well-received by the participants.





## Departmental Spotlights

### Department of Chemistry

**Lecture on “Exploring Complex PESs of Sulfur-Centered H-Bonded Systems in Cold Rigid Matrix”**

**Dr. Biman Bandyopadhyay** delivered a lecture titled “Exploring Complex PESs of Sulfur-Centered H-Bonded Systems in Cold Rigid Matrix” at the 20th edition of the Spectroscopy and Dynamics of Molecules and Clusters (SDMC 2025), held from **20–23 February 2025** in **Mussoorie, Uttarakhand**. His talk explored advanced research on **potential energy surfaces (PESs)** and their implications for sulfur-centered hydrogen-bonded systems in cryogenic environments, contributing to a deeper understanding of molecular behavior under extreme conditions.

**Lecture on “Releasing of Plastic Additives from Consumer-Based Products and their Degradation by Nanomaterials”**

**Dr. Manviri Rani** presented a lecture on “Releasing of Plastic Additives from Consumer-Based Products and their Degradation by Nanomaterials” at the **Prof. Ram Chand Paul National Symposium on Sustainable Development in Chemical Sciences: Innovation and Start-ups**, held at **Panjab University, Chandigarh**, from **21–22 February 2025**. Her presentation addressed the environmental hazards posed by plastic additives and highlighted the role of nanomaterials in their effective degradation, emphasizing innovative solutions for sustainability challenges.

### Department of Electronics & Communication Engineering

**Workshop organized**  
**Semiconductor Fabrication & Packaging Technology**

The **ECE Department** organized this workshop from **20 to 31 January 2025**. Coordinated by **Dr. Deepak Bharti**, the sessions were held daily from 4 PM to 8 PM and focused on advanced fabrication and packaging methods.

**Technology Enabled Teaching, Learning & Process for Institutes**

This program was conducted from **3 to 14 February 2025**, under the coordination of **Prof. Vineet Sahula**. It included two daily sessions, from 8 AM to 10 AM and 6 PM to 8 PM, aimed at improving tech-based teaching methods.

**VLSI Design using Open Source Tools**

Held from **10 to 21 February 2025**, this workshop was guided by **Prof. Lava Bhargava** and focused on providing participants with hands-on experience in **VLSI design** using open-source platforms. The sessions were designed to bridge theoretical foundations with practical skills, equipping attendees with the tools and knowledge essential for modern chip design and innovation in the semiconductor industry.

**Advanced Optimization Techniques using MATLAB**

Conducted from **17 to 28 February 2025**, this workshop was coordinated by **Dr. S. J. Nanda**. The sessions, held from 4 PM to 8 PM daily, covered practical optimization methods using **MATLAB**.

**Intricacies of Analog & Mixed Signal Design**

This program was organized from **17 to 28 February 2025** by **Dr. Menka Yadav**. The sessions were held daily from 4 PM to 8 PM and explored challenges in analog and mixed-signal circuit design.





## Departmental Spotlights

### IoT Applications with Sensors, Embedded Systems, and Data Analytics

This workshop, conducted by **Dr. Amit M. Joshi**, was held from **17 to 28 February 2025**. The sessions, scheduled from 4 PM to 8 PM daily, focused on integrating IoT with sensor networks and data analysis.

### Semiconductor Devices, Circuits & Sensors: Applications & Research Perspective

This online program was held from **2 to 10 May 2025**, coordinated by **Dr. Menka Yadav**. Sessions were conducted for 4 hours daily and 6 hours on weekends, offering insights into semiconductor research and applications.

### Department of Humanities & Social Science

The 24th session of **HUMPALS** was successfully held on **10 March 2025**, under the aegis of the Department of Humanities and Social Sciences. The session commenced with Labhisha introducing the esteemed speaker, **Prof. Sudhir K. Jain**, Adjunct Professor at **IIM Jammu** and **MNIT Jaipur**.

Prof. Jain delivered an insightful lecture on “**Thesis Writing and the Research Journey: Some Tips.**” He provided comprehensive guidance on structuring a thesis, sequencing chapters, avoiding common pitfalls, and mastering key aspects such as effective writing, time management, and citation practices. He also underscored the importance of research quality, academic integrity, and originality. Following the lecture, **Prof. Manju Singh** reiterated the core philosophy of **HUMPALS**—self-learning, re-learning, and co-learning—as the foundation of this enriching academic initiative. The session was highly engaging and appreciated by the participants for its practical relevance and academic depth.



The session was graced by esteemed faculty members, including **Dr. Preeti Bhatt**, **Prof. Manju Singh**, **Prof. Vibhuti Shekhawat**, **Dr. Dipti Sharma**, and **Dr. Nidhi Bansal**. The event concluded with an engaging discussion.







## Departmental Spotlights

### Department of Mathematics

The **Shakti Vandan** program was organized by Nagar Nigam Greater Jaipur at **Jawahar Kala Kendra**. On this occasion, a session on the role of women in science and technology was held on **17 March 2025**. **Prof. Ashutosh Sharma**, President INSA and former Secretary of the Department of Science and Technology, Government of India, was the **chief guest** for the event. **Dr. Ritu Agarwal**, **Dr. Hemlata Sharma**, **Dr. Pooja Nigam**, **Dr. Natasha Sharma**, **Dr. Geetanjali Chattopadhyay**, and **Dr. Anjali Guleria** participated as panelists.



**Dr. Priyanka Harjule** delivered an invited talk titled **“Building Segmentation in Satellite Imagery for Urban Settlements: A Comparative Study of Deep Learning Models”** at the prestigious User Interaction Meet–2025, held on **26 March 2025**. The national-level event was organized by ISRO at the **National Remote Sensing Centre (NRSC)**, Hyderabad.

In her presentation, she showcased key findings from her research project, **“ICESat-2 Based Ground Photons Retrieval in Urban Areas Using Deep Learning Algorithms,”** which was supported by the Regional Academic Centre, **ISRO**. Her work emphasized the potential of deep learning in advancing urban remote sensing applications.



### Department of Metallurgical and Materials Engineering

Dept. of Metallurgical and Materials Engineering, in association with **IIM Jaipur Chapter**, has organized an expert lecture by **Dr. Chenna Krishna S**, Scientist/Engineer, SF, Vikram Sarabhai Space Centre, Trivandrum, on **17th March 2025**. The topic of the talk was **“Integrated Approach of Simulation and Experiments for Development of Inconel Alloy Hemispherical Forgings”**. Dept. of Metallurgical and Materials Engineering hosted an expert discussion by **Mr. K. Naveen Singh**, General Manager, **JSW Bellary**, on **“Advances in Steel Making Technology and the Journey Towards Green Steel: The Indian Scenario 2030”**.



### Extracurricular Activities

A large number of extracurricular activities were conducted by the **department of Metallurgical and Materials Engineering** which included Cultural events, sports meets, and student club activities, Sports workshops, cultural competitions, etc.





## Departmental Spotlights

### Department of Metallurgical and Materials Engineering

The Department of Metallurgical and Materials Engineering organized an International Conference on Advanced Materials for Sustainable Development (**ICAMSD 2025**) on **28 th and 29 th March, 2025**. The event was inaugurated in the esteemed presence of the Chief Guest, **Dr Komal Kapoor, Chairman and Chief Executive of Nuclear Fuel Complex**, Guest of Honor, **Brig. Arun Ganguli, Secretary General of the Indian Institute of Metals (IIM)**, and **Prof. N. P. Padhy, Chairman (I/c) and Director of MNIT Jaipur**. **Prof. Bhuvanesh Gupta**, President of Asian Polymer Association (APA), also graced the occasion.

The organizing secretary, **Dr. Swati Sharma**, welcomed the attendees, highlighting the significance of the conference. **Prof. R. K. Goyal**, the conference chair, elaborated on the theme and objectives of the event. There were 9 plenary, 31 invited, and 170 oral and poster presentations. The distinguished speakers were from reputed organisations and institutions such as DRDO, ISRO, IITs, NITs, IISc, CSIR-NCL, CSIR-NML, C-MET labs, DIAT Pune, and various industries. **Shri Ratnaprasad Atluri** (COO, Evonith Steels, Wardha) discussed the challenges in special steel making in flat steel products while **Shri Prakash S. Bagga** (Director, SMS Metals, Dewas) highlighted the refining of induction melted steel, which resulted in increased quality and efficiency.



More than **250 participants** attended 19 technical sessions and a poster presentation. The best oral presentation, poster presentation, and metallography contest awards were also given to participants to motivate them for the research. Experts emphasized the importance of promoting interdisciplinary approaches in research, education, and problem-solving. Furthermore, they highlighted the potential of advanced materials for sustainable development. The conference program concluded with a formal acknowledgement and expression of gratitude to all stakeholders, including sponsors, recognizing their contributions and support







## Departmental Spotlights

### Department of Metallurgical and Materials Engineering

The Department of Metallurgical and Materials Engineering at MNIT Jaipur organized a two-day International Conference. The event was inaugurated in the esteemed presence of the Chief Guest, **Dr. Komal Kapoor**, Chairman and Chief Executive of **Nuclear Fuel Complex**, and Guest of Honor, Brig. **Anup Ganguli**, Secretary General of the IIM. **Prof. Narayana Prasad Padhy**, Chairman (I/C) and Director of MNIT Jaipur, and **Prof. Bhavanesh Gupta**, President APA, also graced the occasion.



The organizing secretary, **Dr. Swati Sharma**, welcomed the attendees and highlighted the significance of the conference. **Prof. Rajendra Kumar Goyal**, the Conference Chair, elaborated on the theme and objectives of the event. During the conference, the Chief Guest emphasized the critical importance of advancing sustainable materials, particularly for applications in space research and nuclear fuel. A significant highlight of the event was the signing of a Memorandum of Understanding (MoU) between MNIT Jaipur and **The Nuclear Fuel Complex**, Department of Atomic Energy, India (NFC).

### Department of Mechanical Engineering



A short-term course (STC) on “**Additive Manufacturing for Defence Application**” was conducted in collaboration with **DRDO** New Delhi, from 3 to 7 March 2025, at MNIT Jaipur. **Dr. Jinesh Kumar Jain** and **Dr. Yashwant Koli** were the conveners of the STC. **Dr. Tapas Bajpai** and **Dr. Anup Malik** were the coordinators of the STC.







## Departmental Spotlights

### Department of Mechanical Engineering

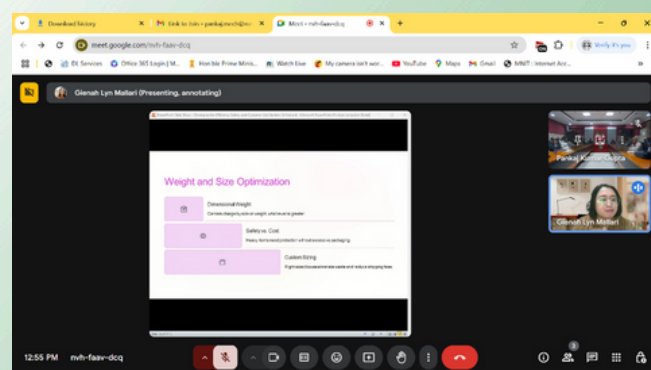
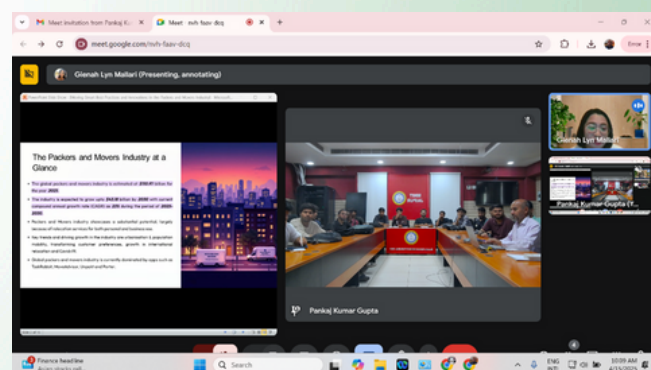


**Mr. Sanjay Kumar Gupta** (General Manager, Maruti Suzuki) delivered a lecture on the topic “Product Planning in Automotive Industry” for the course “**Product Design and Development 22MET935**” (course coordinator – **Dr. Rakesh Jain**). The lecture was held on **17 March 2025** under Industry-Institute Interaction.

**Mr. H. S. Jatana**, (Sci/Engr ‘SG’ Group Head – Design & Process Grp SCL /Dept of Space, Govt of India) delivered a lecture on the topic “**Role of Advanced Subtractive and Additive Manufacturing in Chip Fabrication Industry**” for the course “**Advanced Machining and Additive Manufacturing 22MET351**” (Course Coordinator – **Prof. Harlal Singh Mali**). The lecture was held on **9 April 2025**, under Industry-Institute Interaction.



An online guest lecture on the topic “**Moving Smart: Best Practices and Innovations in the Packers and Movers Industry**” was held on **15 April 2025**, from 10:00 AM to 11:00 AM IST at venue NKN-I. The session focused on efficiency, technology, and customer-centric approaches in relocation services. The guest speaker for the event was **Dr. Gienahlyn Mosuela Mallari** from Don Honorio Ventura State University (DHVSU), Candaba Campus, Philippines.



An online guest lecture on the topic “**Seamless Relocation: Strategies for Efficiency, Safety, and Customer Satisfaction**” was conducted on **16 April 2025**, from 12:00 Noon to 1:00 PM IST at venue NKN-I. The lecture covered key aspects such as logistics optimization, packing techniques, and effectively handling customer concerns. The session was delivered by **Dr. Gienahlyn Mosuela Mallari** from Don Honorio Ventura State University (DHVSU), Candaba Campus, Philippines.





## Departmental Spotlights

**Prof. Michael Bradley, Prof. Ajay K. Dalai, and Prof. Medam Venkatesh** from the University of Saskatchewan, Canada, visited the Department of Metallurgical and Materials Engineering on **19 March 2025**, and had a detailed discussion with the faculty of the department for joint research, including a faculty exchange program



## Department of Physics

The Department of **Physics** organized an expert lecture on **11 February 2025**, by **Prof. Takayuki Ichikawa**, Director, A-ESG Science and Technology Research Center, Hiroshima University, Japan, on “**Recent Advances in Hydrogen Storage Materials and Hydrogen Production Systems.**” The lecture session was a part of the ongoing activities under the existing MOU (since 2018) between MNIT Jaipur and Hiroshima University, Japan, for research collaboration and student/faculty member exchange.







## Departmental Spotlights

### Centre for Energy and Environment

#### CEE Participates in Kick-off Workshop on Capacity Building for Integrated Resource Planning (IRP) in Rajasthan

Faculty members and research scholars from the Centre for Energy and Environment (CEE), MNIT Jaipur, actively participated in the Kick-off Workshop on Capacity Building for Integrated Resource Planning (IRP) in Rajasthan, held on 8 April 2025 at Summit 1 Hall, **Radisson Blu Hotel**, Jaipur.

Organized by **WRI India** in collaboration with **Prayas** (Energy Group), India, and **emLab at the University of California**, Santa Barbara, the workshop brought together key stakeholders from government, utilities, academia, and civil society. The event focused on addressing the evolving requirements of power system planning and exploring the tools and strategies necessary to support a clean energy transition in Rajasthan.

As an infrastructure and academic partner, CEE contributed its technical expertise to the discussions and reaffirmed its commitment to playing an active role in ongoing and future capacity-building initiatives aimed at decarbonizing the power grid and enhancing integrated resource planning.



### MNIT Innovation & Incubation Center (MIIC)

#### IPL Auction at Blitzschlag '25

In association with the Entrepreneurship Development Cell (**ED Cell**), a simulated **IPL Auction** was conducted on **7 February 2025**, during **Blitzschlag '25**, MNIT Jaipur's annual cultural fest. The event brought high energy and strategic thrill to the campus.

With a prize pool of **Rs. 6,000**, participating teams enthusiastically managed their budgets to acquire top players, closely replicating the dynamics of a real-world IPL auction. The engaging format and competitive spirit made the event a resounding success, concluding with finalised team squads and positive feedback from participants.







## Departmental Spotlights

### Game of Life at Blitzschlag '25'

In association with the Entrepreneurship Development Cell (ED Cell), the event Game of Life was held on **8 February 2025**, as part of Blitzschlag '25. Merging strategy, entrepreneurship, and real-life decision-making, the event offered participants an immersive and engaging experience. With around 140 registrations, the event witnessed enthusiastic student participation. Its innovative format, combining learning with entertainment, made it one of the most memorable highlights of the fest.



### Material Research Centre

MRC organized a short-term training program on “**Synthesis and Characterization of Materials for Biomedical Applications**” from **4 to 8 February 2025**, where more than **45 participants** from different colleges participated. The resource person for the training program was **Prof. Ashok M. Raichur** from the Materials Engineering Department, **IISc Bangalore**. Several noted national and international personalities such as **Shri Praveen**.



### Distinguished Visits and Research Highlights at MRC

The Materials Research Centre (MRC) recently hosted several distinguished guests, including **Mr. Kumar, Managing Director of DFCCIL**, **Prof. Superb Misra** from the Materials Engineering Department, IIT Gandhinagar, and **Prof. Michael Bradley** from the **University of Saskatchewan**. The visitors commended the state-of-the-art research facilities and their meticulous maintenance at the centre.

On **3 March 2025**, MRC also welcomed 20 students from **IIS University, Jaipur**, providing them with a guided tour of the centre's advanced research infrastructure and ongoing projects.

In addition, the faculty members and students of MRC achieved a significant academic milestone with the publication of eight research papers in reputed international journals, underscoring the centre's strong research output and academic excellence.







## Student Activities and Achievements

### Silver Medal at basketball tournament

MNIT Jaipur **Girls Basketball team won the Silver medal** at the Basketball and Table Tennis Tournament **2024-25**.



### Department Of Computer Science and Engineering

#### Student Participation at Research and Industry Symposium on Computing 2025, IIT Bombay

**Ashish Kumar**, a third-year student, represented the institute at the prestigious **Research and Industry Symposium on Computing 2025** held at **IIT Bombay**. Funded by the Government of India, the symposium offered a **dynamic platform** for exploring the future of computing through the theme **“Shaping Tomorrow’s Workforce.”**

Ashish described the experience as **“beyond incredible,”** highlighting the opportunity to engage in insightful discussions, explore cutting-edge research, and interact with top-ranked students from **IIT Bombay’s CSE department** as well as founders and CEOs from leading tech industries. The symposium fostered valuable academic-industry connections and offered deep insights into emerging trends in computing and workforce development.



The symposium provided him a fantastic platform to explore innovations in **AI, Machine Learning, Systems Research**, while networking with researchers, professors, and industry leaders.



### Department of Electronics and Communication Engineering

#### Outstanding Student Achievements in Academics and Sports

Academic Excellence in GATE and UPSC

**Tushar Jain** achieved an exceptional All India Rank (AIR) of **105** in GATE 2025, followed by Priyanshu Prajapati and Sajal Kumar Singh, who secured **AIR 207 and AIR 710**, respectively—reflecting the academic rigor and dedication of MNIT Jaipur students. In another significant accomplishment, **Aryan** qualified the **UPSC Combined Defence Services Examination 2024**, marking a proud milestone for the institute.

#### Priyanshu Sontakke Shines at All India Inter NIT Sports Tournament 2025

At the All India Inter NIT Sports Meet 2024–25, held at **NIT Karnataka, Surathkal**, **Priyanshu Sontakke**, a final-year student from the Electronics and Communication Engineering department, delivered a remarkable performance. He clinched a **gold medal** in the **10km race** and a silver medal in the **5km race**, repeating his outstanding feat from the previous year and bringing laurels to MNIT Jaipur.





## Departmental Spotlights



**National Runners-Up** at the Novartis NEST Hackathon **Raghav Arora** and **Dhanvin Namboodiri** (both from the 2022 Electronics and Communication Engineering batch, Roll No. 2022UEC1253), competed as Team Longlive\_AI in the prestigious Novartis NEST (Nurturing Excellence and Strengthening Talent) Challenge, organized by Unstop in collaboration with Novartis India. Demonstrating innovation, technical acumen, and problem-solving skills, the team emerged as **National Runners-Up**, standing out among participants from across the country. Their performance reflects the growing strength of MNIT Jaipur in fostering excellence in AI-driven solutions and interdisciplinary innovation.



The judges, who were leaders and **global heads of Novartis**, judged the teams based on the quality of the solutions and the performance of the team in the 2 rounds. **Raghav and Dhanvin** secured **National Runners Up** position and won **INR 75000** for the same.

### Centre for Energy and Environment

**Best Athlete (Women) – Annual Athletics Meet 2025** **Priyanka Rai**, Ph.D. Research Scholar at the Centre for Energy and Environment (CEE), was honored with the **Best Athlete (Women)** award at the **Annual Athletics Meet 2025**. Her remarkable performance across multiple events reflects her exceptional athleticism and dedication:

- **1st Place** – 100m Race, High Jump, Long Jump, Triple Jump
- **2nd Place** – 4×100m Relay
- **3rd Place** – Discus Throw

Priyanka also represented MNIT Jaipur at the All India Inter NIT Athletics Meet 2024–25, held at NIT Surathkal, delivering impressive results:

- **Triple Jump** – 8.63 m
- **Long Jump** – 3.92 m

Her outstanding achievements embody the spirit of discipline, determination, and pursuit of excellence—hallmarks of the MNIT Jaipur student community.





## Departmental Spotlights



### Stellar Performance by CEE Students at Inter-Branch Cricket Tournament

Students from the Centre for Energy and Environment (CEE)—**Aaquib Firdous, Raj Gupta, and Vaibhav Rathore**—delivered a **stellar performance** in the **Inter-Branch Cricket Tournament**, bringing pride to the Centre.

Aaquib Firdous emerged as the **Top Scorer** of the Tournament, playing a pivotal role with a match-winning **half-century** in the finals. Their collective performance exemplified the values of teamwork, resilience, and the ability to balance academic rigor with sporting excellence—hallmarks of the student community at MNIT Jaipur.







## Research Publications and Projects

### Patent Granted and Innovation Showcase by Prof. Amit Joshi

**Prof. Amit Joshi** has been granted a patent titled "**A Device for Detection and Prediction of Recurrence of Epilepsy**", officially awarded on 24th March 2025. This innovation represents a significant leap in medical technology, aimed at improving the management and early detection of epilepsy recurrence.

In addition to this milestone, **Prof. Joshi** participated in IInvenTiv-2025, a prestigious national R&D fair held at **IIT Madras on 28 February and 1 March 2025**. The event featured faculty-led startups from premier institutes across India.

Representing MNIT Jaipur, **Prof. Joshi** showcased the working prototype of iGLU: Intelligent Glucometer, developed under his startup **Svaarogyam Medical Device Pvt. Ltd.**, incubated at the MNIT Innovation and Incubation Centre. His participation highlighted MNIT Jaipur's commitment to impactful research, innovation, and entrepreneurship in the healthcare technology domain.



### Department of Electronics and Communication Engineering

**Patent Title: Method for Fabricating Flexible Strain-Sensor for Respiration Rate Detection and a Flexible Strain-Sensor Device Thereof**

**Patentee: Mr. Puneet Sharma, Mr. Atul Kumar Sharma, Dr Ritu Sharma, Dr. Vijay Janyani**

### Patent Title: Method for Traffic Management by Scheduling Vehicular Traffic

**Name of Inventors: Dr. Amit Kumar Garg, Gauri Shankar Tak, Deepak Gurjar, Ayush Kumar Gupta, Prof. Vijay Janyani**

### Projects Sanctioned

**Project Investigator: Prof. Vineet Sahula**

**Title of Project: Electronics and ICT Academy (Phase-2)**

**Funding Agency: Ministry of Electronics and IT, Govt. of India**

**Amount: 1005.58 Lakhs**

**Duration: 2024–2029**

**Project Investigator: Dr. Amit Mahesh Joshi**

**Title of Project: Onboard spectral preprocessing for multispectral image compression using FPGA**

**Funding Agency: ISRO**

**Amount: 18.62 Lakhs**

**Duration: 2 years**

**Project Investigator: Dr. Kuldeep Singh**

**Title of Project: Development of techniques for data traffic based analysis of smart systems**

**Funding Agency: Defense Research and Development Organization (DRDO), Ministry of Defense, Govt. of India**

**Amount: 113.97 Lakhs**

**Duration: 2023–2025**

### Papers Published

Faculty members contributed to **11 journal publications** in reputed journals including **Sādhanā, Information Sciences, Solar Energy Materials and Solar Cells**, and others.





Notable contributors were **Prof. S. Singhal** (4 papers), **Dr. Vikram Maurya** (3 papers), and **Dr. Ritu Sharma** (2 papers).

**Prof. S.J. Nanda, Prof. H. Mittal, and Prof. R.P. Yadav** contributed to 3 Springer book volumes, published under Algorithms for Intelligent Systems and Lecture Notes in Networks and Systems.

### **Department of Humanities & Social Science**

#### **Research Project:**

**Dr Dipti Sharma**, Associate Professor, Dept. of Humanities and Social Sciences has been granted a research project on “**Empowering India’s Green Energy Transition An Empirical Study of Solar Energy Integration in Agriculture**” by Indian Council of Social Sciences Research (ICSSR)

#### **Project Sanctioned**

PI Name: **Prof. Manish Vashishtha**

Title: Development of Sustainable low-cost adsorbent from mustard crop residue for wastewater treatment.

Amount: **9.4 Lakh**

Duration: 2 yrs

Agency: DST Rajasthan

### **Department of Metallurgical and Materials Engineering**

**Dr. Swati Sharma** is supervising a project on the Development of Plasma Sprayed High Temperature Oxidation Resistant Coating Materials for Satellite Thrusters funded by ISRO-RACS. **The project has received a fund of Rs. 22 Lakhs PI.**

**Dr. Randhir Kumar Singh** is supervising a project on Thermodynamic modelling of phases present in non-standard materials (stainless steel, copper and nickel base superalloys) used in liquid rocket engine materials funded by **ISRO-RACS**. The project has also received a grant of **Rs. 20.80 Lakhs.**

**Prof. Rajendra Kumar Goyal** is leading a project on Development of Technology to Recover High Purity Metal, funded by **Aromatics India Private Ltd**. The project has received a research grant of **Rs. 15.30 lakhs.**

Prof. Rajendra Kumar Goyal is leading a project titled “Additive manufacturing of Polyetherimide **(ULTEM)** based nanocomposites for Aerospace and Space applications”. The project is being funded by the Indian Space Research Organization (**ISRO**). The project has received a research grant of **25.86 Lakhs.**

Department of metallurgical and materials engineering published **12** journals globally in many renowned journals including Journals of Material Research Technology, The Journals of the Minerals, Metals and Materials Society, Journal of Material Science: Materials in Electronics etc.

#### **Patents**

Publication of patent on “A Process for Electrodeposition of Nanocrystalline Self-Lubricating Nickel Silver Alloy Coatings” by **Brij Mohan Mundotiya, Banti Chauhan, Suresh Bandi, and Vijay Navaratna Nadakuduru**, Reg.No. 202511014465 [Intellectual property India] Published Dt.20-02-2025.

**Brij Mohan Mundotiya, Suresh Bandi, Shrawan Kumar Bairwa** published a patent , &quot;A Process for Electrodeposition of Corrosion Resistant Nickel-Titanium Alloy Coatings on Nickel Aluminum Bronze Substrate&quot;, Reg.No. 202511020992 [Intellectual property India] Filed, Dt.08-03-2025.

A Method for Synthesizing ultrafine grained gamma Titanium Aluminide Alloys&quot;, was published by **Vijay Navaratna Nadakuduru, Mrigesh Verma Navalkishor** , Reg.No. TEMP/E- 1/28349/2025- DEL [Intellectual property India] Filed Dt.19-03-2025.





## Industrial Visits

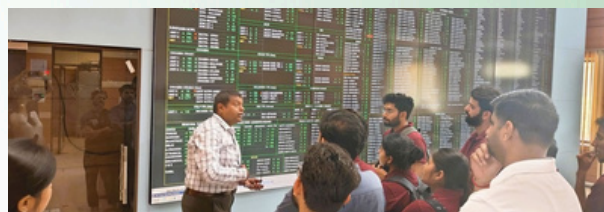
Industrial visit to **REMC IEEE Power & Energy Society**, Student Branch Chapter MNIT Jaipur successfully organized an industrial visit to Renewable Energy Management Centre and State Load Dispatch Center (SLDC) Heerapura on **20 March 2025**.



This visit provided students with a firsthand understanding of **real-time power system operations, load dispatch management, and grid monitoring**. IEEE PES SBC MNIT Jaipur extended its sincere gratitude to Dr. Satish Sharma and **Prof. Rohit Bhakar** (faculty advisors) and **Ajay Kumar Verma** (Chair, SB chapter). A special thanks was given to **Mr. Kamal Patidar, SE, SLDC**, for hosting the students.



**MTech and PhD students** from MNIT Jaipur's Centre for Energy and Environment (CEE) embarked on a technical field visit to the State Load Dispatch Centre (SLDC) and Renewable Energy Management Centre (REMC) on **24 March 2025** in Heerapura, Jaipur.



Guided by **SLDC professionals**, students gained hands-on insights into real-time grid monitoring, fault detection, and **renewable energy integration**. The visit highlighted REMC's role in forecasting and scheduling Rajasthan's solar and wind power while ensuring grid stability.



Led by **Dr. Parul Mathuria** and **Dr. Amartya Chowdhury**, this visit reinforced MNIT's commitment to practical learning in the energy sector. Gratitude was extended to **SLDC** for hosting this insightful session.







# Faculty Achievements

## Department of Chemical Engineering

Expert Talk by **Dr. Md Oayes Midda (MNITJAS283)** of Chemical Engineering Department, has delivered three talks as mentioned below:

S. No	Title	Organization	Type	Dates	Chairman/Co-chaired
1.	Delivered an expert talk in a one-day Workshop on "Bioengineered Solutions for Clean Water: The Future of Wastewater Treatment"	Organized by the School of Applied Sciences, Suresh Gyan Vihar University, Jaipur	Workshop	19 March 2025	Expert Talk
2.	Delivered an expert talk in a FDP on "Outcome Based Education & Accreditation"	Jointly organized by LNMIIT Jaipur and EICT Academy MNIT Jaipur	FDP	3-12 March 2025	Expert Talk
3.	Delivered an invited talk in a STC on "Sustainable Technologies for Water Treatment"	Organized by the Department of Chemical Engineering, NIT Durgapur	STC	13-17 January 2025	Invited Talk



10 days FDP on "Outcome Based Education & Accreditation" (LNM Institute of Information Technology Jaipur)







## Department of Computer Science and Engineering

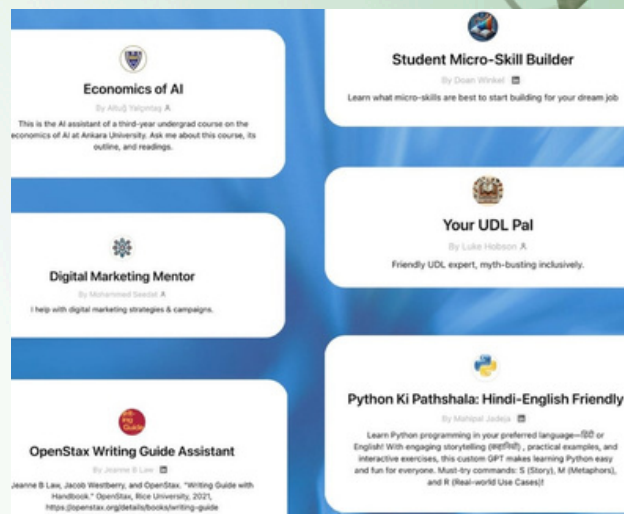
**Dr. Mahipal Jadeja**, Assistant Professor in the Departments of Computer Science and Engineering (CSE) and **Artificial Intelligence and Data Engineering (AIDE)** at MNIT Jaipur, has been inducted as a Collaborator at the Artificial Intelligence in Education at Oxford University (**AIEOU**) **Hub**. This interdisciplinary initiative, housed within the Department of Education at the University of Oxford, UK, is led by **Dr. Sara Ratner** and is dedicated to fostering ethical, research-informed, and human-centered AI in education.

As part of this global initiative, **Dr. Jadeja** is contributing to the development of personalized AI solutions aimed at enhancing knowledge acquisition, critical thinking, and equitable access to education. His work also involves active engagement with international stakeholders across **AIEOU's key focus** areas: design, regulation, implementation, and impact.



### Python Ki Pathshala GPT

**Dr. Mahipal Jadeja**, Assistant Professor in the Departments of Computer Science and Engineering (CSE) and Artificial Intelligence & Data Engineering (AI&DE) at MNIT Jaipur, achieved a significant milestone with his custom GPT model, **Python Ki Pathshala GPT**, being featured in OpenAI's official newsletter ChatGPT for Education.



Selected from over 160,000 custom GPTs and more than 35,000 education-focused models on the OpenAI GPT Store, the model stood out for its innovative approach to Python education. Remarkably, it is the first Indian-designed GPT to receive this global recognition—marking a proud moment for Indian contributions to AI in education and underscoring MNIT Jaipur's growing leadership in AI-enabled learning.

## Department of Management Studies

The Department of Management Studies at MNIT Jaipur proudly hosted the launch of the book **Business Ethics Essentials**, authored by **Dr. Ritika Mahajan**, a faculty member in the department, in collaboration with Vibrant Publishers.

The event featured engaging keynote sessions by distinguished speakers, including **Prof. Monica Sharma** (MNIT Jaipur), **Dr. Anirban Sengupta** (Founder & Director, SusStrat Advisory LLP), and **Prof. Manipadma Datta** (Chairperson, CBSR & Former Vice-Chancellor, TERI SAS). The speakers offered valuable perspectives on the evolving landscape of ethical business practices, emphasizing the relevance of ethics in today's dynamic corporate environment.





A dynamic Fireside Chat, moderated by **Ms. Pooja Baid Somani**, brought together insights from a range of sectors. The panel featured **Siddharth Choudhary** (Founder, Namoh Tandoori Chai), **Sumit Srivastawa** (Co-founder, Startup Chaupal), **Dr. Sudipti Arora** (Research Scientist, **Dr. B Lal Institute** of Biotechnology), and **Dr. Ritika Mahajan**, the author of the book.

*Business Ethics Essentials* explores real-world ethical dilemmas, posing compelling questions such as: Why does the wrong sometimes feel right? Why is doing the right thing often so difficult? Rather than prescribing rigid answers, the book encourages readers to reflect and develop their own ethical perspectives.

This publication represents a significant scholarly contribution and underscores MNIT Jaipur's ongoing commitment to thought leadership in the field of business ethics.







# Deanery Initiatives

## Rasayanik Abhiyantriki Taruamala

### Roots of Responsibility Initiative Launched Under Rasayanik Abhiyantriki Tarumala

On 17 March 2025, the Rasayanik Abhiyantriki Tarumala programme inaugurated a new site under the Roots of Responsibility Initiative, reinforcing a commitment to environmental conservation. **Prof. Manju Singh** welcomed the Tarumitras, emphasizing that tree plantation is more than just afforestation—it is an opportunity to instill accountability and scientific curiosity.



**Prof. Suja George** highlighted the ecological and medicinal significance of the **Kachnar tree**, emphasizing its unique value in biodiversity and traditional knowledge. **Prof. Narayana Prasad Padhy**, Director of MNIT Jaipur, shared his vision for collective action in promoting environmental sustainability, while **Dr. Sushant Upadhyaya** underscored the importance of sustained, long-term commitment to green initiatives.



As part of the program, **Tarumitras** were introduced to the Tree Health Monitoring System by **Srishti Saxena**. Under the leadership of Vartika Bothra, they pledged to nurture their assigned trees, followed by the signing of undertakings to formally affirm their commitment to environmental stewardship.





## Alumni Engagements

### Diamond Jubilee Alumni Meet – 9 March 2025

MNIT Jaipur hosted the Alumni Meet and felicitation ceremony for the **Diamond Jubilee batch (1965–1970)** on **9 March 2025** at Deeksha Sabhagar, Prabha Bhawan, MNIT Jaipur, in the presence of **Prof. Rakesh Jain** (Professor In-Charge, T&P), **Dr. Ashish Dutt Sharma** (President, MNITJAA), **Dr. Pawan Kalla** (Associate Dean, Alumni Affairs), **Shri Rakesh Kumar Singh** (Coordinator, 1970 Batch), and **Shri Mahendra Meena** (General Secretary, MNITJAA).



The ceremony began with a soulful **Saraswati Vandana** and **MNIT Kulgeet**, followed by floral welcomes, and speeches highlighting alumni mentorship and the institution's remarkable growth; 26 alumni along with their spouses were felicitated during the event. The gathering concluded with cultural activities, lunch, and a nostalgic campus tour that rekindled old memories and reflected on the institution's legacy.



### Alumni Award Ceremony – 22 March 2025

The **4th Alumni Award Ceremony** was held at MNIT Jaipur on **22 March 2025** to recognize the outstanding contributions of alumni across various fields, and the event was graced by **Prof. Narayana Prasad Padhy** (Director and Chairman BoG), **Shri Shiv Das Meena** (Guest of Honour), **Prof. Dilip Sharma** (Dean, International & Alumni Affairs), **Dr. Pawan Kalla** (Associate Dean, Alumni Affairs), and **Dr. Ashish Dutt Sharma** (President, MNITJAA).





## Alumni Engagements

A total of 17 alumni were felicitated under four award categories:

Distinguished Alumni Award was conferred upon **Prof. Anupam Shukla** (1987), **Prof. Nikhil Gupta** (1995), **Shri Satish Kumar** (1985), **Mitradutta Mohapatra** (1988), **Shri O. P. Gupta** (1988), and **Shri Brighu Srinivasan** (1990) for their professional accomplishments.

Young Achievers Award was awarded to **Dr. Amit Agarwal** (2009), **Dr. Satyanarayan Patel** (2012), **Shri Ravi Yadav** (2007), **Shri Parikshit Yadav** (2007), and **Dr. Gaurav Mittal** (2005).

MNIT Lifetime Achievement Award was presented to **Shri Arun Kumar Bahl** (1979), **Shri Navin Arora** (1978), **Shri Arjun Singh** (1978), **Shri Surendra Kumar Gandhi** (1973), and **Shri A. K. Khandelwal** (1985).

**Prof. V. Srinivasan Memorial Award** was bestowed upon **Prof. Deepak Vashishth**.

The ceremony concluded with the signing of an MoU by the 1979 alumni batch to contribute **Rs. 27 lakh** towards a scholarship fund for financially underprivileged students.







## Library Events and Workshops

### School Students' Visit Under Unnat Bharat Abhiyan

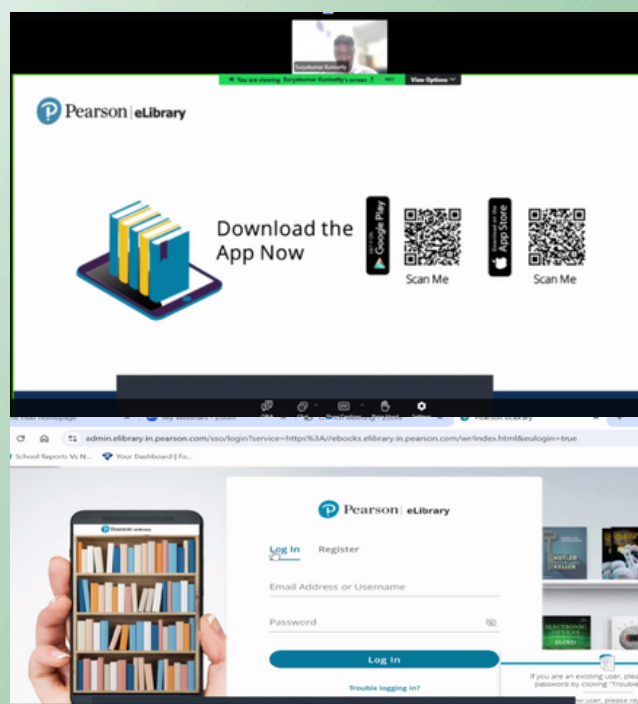
On **28 March 2025**, the Central Library had the privilege of hosting a group of **50 school students** from **Rajkiya Vidyalayas of Tamariya, Dhab Ka Nala, Pahariya, Bhoorthal, and Jirota**, accompanied by their teachers. The visit was organized under the **Unnat Bharat Abhiyan** initiative, aiming to provide young learners with exposure to advanced academic and technological environments. The session commenced with a warm welcome address by **Dr. Rishi Tiwari**, Librarian, who introduced the students to the wide range of resources and services available at the Central Library. The students were taken on a guided tour covering all major sections of the library. A highlight of the visit was the demonstration of the library's **RFID** system and smart circulation services. Students enthusiastically engaged with the staff, and their queries were addressed with detailed explanations. The visit left a lasting impression on the young visitors, inspiring curiosity and appreciation for academic resources.



### Online User Awareness Session: Pearson e-Library Orientation

On **19 March 2025**, an online training session titled "**Pearson e-Library User Orientation**" was organized by **Pearson Indian Education Services Pvt. Ltd.** to raise awareness and facilitate effective utilization of digital learning resources. The session was conducted via the **Zoom platform** and was attended by undergraduate and postgraduate students, as well as research scholars from the institute.

**Mr. Suryakumar Kunisetty** from Pearson began the session with a brief introduction to the **Pearson e-Library platform**. This was followed by an interactive hands-on demonstration, guiding participants on how to access and navigate the e-resources effectively. The session proved to be highly beneficial in enhancing digital literacy among users and promoting independent learning through trusted academic content.







## Club Activities and Workshops

### Panel discussion by ICC

A panel discussion was organised on **7 March 2025**, on the MNIT campus by ICC (Women's Cell) on "Leading by Example: Empowered Women," in which **Dr. Shobhita Rajagopal**, Former Professor, Institute of Development Studies; **Prof. Kanupriya Sachdev**, Dean Student Welfare, MNIT Jaipur; **Ms. Pinky Maheshwari**, Surprise Someone; and **Dr. Pallavi Tak**, Head, Acceleration & Insights, **ThinkAg**, were the panellists. The event was attended by around 75 participants, including faculty, staff members, and students from various departments. After the welcome by **Dr. Niraja Saraswat** (Member, ICC), the Presiding Officer of the ICC, **Prof. Nupur Tandon**, highlighted the role of the ICC (Women's Cell) at MNIT Jaipur in ensuring women's dignity, safety, and well-being in the Institute and introduced the topic of the panel discussion, emphasizing both the need for women's voices to be heard and for their representation in decision-making spaces. The panellists discussed pertinent issues related to the theme.







## Limitless Ability Club

MNIT Jaipur proudly inaugurated the **Limitless-Ability Club** on **7 February 2025**, a groundbreaking initiative to foster inclusivity and empower specially-abled students. The club, inaugurated by **Director Prof. Narayana Prasad Padhy**, was an integral part of the Cultural Society at MNIT Jaipur. Established through the dedicated efforts of Dean Student Welfare, **Prof. Kanupriya Sachdev**, and a visionary proposal by **Dr. Meenakshi Tripathi**, Associate Dean (Cultural), the club offered a platform for specially-abled students to showcase their talents and actively participate in cultural and creative activities. The event featured inspiring performances by the club's students, including poetry, harmonium renditions, and more, leaving the audience in awe. Grateful students extended heartfelt thanks to **Prof. Narayan Prasad Padhy** for his unwavering support. This initiative reflected MNIT Jaipur's commitment to inclusivity, empowerment, and celebrating abilities without limits.







## The Energy Club

The Energy Club at MNIT Jaipur celebrated **National Science Day** with a short film screening titled “**Raman Effect: Nai Kiran ki Khoj,**” commemorating the pioneering scientific contributions of **Dr. C.V. Raman**. The film traced **Dr. Raman’s journey**—from his early work in acoustics to his groundbreaking, Nobel Prize-winning discovery of the Raman Effect.

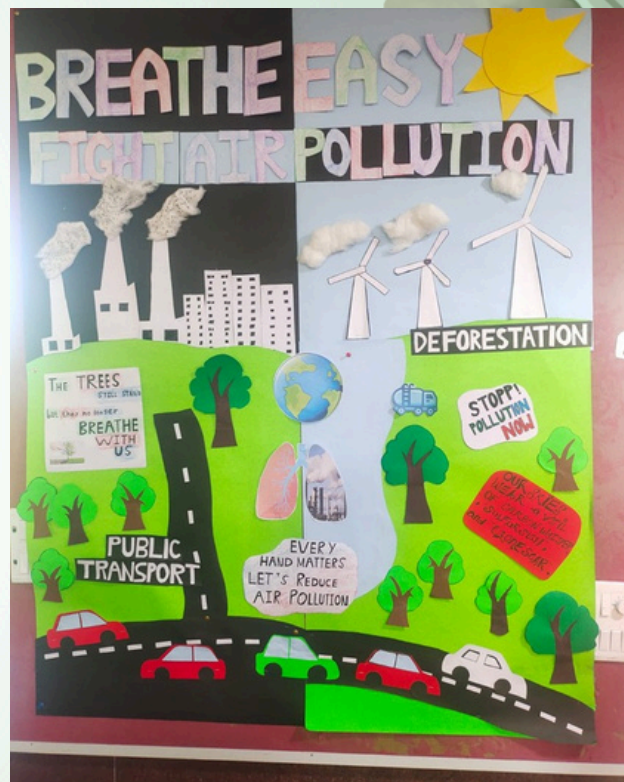
The event served as a source of inspiration for students, encouraging them to recognize and appreciate the enduring impact of Indian scientists on modern research and technological progress.



## Music Club

### Earth Hour Jamming Session

In support of environmental awareness initiatives led by the Dean, Student Welfare, MNIT Jaipur, the Music Club hosted a soulful Jamming Session at the Open Air Theatre on **22 March 2025** coinciding with Earth Hour. Students gathered to celebrate the spirit of sustainability through music, as campus residents were encouraged to switch off lights and appliances for an hour. The event blended creativity with consciousness, emphasizing on the importance of collective action in addressing environmental issues. The evening was part of a broader series of activities coordinated by **Dr. Nivedita Kaul** from the Department of Civil Engineering.







## Visits to MNIT Jaipur: Exploring Science & Knowledge

### Visit by University of Saskatchewan Delegation – 17 to 19 March 2024

A delegation from the College of Engineering, University of Saskatchewan, Canada, visited MNIT Jaipur from 17 to 19 March 2024 for renewal of an academic MoU. The team included **Dr. Michael Bradley** (Dean), **Dr. Ajay Dalai**, and **Dr. Venkatesh Meda**, who were joined by **Prof. N. P. Padhy** (Director, MNIT), **Prof. Dilip Sharma**, **Dr. Perna Jain**, **Dr. Satyendra Prasad Chaurasia**, and **Dr. Sushant Upadhyaya** during the MoU signing ceremony on 18 March 2024. The renewed MoU enables student/faculty exchanges, joint research, academic projects, and further collaborative opportunities between both institutes.



### Expert visit at MNIT Innovation & Incubation Center (MIIC )

**Shri Rajesh Kumar Pathak**, Secretary, Technology Development Board (TDB), Government of India, visited the **MNIT Innovation & Incubation Center (MIIC)** on 17 February 2025. During the visit, he interacted with several incubatees, gaining valuable insights into their innovative solutions and entrepreneurial ventures. He also provided an overview of **TDB's** initiatives aimed at supporting startups and strengthening India's startup ecosystem. The session underscored the ongoing efforts to foster collaboration between academia, industry, and government, creating an enabling environment for entrepreneurship and technological advancement. Discussions focused on enhancing partnerships and extending support to emerging innovators, contributing to the nation's technology-driven growth.







## Visits to MNIT Jaipur: Exploring Science & Knowledge



### Visit of NISE Officials to CEE

- On **4 March 2025**, the Centre for Energy and Environment (CEE), MNIT Jaipur, hosted **Dr. Jai Prakash Singh**, Deputy Director General, and **Dr. Anish Malan**, Deputy Director (Technical), from the **National Institute of Solar Energy (NISE)**, Ministry of New and Renewable Energy (MNRE), Government of India.
- The visit featured discussions on **collaborative opportunities**, advancements in **solar energy technologies**, and prospects for future partnerships. This interaction marked a significant step in strengthening MNIT Jaipur's engagement with national institutions to foster innovation and sustainability in the renewable energy sector.



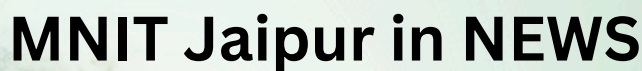
### Visit of M.Sc. Chemistry students from Shekhawati College, Sikar

A group of **M.Sc. Chemistry students** from **Shekhawati College, Sikar** visited the Department of Chemistry on **4 April 2025**. The visit included lab tours, interactive sessions with faculty, and exposure to ongoing research activities, providing the students with valuable academic and practical insights.









11:55, 1:54 PM DRDO DG Dr. LC Mangal reached MHT Jaipur (एनएलसीएल जापुर पहुंचे डीआरडी के डीसी जी. एलसीएमंगल)। एनएलसीएल जापुर के डीसी जी. एलसीएमंगल और एनएलसीएल जापुर के डीसी जी. एलसीएमंगल

## एमएनआईटी-एनएफसी के बीच एमओयू

**एमएनआईटी जयपुर पहुंचे डीआरडीओ डीजी डॉ. एतसी मंगल:** रक्षा क्षेत्र में नवाचार और सहयोग को मिलेगा नया आयाम, डीआईए-सेंटर ऑफ एक्सीलेंस के साथ जोड़ने की जताई उम्मीद

જાણકાર ૨૧ મીઠે વાહલે

सचिव डॉ. स्वाति शर्मा ने सम्मेलन के महत्व को रेखांकित करते हुए प्रतिभागियों का स्वागत किया। सम्मेलन के अध्यक्ष और एमएमई विभागाध्यक्ष प्रो. आरके गोयल ने सम्मेलन के विषय और उद्देश्यों पर विस्तार से प्रकाश डाला। सम्मेलन के दौरान मुख्य अतिथि ने विशेष रूप से अंतरिक्ष अनुसंधान और परमाणु ईंधन के लिए उन्नत स्थायी सामग्रियों के विकास के महत्व पर जोर दिया। इस आयोजन की एक विशेष उपलब्धि एमएनआईटी जयपुर और न्यूक्लियर फ्यूल कॉम्प्लेक्स (एनएफसी) के बीच समझौता ज्ञापन (एमओयू) पर हस्ताक्षर किया।

कार्यक्रम में प्रो. एनपी पाधी, अध्यक्ष कार्यवाहक और निदेशक एमएनआईटी और प्रो. भुवनेश गुप्ता, अध्यक्ष, एशियन पॉलिमर एसोसिएशन भी मौजूद रहे। आयोजन

MNIT training teachers of PM-SHRI schools in AI - Times of India

Printed from  
**THE TIMES OF INDIA** Mar 19, 2025

MNIT training teachers of PM-SHRI schools in AI

TNN | Mar 19, 2025, 12:20 AM IST

Jaipur: Malviya National Institute of Technology (MNIT) Jaipur, along with IIT Delhi, is training govt school teachers from PM SHRI schools on how to use artificial intelligence, with an emphasis on its application in hardware. Officials said that the aim of this training is to enable teachers to go beyond the syllabus and help students experiment, bridging the gap between emerging technologies and academic pedagogy. As part of the training, teachers are being taught to use artificial intelligence beyond just software and encourage students to create devices like robotics.

Department of Chemical Engineering, MNIT Jaipur, in collaboration with the I-Hub Foundation for Robotics (IHFC), IIT on Monday. "This specialized training program aims to enhance the skills of TGTs from PM SHRI Kendriya Vidyalaya Schools across provide skill enhancement. TNN

<https://timesofindia.indiatimes.com/city/jaipur/nbt-training-teachers-of-pm-shri-schools-in-all/articleshowprint/119175536.cms>

राष्ट्रीय राष्ट्रीय प्रौद्योगिकी संस्थान (एमआईआईटी), जयपुर में रक्षा अनुसंधान एवं विकास संगठन (डीआरडीओ) के निदेशक जनरल (टेक्नोलॉजी मैनेजमेंट) डॉ. एल.सी. मंगल द्वारा करने पहुंचे। जानकारी के अनुसार यह दौरा अनुसंधान, नवाचार और संस्थागत सहयोग को सुदृढ़ करने की दिशा में एक महत्वपूर्ण हदम साबित होगा।

अस अवसर पर एमएनआईटी के निदेशक प्रो एनपी पाटी और अनुसंधान एवं परामर्श अधिष्ठाता प्रो. तब भर्मा साथ एक प्रोडक्टिव मीटिंग आयोजित की गई, जिसमें रक्षा क्षेत्र से जुड़े अनुसंधान व तकनीकी विकास पर चर्चा चर्चा हुई।

क्षेत्र में मॉडर्न समाधान होंगे केंद्र में

प्र. एल.सी. मंगल ने इस दोरे के दौरान सुझाव दिया कि एमएनआईटी जयपुर को डीआईटीओ के किसी प्रो.आईएफ-सेक्टर ऑफ एम्प्लॉयमेंट (DIA-COE) के साथ जोड़ा जा सकता है, जिससे संस्थान रक्षा और सुरक्षा क्षेत्र में मोडर्न समाधानों पर काम कर सके। उन्होंने विभिन्न अनुसंधान परियोजनाओं पर साक्षात्कारों प्रस्तुत करते हुए अभ्युत्पन्न परियोजनाओं की संभावनाएँ तलाशने पर बल दिया।

और छात्रों को cutting-edge प्रौद्योगिकियों से जोड़ने में सहायक सिद्ध होगी।

[https://www.bhaskar.com/local/gajpathar/pipernewsidho-dig-dig-mangal-mached-erib-piper-154879665.html?\\_branch\\_match\\_id=14485683702108](https://www.bhaskar.com/local/gajpathar/pipernewsidho-dig-dig-mangal-mached-erib-piper-154879665.html?_branch_match_id=14485683702108)



વિશેષ ગરિમા શુક્રવાર 4 અપ્રેલ 2025 3

**एमएनआईटी में पीएम श्री केवीएस पीजीटी के लिए आर्टिफिशियल इंटेलिजेंस और कोडिंग विषय पर प्रशिक्षण कार्यक्रम**

विशेष गरिमा

**जयपुर।** राजस्थान सरकार के होस्टेल्स सचिव वी. सरवण कुमार ने एमएनआईटी जयपुर के सहाय्य से आदर्शचरमसी द्वारा आयोजित पीएम श्री केवीएस के पीजीटी के लिए इंटीफिशियल इंस्टिट्यूट्स और कॉरिंग विषय पर प्रशिक्षण कार्यक्रम का उद्घाटन किया। इस प्रशिक्षण कार्यक्रम में राजस्थान राज्य के लगभग 55 पीजीटी भाग ले रहे हैं। इस कार्यक्रम का उद्देश्य शिक्षकों को माइक्रोकंप्यूटर, सेसर और मशीन लर्निंग के विषय में व्यावहारिक अनुभव प्रदान करना है।

साथ ही, इस कार्यक्रम के हिस्से के रूप में, प्रतिभागी विज्ञान और

A photograph showing four men seated behind a long table during a panel discussion. The table is decorated with a garland of yellow and orange marigold flowers. From left to right, the men are: a man in a dark shirt, a man in a light green shirt, a man in a light blue shirt, and a man in a light grey shirt. There are water bottles and some papers on the table in front of them.

इजीनियरिंग अन्वेषण (एसईई) पहल के तहत अत्याधुनिक प्रयोगशालाओं का भी दौरा करेंगे और वास्तविक दुनिया को चुनौतियों के लिए अभियन्ता समाधान बनाने के लिए टीम-उन्मुख परियोजनाओं में शामिल होंगे। यह पहल राष्ट्रीय शिक्षा (एनईपी- 2020) के अनुरूप है, नवाचार से प्रेरित शिक्षा को बढ़ा देती है और अत्याधुनिक तकनीकों साथ कक्षा के अनुभवों को बढ़ाने लिए शिक्षकों को सशक्त बनाती है।

होंगे। यह पहल राष्ट्रीय शिक्षा नीति (एनईपी- 2020) के अनुरूप है, नवाचार से प्रेरित शिक्षा को बढ़ा देती है और अत्याधुनिक तकनीकों साथ कक्षा के अनुभवों को बढ़ाने लिए शिक्षकों को सशक्त बनाती है।

एम्पनआईटी के सार्व और कंसलैसी के जीन प्रो. लव भर्मा ने पार्लियामेंट को हमसपर किया और इन इन्फॉर्मेट टॉपिक से जुड़े इंसोस को हाइलाइट किया।

10 सप्तमिका  
जयपुर, शुक्रवार, 4 अप्रेल, 2025

**मालवीय राष्ट्रीय प्रौद्योगिकी संस्थान में प्रशिक्षण कार्यक्रम का आयोजन**  
**शिक्षकों को मिली सेंसर और मशीन लर्निंग की जानकारी**

**जयपुर @ पत्रिका प्लस. मालवीय राष्ट्रीय प्रौद्योगिकी संस्थान (एमएनआईटी), जयपुर में आर्टिफिशियल इंटेलिजेंस और कोडिंग विषय पर प्रशिक्षण कार्यक्रम का आयोजन किया गया।**

कार्यक्रम का उद्घाटन राजस्थान सरकार के डीएसटी सचिव वी. सरवण कुमार ने किया। कार्यक्रम का उद्देश्य

शिक्षकों को माइक्रोकंट्रोलर, सेंसर और मशीन लर्निंग के विषय में व्यावहारिक अनुभव प्रदान करना है। प्रतिभा विज्ञान और इंजीनियरिंग अन्वेष

(एसईई) पहले के तहत अत्याधुनिक प्रयोगशालाओं का दौरा भी करेंगे। साथ ही वास्तविक दुनिया की चुनौतियों के लिए अभिनव समाधान विकसित करने के लिए टीम-उन्मुख परियोजनाओं में शामिल होंगे। यह पहल राष्ट्रीय शिक्षा नीति (एनईपी-2020) के अनुरूप है, जो नवाचार से प्रेरित शिक्षा को बढ़ावा देती है।

## फिनटेक नवाचार और डिजिटल वित्तीय प्रथाओं पर अंतर्राष्ट्रीय सम्मेलन

[illegible]

 **दैनिक मृदुल पत्रिका**  
रविवार, २२ मार्च, २०२५ ३

## एमएनआईटी जयपुर ने किया एमओय



जयपुर (मृदुल पत्रिका)

एम्पनआईटी जयपुर को कॉलेज ऑफ इंजीनियरिंग, यूनिवर्सिटी ऑफ सऊदिय चखान, सास्काहून, कनाडा और एम्पनआईटी जयपुर, के बीच समझौता जमाने (एमओयू) पर हस्ताक्षर किए जा रहे हैं।

पर साथ-साथ समझाते जायें (ए.एन.ए.)  
पर सफाईकर्तृक हस्तक्षेप करने  
की घोषणा करने हुए थर्ड मायूस हो  
रहा है। अण्डियस (आईसी), बीओजी  
और एम्पाएआई जैसी जयपुर के  
निदेशक, प्रोफेसर एन.पी. पांडे और  
डॉ. माकल बैडली, सी.डी. कॉलेज  
ऑफ़ ईन्जीनियरिंग में समझौता

49





## Wellness Corner

Understanding **Mental Health**: What is the difference between a disease and a disorder?

**Mental health** may sometimes feel confusing. For instance, one may mix up “**disease**” and “**disorder**,” but they mean different things. A disease usually has a clear cause and visible signs, like diabetes or infections. Doctors often confirm it with tests. A disorder, especially a mental health disorder, affects how we think, feel, or behave. Its cause may be unclear, and there might not be a medical test for it. Examples include anxiety, depression, or bipolar disorder. Just because one can’t see it, doesn’t mean it isn’t real. Sadly, mental health conditions are often misunderstood as signs of weakness or attention-seeking. But this is not the case. Someone with depression isn’t lazy; their brain may be dealing with chemical imbalances. Someone with anxiety isn’t overreacting; they’re often living in a constant state of perceived danger. Someone with **OCD** isn’t just picky; they’re trying to cope with internal distress.

If you’re struggling, remember you are not alone. We at the **Wellness Club** are here to support you. In case you are looking for confidential help, the Government of India has launched **Tele MANAS**, a free **24/7 national mental health helpline**. It connects you to counsellors and mental health professionals across the country, offering help in many Indian languages. You may connect at **14416** for confidential support.

Reaching out is a sign of strength, and together we can break the stigma around mental health.

**Wellness Club, MNIT Jaipur**

**Contact: [coordinator.wellness@mnit.ac.in](mailto:coordinator.wellness@mnit.ac.in)**







## Kulgeet

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 ॥3॥

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 :

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कवि, आलोचक, निबंधकार एवं संपादक ।

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