



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



MNITJ NEWS

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Vision



To create a centre for imparting technical education of international standards and conduct research at the cutting edge of technology to meet the current and future challenges of technological development.

Mission



To create technical manpower for meeting the current and future demands of industry: To recognize education and research in close interaction with industry with emphasis on the development of leadership qualities in the young men and women entering the portals of the Institute with sensitivity to social development and eye for opportunities for growth in the international perspective.

From the Director's Desk



Dear Readers,

I welcome you to peruse the quarterly issue of MNITJ and congratulate the editorial team of the newsletter on their meticulous compiling of campus activities. The unwavering commitment and intent to produce high-quality content is nothing short of commendable and I wish them continued success. With the advent of digital media, we have embraced new possibilities and have harnessed this development to bring you a fresh and innovative issue.

Reflecting on the last quarter, I am reminded of the numerous achievements and endeavours that have made our college community proud. From groundbreaking research in various technical fields to outstanding performances in cultural events, our students have consistently performed excellent. Our faculty members have also brought laurels to the college by contributing to research and innovation. The institute takes pride in the fact that our faculty members have published research papers in prestigious journals and have received funding for their projects. The dedication and perseverance of our faculty members have not only contributed to the growth of the institute but also to the development of the society at large.



The multifaceted activities and diverse programmes at MNIT aim at turning MNIT students into versatile professionals, equipped with necessary knowledge and skill. We, at MNIT, strive to realign education and research in close interaction with industry, with an emphasis on developing leadership qualities in our young men and women, enabling them to contribute to social development and grow with a diverse perspective.

As we look forward to another year of learning and growth, I urge all of us to continue to strive for excellence in all our efforts. Let us remain committed to our shared values of academic excellence, innovation, and social responsibility, and work towards building a brighter future for ourselves and nation at large.

Prof. N.P. Padhy
Director, MNIT



DEPARTMENT NEWS

Department of Chemical Engineering

- Dr. U.K. Arun Kumar received a core research grant of Rs. 43.95 Lacs for his “Design and Development of Energy Efficient Microchannel Based Recovery Unit for Fermentation and Active Pharmaceutical Ingredient (API) Production” project. The Science and Engineering Research Board is funding the project.
- Dr. Dipaloy Datta delivered an invited expert lecture on “Application of Solvent Impregnated Resins for the Treatment of Wastewater” as a panelist for the IEI Technical Webinar on Modern Approaches in the Field of Waste Water Treatment. It was organized by the Institution of Engineers (India), Tripura State Centre, under the aegis of the Chemical Engineering Division Board on 05 April 2023.
- The department organized a National Faculty Development Programme on the topic “Advances in Infrastructure Interventions for Safe Storage, Handling, and Transportation of Petroleum Products” from 30 January to 10 February 2023.
- The department has made significant contributions to the research field by publishing in six journals. Notably, four of these journals were in the category of SCI, while the other two were published in the category of SCOPUS.



Department of Chemistry

- Dr. Meena Nemiwal is working on a beneficial project that focuses on the medicinal chemistry of natural products from selected Indian medicinal plants to discover potential anticancer agents. She is working with Dr. Venu Sharma on the same project. The project is funded by DST, New Delhi, with a grant of 12.96 Lacs and is expected to continue from 2023 to 2024.
- Dr. Pawan Rekha is leading a project that focuses on the acid-base bifunctional nanoporous hybrid catalyst for chemical fixation of CO₂. This project is funded by the DST-SERB with a grant of 47.52 Lacs and is expected to continue from 2023 to 2026 with a running tenure of around 3 years.
- Dr. Meena Nemiwal is working on a project that is based on the analysis and finding a sustainable solution for toxic metal-ion pollutants in water. This ambitious project is funded by the Ministry of Housing and Urban Affairs, Government of India, with a grant of 27.81 Lacs and is expected to continue from 2023 to 2025.



Department of Civil Engineering

- The department organized an expert talk on 20 February 2023 titled as "Waste Management in Mumbai: Role of Government and Citizens". It was delivered by Dr. Milind Kulkarni, Director of Prakruti Education & Research Foundation and Prachi Services Inc., Mumbai.
- MNIT Jaipur, in association with the Ministry of Road Transport and Highways (MoRT&H) and Indian Roads Congress (IRC), organized a "15-Days Certification Course for Road Safety Auditors" from 10 to 24 March 2023 as per the course content prepared by MoRT&H for the requirement of Road Safety Auditors. The course offered an excellent opportunity for Engineers, Consultants, Practitioners, Researchers, etc. to enhance their knowledge and skills and certify themselves in the domain of Road Safety Engineering and Auditing.



- The Society of Civil Engineers organized a debate competition and a session for B.Tech. students on 18 March 2023. The subject of the debate was "Women's participation in the industry". Mementos were distributed to the winners and judges.

- The Society of Civil Engineers organized a two-days AUTOCAD workshop for beginners and B.Tech. students from 1 to 2 April 2023.
- Mr. Jeyannathann Karunanithi, Regional Operations Manager, International Water Association, Chennai, delivered a lecture titled "Opportunities for Young Water Professionals in WASH sector paradigm and Role of IWA in achieving SDG6 targets". The lecture was held on 19 April 2023.
- Dr. Deepak Kashyap, former Professor, Department of Civil Engineering, IIT Roorkee delivered an expert talk titled "Aspects and Prospects of Groundwater Development and Management" on 20 April 2023. His major specializations include Water Resources/Hydrology/Groundwater. Dr. Kashyap presented an overview of historical background as well as future possibilities in the field of groundwater modelling. The talk proved beneficial for the audience.



- To celebrate the occasion of "World Water Day" on 22 April 2023, many competitions were organised by the department. Events of Slogan competition and PPT presentation were held for undergraduate and postgraduate students. A guest lecture by Mr Satish Jain, Executive Engineer, PHED was also organised for the



students. Dr. Nivedita Kaul, Associate Professor, dept. of Civil Engineering, coordinated the events.

Department of Computer Science and Engineering

- Dr. Mushtaq Ahmed, Associate Professor, was invited to be a panelist at the International Symposium on “Cybersecurity and its career prospects” held at the University of Engineering and Management, Jaipur on 20 January 2023.
- Dr. Mushtaq Ahmed presented a research paper titled “New Fuzzy Logic Based Hybrid Overlay (NFLHyO) in P2P Live Streaming” at the 5th International Conference on Communication and Computational Technologies (ICCCT 2023), jointly organized in hybrid mode by Rajasthan Institute of Technology, Jaipur and Soft Computing Research Society, from 28 to 29 January 2023.
- Dr. Mushtaq Ahmed was invited as a member of the jury in the “Forensic Hackathon 2023” held at National Forensic Sciences University, Gandhinagar from 1 to 4 February 2023.
- Dr. Mushtaq Ahmed presented two research papers titled “Deep Learning with Encoders for Intrusion Detection Systems” and “An Expert System for Analyzing the Behaviour of Students in the Higher Education” at the “International Conference on Emerging Computation Intelligence” (ICECI 2023), held on 11-12 February 2023 at Aligarh Muslim University (AMU), Aligarh, Uttar Pradesh, India. It was organized by the Department of Computer Science of Aligarh Muslim University.
- Dr. Mushtaq Ahmed was invited as an expert speaker in the “State Level Awareness Workshop on e-Governance Standards and Guidelines” organized by the Center for Development of Advanced Computing, Pune. The workshop was held from 3 to 4 March 2023.
- Dr. Mushtaq Ahmed, Associate Professor, Department of Computer Science, MNIT Jaipur, presented a research paper titled “An Efficient Hybrid MPI-OpenMP Based Parallel Approach for Longest Common Subsequence” at the “27th Annual International Conference on Advanced Computing and Communications” (ADCOM 2022), held from 9 to 11 March 2023 at Bangalore.
- Dr. Mushtaq Ahmed was invited as a speaker in the FDP on “Intelligent Computing and Communications,” held at Banasthali Vidyapith, Jaipur from 8 to 13 April 2023.
- Dr. Namita Mittal is working on a project funded by the Regional Academic Centre for Space, Indian Space Research Organization (ISRO-RACS), and the Department of Space. Her team is developing a user-friendly chatbot system that will serve as an interface for information extraction in natural language processing. This innovative project has been granted Rs. 25.30 Lacs and is expected to continue from 2023 to 2026.
- Dr. Arka Prokash Mazumdar is heading a project on “Scalable and energy-aware robust recommendation aggregation in Internet of Things (IoT) Trust Management”. The Data Security Council of India has granted Rs. 4.72 Lacs to fund this project, which is expected to be completed by 2023.



Department of Electronics and Communication Engineering

- Dr. Sarthak Singhal, Assistant Professor, presented a research paper titled “Circularly Polarized Ultrawideband Antenna for 5G and Satellite Applications” at the International Conference on Microwave, Antenna and Communication “ (MAC2023), held at MNNIT Allahabad from 24 to 26 March 2023.
- Dr. Amit Mahesh Joshi received a grant of Rs. 18.62 Lacs for the project titled “Onboard spectral pre-processing for multispectral image compression using Field Programmable Gate Arrays (FPGAs)” by the Indian Space Research Organisation (ISRO).
- Dr. Satyasai Jagannath Nanda received the Nations Young Scientist Award for Second SCO-YSC (Shanghai Cooperation Organisation – Young Scientist Award) in the field of Artificial Intelligence and Big Data Analysis. The Department of Science and Technology, Government of India, and JNCASR, Bengaluru conferred him the award.



- The Optica Student Chapter of MNIT Jaipur recently visited CEERI Pilani, BITS Pilani, and Aksh OptiFibre Ltd. from 3 to 4 March 2023.



Department of Humanities and Social Sciences

- “The Vigilance Week Debate Competition” was organized on 27 January 2023 by Dr. Dipti Sharma, Dr. Deepak Bharti, and Sh. Birendra Pandey. The aim of the event was to promote awareness about the importance of vigilance in our day-to-day lives. The judges for the event were experts in the field of vigilance and ethics who evaluated the participants based on their arguments, presentation skills, and knowledge of the subject matter. Overall, the competition was a great success in achieving its objective of promoting vigilance and ethics.
- DoHSS, in collaboration with the Department of Architecture and Planning, organized a two-day workshop from 24 to 25 January 2023, on “Enhancing gender responsiveness: a discussion on the technology sector and urban planning practices”. The workshop aimed to discuss the gendered usage of public spaces, the safety of women in urban areas, women’s access to essential services in low-income urban neighborhoods, livelihood issues among the urban poor migrant women, violence against women (VAW), and accessibility issues in low-income



communities. The invited resource person for the workshop was Dr. Surabhi Mehrotra. Students and faculty members actively participated in the workshop and deliberated upon the various dimensions related to gender. Prof. Nupur Tandon, Dr. Nidhi Bansal, and Dr. Yash Kumar Mittal organized the workshop.



- The department organized an expert lecture on “Canadian Multiculturalism and Nation Building” on 13 February 2023. The invited resource person for the lecture was Prof. Braj M. Sinha, Professor of Religious Studies at the University of Saskatchewan, Canada. He emphasized the need to create an inclusive environment where everyone feels welcomed and appreciated, regardless of race, ethnicity, or religion. Faculty members and students actively participated in the session and reflected on the diversity of perspectives and experiences. Dr. Dipti Sharma and Dr. Nidhi Bansal coordinated the lecture.



Department of Mathematics

- The department recorded a total of 11 placements for M. Sc. Mathematics students in the academic year 2022-23. Among the final year M. Sc. students, three qualified for the Graduate Aptitude Test in Engineering (GATE).
- The Placement Club of the department organized “Placement Diaries Chapter 3” on 19 January 2023, to enhance placements among the M. Sc. students of the institute. Mr. Sagar Surya Saxena, an educator at Unacademy, addressed the session. The event was successful with the participation of 165 students. Mr. Saxena gave a detailed explanation of the criteria about most of the EdTech companies and shared insights into the different rounds that happen during placements. He also shared tips on how to prepare for the placement, and how to deal with questions and important topics that might be asked in an interview. Dr. Priyanka Harjule coordinated the event.



- Dr. Ritu Agarwal, Assistant Professor, delivered an invited talk on “Boundary Behavior of Power Series in Bicomplex Space” at the “National Conference on Recent Advances in Relativity, Cosmology, and Complex Analysis” held at Mohanlal Sukhadia University, Udaipur, from 27 to 28 March 2023.

Department of Mechanical Engineering

- The Department organized a National Faculty Development Programme on “Digital Supply Chain and Logistics 4.0” at MNIT Jaipur from 16 to 27 January 2023.
- The Department organized an International Conference on “New Vistas of Development in Aerospace Engineering and Societal Development” at the Institution of Engineers (India), Rajasthan State Centre, Jaipur from 7 to 9 April 2023.
- Researcher Shamsher Singh and Dr. Harlal Singh Mali were awarded a design patent on “Clubfoot Correction Orthosis”, Reg.No.

377854-001 [Controller General of Patents, Designs & Trademarks (CGPDTM)] on 23 January 2023.

- Dr. Harlal Singh Mali, Prof. APS Rathore, Mahendra Singh Shekhawat, Arvind Rathore, Sagar Kartik were granted patent on “EDM Assisted Centreless Grinding Machine for grinding lesser Stiff Cylindrical Components”, Reg.No. 419268 and 201611027415 [Controller General of Patents, Designs & Trademarks (CGPDTM)] on 25 January 2023.
- Dr. Jinesh Kumar Jain, Vishal Bhojak, Tejendra Singh were awarded the patent on “Fixture attachment for the conventional lathe to remove exit pinhole defect in friction stir process”, Reg. No. 202311013839 [Controller General of Patents, Designs & Trademarks, Govt. of India] on 1 March 2023.

Department of Metallurgical and Materials Engineering

- Dr. Kunal Borse, Ishwar Sharma, and Gaurav Kumawat filed a patent titled “A Method and an Apparatus for Simultaneously Performing Dip Coating on Multiple Substrates” with Reg. No. 202311027556 at the Patent Office, India, on 13 April 2023.
- Dr. Kunal Borse, Ishwar Sharma, Prof. R. K. Goyal, AK Vinay Kumar, Biddika Lokesh, J. Sai Ram, Karra Machender, P. Prathyusha, and N. Akshaya filed a patent titled “A Water-Based CZTS Particles and Process of Preparing the Same” with Reg. No. 202311008628 at the Patent Office, India on 10 February 2023.
- Dr. Kunal Borse, Ishwar Sharma, Prof. R. K. Goyal, AK Vinay Kumar, Biddika Lokesh, and Hemant Gulupalli filed a patent titled “A Method to Improve Corrosion Resistance and Reduce Corrosion Rate in Mild Steel” with



Reg. No. 202311008500 at the Patent Office, India, on 09 February 2023.

- Dr. Kunal Borse, Assistant Professor, received approval from RAC-S ISRO, MNIT for a Research and Development project titled “Development of a novel method for the synthesis of printable CIGS ink for solar photovoltaic”.
- Dr. Kunal Borse received approval from INUP, IIT Delhi, for a research and development project titled “Synthesis and characterization of CZTSe thin film deposited by electroless plating method for solar cell applications”.

Department of Physics

- Dr. Debasish Sarkar, Assistant Professor, MNIT Jaipur, along with Dr. D. D. Sarma, and Dr. Ashok Shukla were granted a patent on “Substrate Integrated Nanostructured Nickel-iron Ultra-battery”, Reg.No. 422547 [Indian Patent Office] on 21 February 2023.

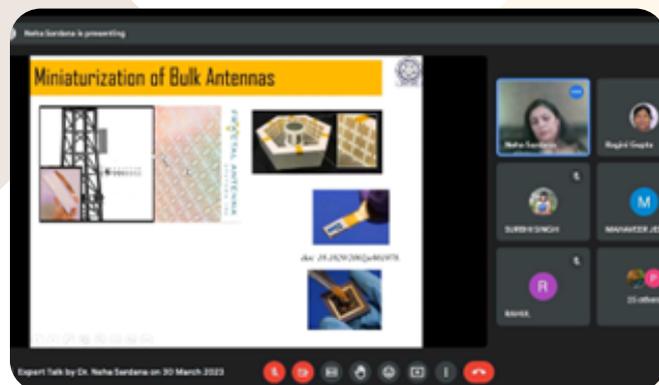
Center for Energy and Environment

- Research project headed by Dr. Vivekanand, titled “Indo-Russia Enhancing the efficiency of clean energy production by intensifying anaerobic bioconversion of organic waste using solar energy” received funding of 74.89 lakhs for the period 2023-2026, from the Department of Science and Technology, Government of India.

Materials Research Centre

- An Expert talk was organized on “Novel Hybrid Hydrogels of Protein for Bioprinting, Chronic Wound Healing and UV Protection of Skin” on 31 January 2023. The speaker, Dr. Avanish Singh Parmar, Associate Professor, Department of Physics, IIT(BHU), spoke about biomolecules and specific proteins needed to

develop functional materials. He discussed that specific biomolecules and proteins could be utilized for Bioprinting, wound healing, and could be applied on the skin for UV protection.



- On 30 March 2023, an online expert talk was organized on “The Exotic World of Metamaterials”. The speaker, Dr. Neha Sardana, Assistant Professor, Department of Metallurgical and Materials Engineering, IIT Ropar, spoke on the fabrication, characterization, and application of metamaterials in various emerging fields.
- Ms. Vanshikha Dixit, M. Tech. second-year student, was offered an internship offer from Tata Steel Ltd. for a period of six months with a monthly stipend of Rs. 62000/-
- The research project headed by Prof. Kanupriya Sachdev, titled “Performance exploration of LTMO and vertically aligned MWCNT on graphene material for efficient and sustainable Na-Ion batteries”, received funding of Rs 25 Lakhs by ISRO.

Republic

Celebrations at



Day '23

MNIT Jaipur





National Centre for Disaster Mitigation & Management

- Numerous committee members, engineers, professors, and notable figures, known for their pioneering work in engineering, visited the National Earthquake Testing Facility (NETF) during January and February. Additionally, a team of engineers from Tata Consulting Services and the Pune Municipal Corporation visited the NETF on 10 February 2023 to discuss disaster mitigation and management systems.
- Prof. Rangan Banerjee, Director IIT Delhi, also visited the NETF site on 22 February 2023. He interacted with the center's members and examined various facilities provided by the center.





CAMPUS BUZZ

- MNIT Jaipur signed a national MoU with The Art of Living (AOL) on 18 January 2023, with the objective of imparting yoga for the “Youth Empowerment and Skill Programme” for students, members of faculty and staff. The MoU shall be effective for a period of three years.
- Dr. Rishi Tiwari, Librarian, MNIT Jaipur, was awarded the “ILA-Kaul Best Librarian Award 2022” by the Indian Library Association at the three-day 68th Annual International Conference on Re-engineering of Libraries in the Context of Emerging Technologies, held from 19 to 21 January 2023, and organized by the Indian Library Association (ILA) at JLN Medical College, Ajmer.
- Ms. Simran Luthra, Licensed Clinical Psychologist (A) and Founder of Happy Talk Therapy, organized a workshop on mental health awareness and sensitization titled 'I am a Monkey' on 27 January 2023, as part of the student wellness initiatives by the Dean Student Welfare Office. The session aimed to enable students to understand their triggers, coping mechanisms, thinking errors, risks, and protective factors through fun activities, group discussions, and games. The students participated whole-heartedly, and the session helped create a safe space for all to share their vulnerabilities, including some faculty members who enthusiastically participated.



- MNIT Jaipur signed a national MoU with the Indian Institute of Technology (IIT), Mandi on 1 February 2023, with the objective of faculty exchanges for academic and research work between the two institutes of national importance. The MoU shall be effective for a period of three years.





- An interactive session on “Career Opportunities at IIT Mandi” was organized on 1 February 2023 at Malaviya Sabhagar, MNIT Jaipur. The guests for the session included Prof. Lakshmidhar Behara, Director, IIT Mandi, and Prof. Rahul Vaishya, Dean, Academics, IIT Mandi. Prof. Rakesh Jain, Dean of International and Alumni Affairs at MNIT Jaipur welcomed them. The session began with a short presentation on the IIT Mandi campus by Prof. Rahul Vaishya. Afterwards, Prof. Lakshmidhar Behara delivered an informative and enlightening session for the students.



- MNIT Jaipur signed an MoU with Sardar Vallabhbhai National Institute of Technology (SVNIT) Surat on 1 February 2023, with the objective of faculty exchange for academic and research work. The MoU shall be effective for a period of two years.



- International delegates from various prestigious B-schools across the world visited MNIT Jaipur on 3 February 2023 to foster academic deliberations, explore opportunities for collaborations, and share mutual growth prospects. Participating schools included the American University, Kogod School of Business (USA), Brandeis International Business School (USA), Imperial College Business School (UK), INSEAD Business School (France and Singapore), POLIMI Graduate School of Management (Italy), Santa Clara University, and Leavey School of Business (USA). The delegation held a meeting with Prof. Rakesh Jain, Dean, International and Alumni Affairs, MNIT Jaipur, and Dr. Madhu Agarwal, Associate Dean, National and International Affairs, MNIT Jaipur, to discuss future collaborations and share mutual growth. The delegates also engaged in one-on-one, detailed interactions with the students, explaining to them about the GMAT exam and discussing avenues for studying abroad.



- Mr. Mahesh Swami, Senior Technical Assistant, Department of Architecture and Planning and Advisory Member of Photography Club, MNIT Jaipur, organized a 10-day photography exhibition titled “स्क्रीन पर साहित्य - कैमरे से कलम तक” at Jawahar Kala Kendra, Jaipur, from 19 to 28 February 2023. The Honorable Director, MNIT Jaipur, Prof. N. P. Padhy, was the chief guest for the exhibition's inauguration. Special guests for the event were Gopal Sharma, Editor and Founder of Mahanagar Times, and Indushekhar ‘Tatpurush’, Senior Litterateur. In the exhibition, Mr. Mahesh Swami presented creative expression with deep sensitivity.



- MNIT Jaipur, in collaboration with the Bureau of Indian Standards (BIS), organized a launch workshop titled “Standardizations and Conformity Assessment” on 21 February 2023, at Malaviya Sabhagar, MNIT Jaipur campus. The chief guests for the occasion included Shri Jayanta Roy Chowdhury, Consultant, BIS, and Puneet Bharadwaj. They were welcomed in the presence of Prof. N. P. Padhy, Director, MNIT Jaipur and Prof. Rakesh Jain, Dean, International and Alumni Affairs, MNIT Jaipur. In his address to the audience, the speaker for the event, Shri Jayanta Roy Chowdhary, provided an insight on how BIS works, its activities, standards, needs, benefits, and the standards ecosystem. He also explained the Standard National Action Plan and emerging areas of standardization, along with the opportunities for students and faculty members to engage in standardization.





- MNIT Jaipur signed a national MoU with the Soft Computing Research Society, New Delhi, on 16 March 2023, to establish a cooperative relationship and organize an international conference titled "4th International Conference on Data Science and Applications (ICDSA-2023)." The MoU will continue until the completion of the proceedings of ICDSA-2023.
- An interactive session on "Opportunities for Higher Studies, Internship, and Fellowship in the USA" was organized on 16 March 2023, at MNIT Jaipur. Ms. Mellisa, Executive Director of Graduate Admissions at Worcester Polytechnic Institute (WPI) USA, was the resource person for the session. She cleared students' doubts about STEM education, provided avenues for studying abroad, and explained the utility of studying at a leading university in the USA. Further, Ms. Mellisa met with Prof. Rakesh Jain, Dean International and Alumni Affairs, to discuss future collaborations and share mutual growth opportunities between WPI and MNIT Jaipur.



- MNIT Jaipur signed a national MoU with the Department of Information and Communication, Govt. of Rajasthan, on 20 March 2023, for collaboration on the utilization of geographic information system (GIS) technologies and projects. The MoU shall be effective for a period of two years.
- The Dean Student Welfare Office organized morning "Nature Walks" in collaboration with Itra Foundation, Jaipur, as part of its initiatives to promote student wellness on 25 and 26 March 2023. Ms. Richa Singhi, founder of the Itra Foundation, guided these walks. The aim was to create an opportunity for students to take a break from using screens, engage with nature, and understand the benefits of this engagement for mental and physical wellness.





- The Training and Placement Cell, MNIT Jaipur, in partnership with IMAGE BOOSTERZ, organized a workshop titled "HR's Observations During GDs and Interviews" on 3 April 2023. Mr. Aviral Sinha, the director of IMAGE BOOSTERZ, was the keynote speaker for the session. This workshop aimed to enhance students' knowledge and understanding of the job-seeking process by providing insights into the observations made by human resources professionals during group discussions and interviews. It helped students become aware of the recruitment practices used by various companies.



Students were provided with valuable insights into the features and benefits of the platform, thereby equipping them with the skills to navigate through the internet-based plagiarism detection tool. These initiatives aimed to increase users' proficiency in Turnitin and improve their ability to use it to effectively enhance the quality of their work.

Unnat Bharat Abhiyan

- The Unnat Bharat Abhiyan team visited a government senior secondary school in Pahariya village, in Phagi Tehsil, Jaipur, on 12 March 2023. It was led by UBA faculty advisors, Dr. Amit Kumar and Dr. Brij Mohan Mundotiya who interacted with the teachers present at the school. A drawing competition was organized on campus for students of the first to fifth grades to stimulate creativity among them, and the winners were awarded. They also interacted with the school students and answered their queries regarding career, academics, and various other fields of life. The UBA team also organized many other fun activities within the school premises for the students to create a cheerful environment and foster learning.



- Mr. Sachin K., Assistant Librarian, MNIT Jaipur organized numerous sessions on "Turnitin Software." The sessions focused on refresher training, software usage, and feedback mechanisms.





Blitzschlag

- “Blitzschlag '23”, the annual cultural fest of MNIT Jaipur, was held from 9 to 12 February 2023. This four-day extravaganza was filled with various activities, from theatre productions to music concerts. The theme of this year's fest was "Illusion," which served as the perfect inspiration for the various entertainment and cultural experiences, as well as workshops, exhibitions, and other organized events. The fest witnessed a footfall of over 40000 attendees, making it a resounding success.



- The festivities started with the ‘Inaugural ceremony’ held on 9 February at the Institute's Mini Auditorium. The Honorable Director MNIT Jaipur, Prof. N.P. Padhy was the chief guest of the event. The sponsors of the

event also attended the function as special guests. The fest was declared open, and the celebrations began with the student organizing team rejoicing to the beats of Bhangra. One of the most crowd-alluring components of the fest were the flagship events and the Pronites, which left the attendees in awe.

- The first ‘Pronite’ was held on 9 February 2023 at the VLTC parking area, where the new indie pop band Vaskco took the stage. The band, known for giving music to the popular web series Scam 1992, performed some of the most famous Indian songs, creating a mesmerizing atmosphere.





- The second 'Pronite' was held on 10 February 2023, featuring the soft rock music band 'Naalayak'. Led by the lead vocalist Sahil Samuel, the band played their critically acclaimed songs, including 'Zakir,' 'Tabeer,' and 'Bawra,' leaving the audience in a trance with their music.



- The third 'Pronite' was a doubleheader featuring Bollywood singer Ami Mishra and DJ Aerreo on 11 February 2023. Ami Mishra's signature 'Hasi' stole the limelight, and he also performed some famous songs, including a cover of the British band 'One Direction's' superhit song 'Night Changes' and the title track of the album 'Ae Dil Hai Mushkil.' The second round of 'Pronite' featured the audience dancing to the EDM beats played by DJ Aerreo.



- Blitzschlag '23 came to an end with a captivating performance by the renowned singer Shaan, who performed at the final 'Pronite'. With over 8,000 attendees at the open-air theatre of MNIT Jaipur, the atmosphere transcended into a realm full of joy and excitement. Shaan performed some of his most acclaimed songs at the Pronite, such as 'Chand Shifarish,' 'Chaar Kadam,' and 'Deewangi Deewangi.' The Honorable Director, Deanery, the concerned authorities, and the student core team welcomed Shaan. The student audience cheered non-stop, enjoying themselves as Shaan presented some of his classics before them. After the end of his performance, the Honorable Director expressed his gratitude to Shaan on behalf of the college administration and the students. He presented him with a memento of appreciation.



DAY 1

Blitzschlag '23



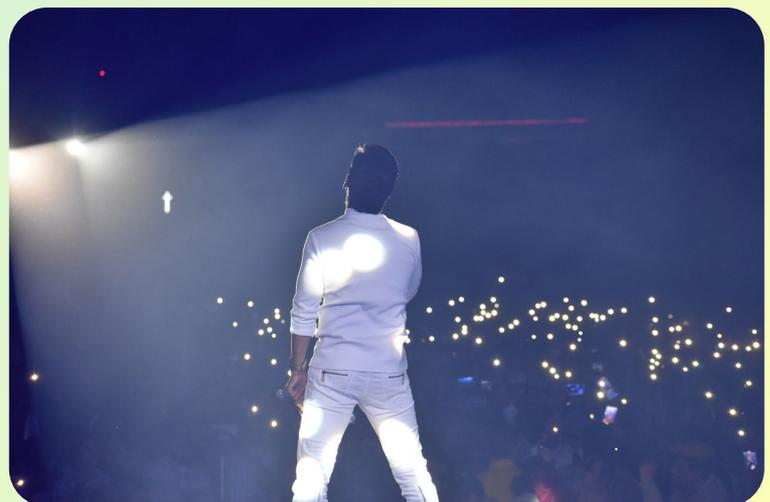
Celebrations

DAY 2



DAY 3

Blitzschlag '23



Celebrations





MNIT Sports Tournament (MST 2023)

- MNIT Jaipur hosted the MST from 23 to 25 March 2023. A total of 800 students from across the nation participated. It was regarded as the biggest tournament ever organized by the college. The event featured a wide range of sports, including basketball, volleyball, badminton, chess, cricket, gym tournament, table tennis, lawn tennis, and kabaddi.



- On 23 March, the inauguration of the MST took place, with the chief guest for the occasion Sh. Ram Kumar Gahlawat, an international basketball player, along with the Director MNIT Jaipur, Prof. N. P. Padhy. After the inauguration, all the sports events commenced, marking the beginning of an exciting and competitive tournament.

- On the second day of the MST, all the participants actively took part in various sports activities. They enthusiastically played cricket, football, basketball, and volleyball and were thrilled with the newly constructed badminton court.



- A cultural night with performances by the Rajasthani folk artist group Moru Sapera was organized in the evening. The performances enthralled the students and gave them a glimpse of Rajasthan's rich and vibrant culture.





- All the finals were held on the third and final day of the MST. The atmosphere was filled with excitement as the students passionately supported their respective teams.



- The event concluded with a grand ceremony where the winning teams were awarded various prizes, including trophies and medals, in recognition of their outstanding performances.



- The boys' team from MNIT Jaipur emerged victorious in the volleyball category, while the girls' team from SPA Delhi claimed the title.

- In badminton, MNIT Jaipur continued its winning streak, securing first place in both the boys' and girls' categories.



- MNIT Jaipur showcased its dominance in basketball, with both the boys' and girls' teams clinching the championship.



Inauguration

MST '23



Celebrations

DAY 1



DAY 2

MST '23

+ Cultural Night



Celebrations

DAY 3

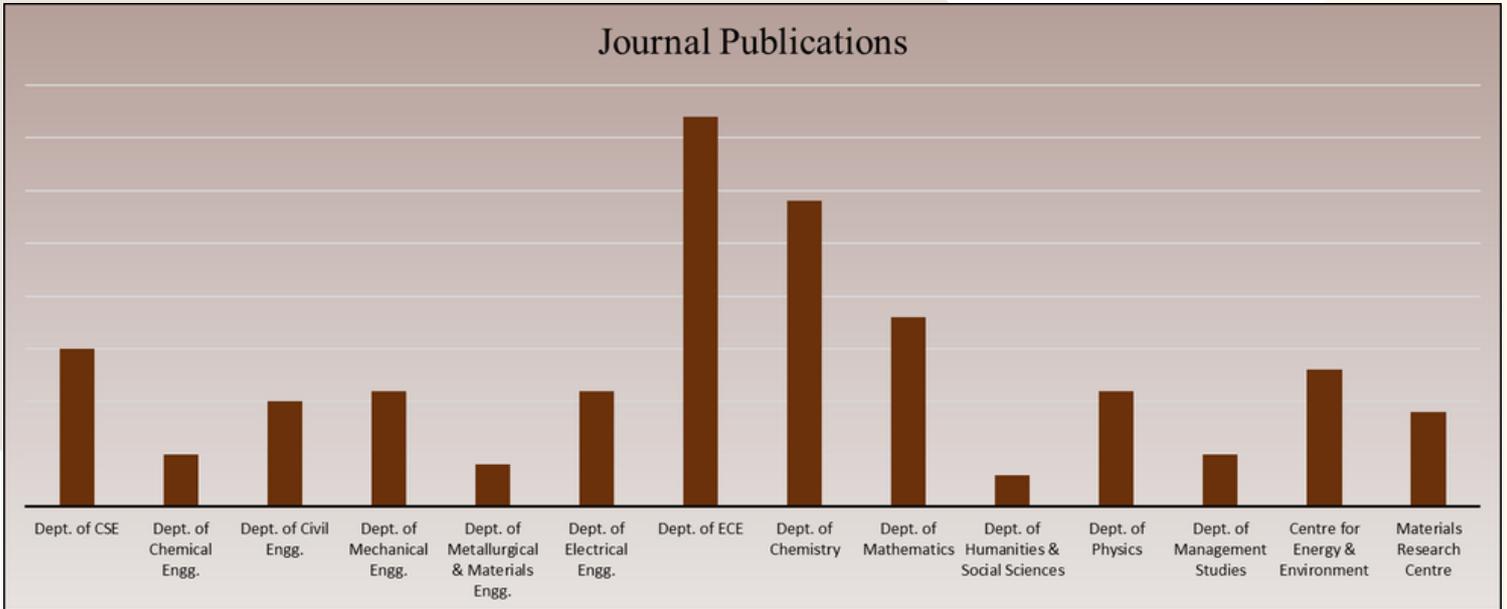
+Award Night



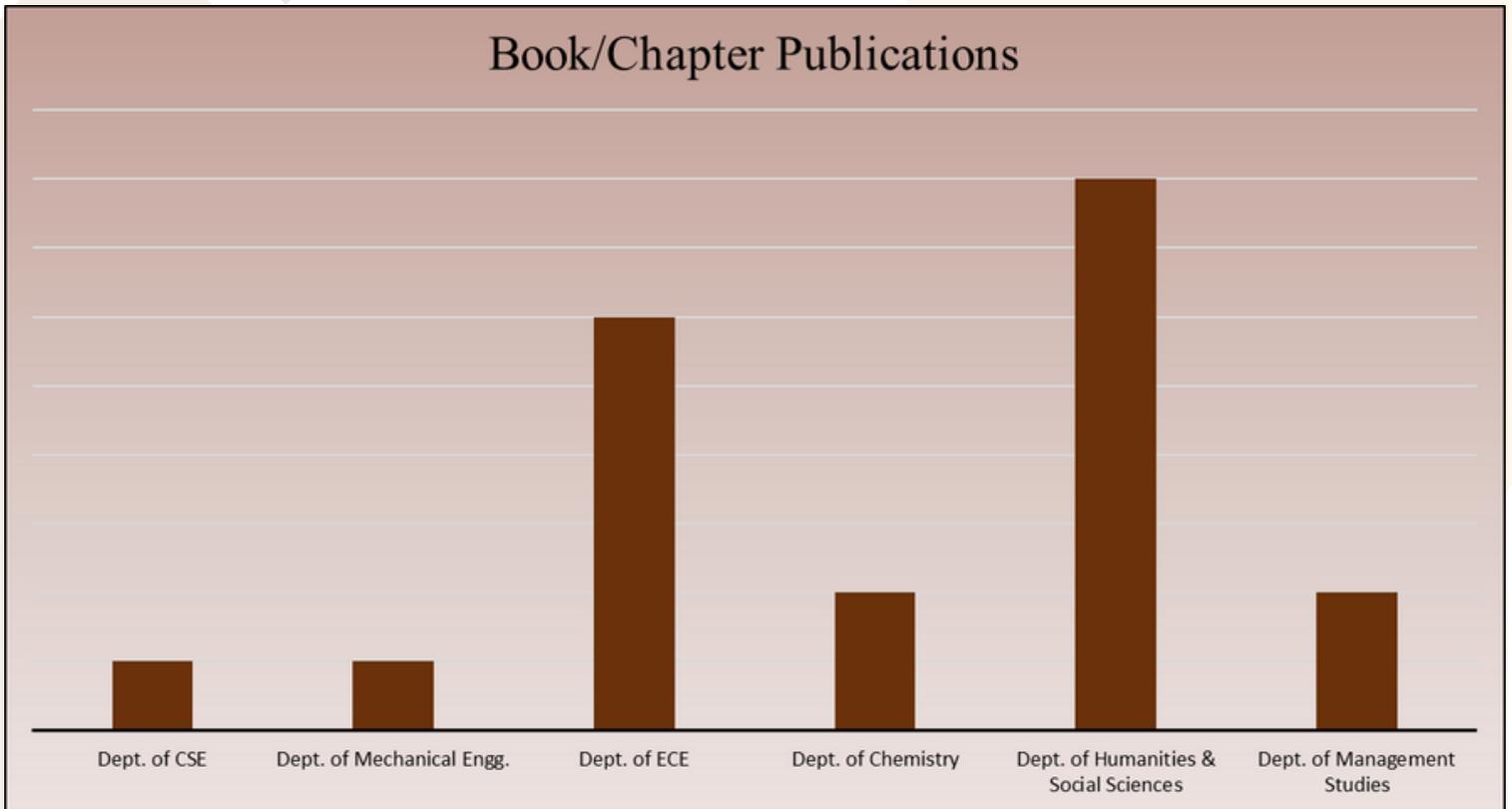


RESEARCH PUBLICATIONS

Journal Publications

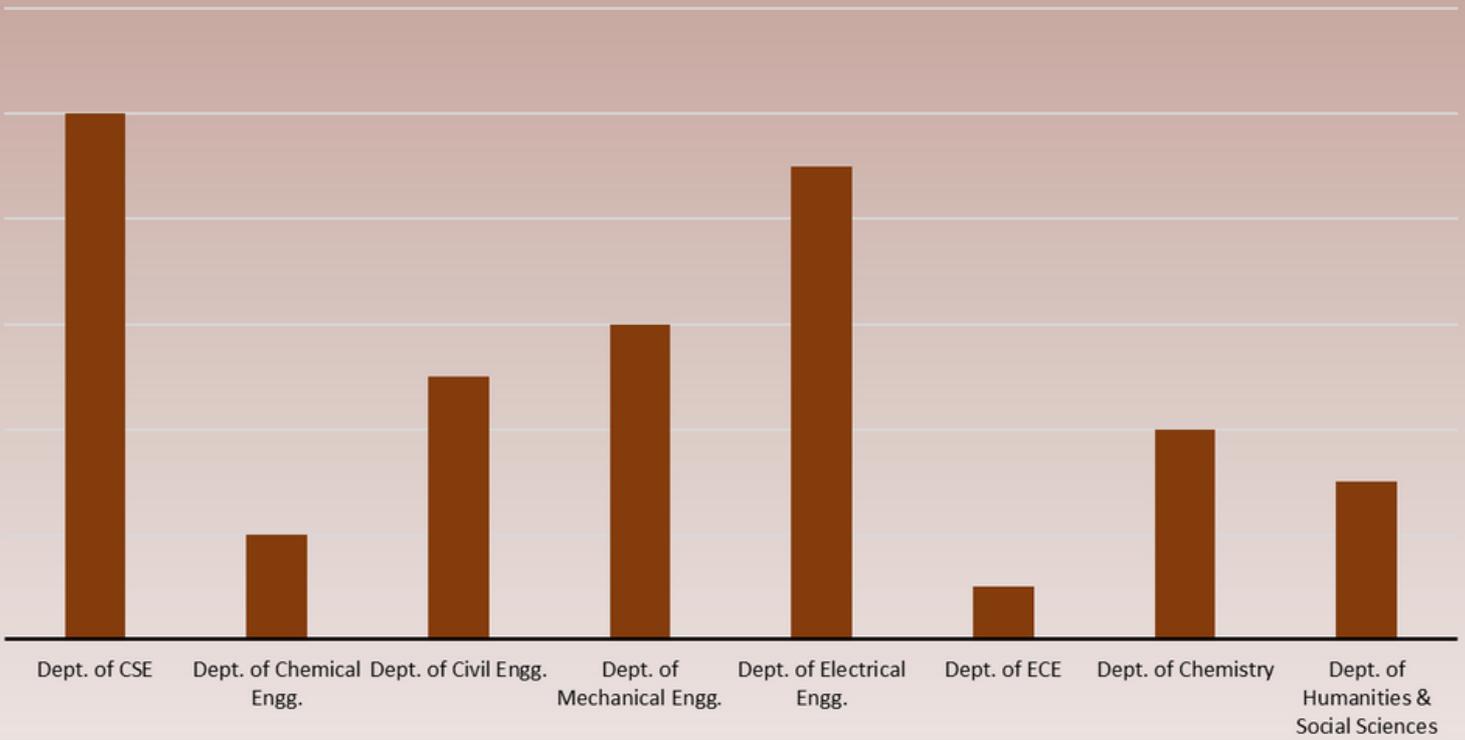


Book/Chapter Publications





Conference Publications



6950+
Journal
Publications



5495+
Conference
Publications



532
Research Sponsored
Projects



7+ / 75+
Granted / Filed
Patents



1240+
Doctorates
Awarded

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