

Newsletter

September 2024



THE NORTHCAP UNIVERSITY

(For Internal Circulation only)

Department of Computer Science & Engineering

Session on Animal Cruelty

On 26th September, the Sehyog Club at The NorthCap University organised "Rage Against the Cage" to raise awareness about animal cruelty and the ethical treatment of animals. The event included a special performance by the university's drama society, Abhimanch, which shed light on the harsh realities of animal captivity and exploitation. The event was well coordinated by Ms. Bhavana Sharma, Ms. Vandana, and Dr. Nishu.



Seminar on Women's Safety

On 17th August, the Department of Computer Science Engineering, in collaboration with Cloud IoT NCU Club and Club Udaan, organised a seminar on Women's safety, wherein Dr. Kavita (HPS, Assistant Commissioner of Police, Crime Against Women) delivered powerful insights on women's safety apps, scams, and legal awareness. She also addressed the audience on crucial topics such as cyber scams, safety apps, and legal guidelines for young women.

The seminar aimed to empower students with knowledge on how to protect themselves in the physical and digital worlds. The event was well coordinated by Ms. Bhavana Sharma, Mr. Sumit Kumar, and Dr. Nidhi Malik.

Parent-Teacher Meeting

The Department of Computer Science & Engineering at The NorthCap University organised a Parent-Teacher Meeting on 21st September, for select B.Tech and BCA students. Coordinated by Ms. Kanika Gupta and Ms. Bhavana Sharma, the meeting aimed to foster communication between parents, mentors, and subject teachers, offering a comprehensive review of the students' academic progress, attendance, and conduct. Parents were also guided on how to access the ERP portal for attendance tracking and had the opportunity to provide valuable feedback.



DEPARTMENT OF MANAGEMENT AND COMMERCE

Arthargument 6.0

The Economic Collective Club, Department of Management & Commerce, in collaboration with the Manovriti Club, organised Arthargument 6.0 on 12th September. The event provided a platform for students to express their views and present persuasive arguments in a structured debate format. Participants engaged in rounds featuring opening statements, rebuttals, and closing arguments on pre-assigned topics. The objective of the event was to promote critical thinking, teamwork, and articulate communication among the students.

The Department of Multidisciplinary Engineering (MDE)

Expert Session on Recent Trends in Semiconductor and AI Industry

The Sapient Club and IEEE RAS Chapter of The NorthCap University hosted an insightful session on "Recent Trends in the Semiconductor and AI Industry" by Dr. Rakesh Kumar on 27th September. Dr. Kumar, an IEEE Life Fellow and inductee of the IEEE Technical Activities Hall of Honour, shared his extensive knowledge of the latest advancements in semiconductor technology and AI. He discussed key aspects of semiconductor fabrication and design and provided insights into IEEE DataPort and its use cases. The session witnessed active participation from students, faculty, and technical staff, concluding with an engaging Q&A. Dr. Pooja Sabherwal and Dr. Anu Tonk organised this event under the expert guidance of Prof. Sharda Vashisth.

Alumni Interactive session by Club Aluminate

On 27th September, the Department of MDE's Club Aluminate, in collaboration with the Centre for Professional Attachment and Alumni Engagement (CPAA), organised an interactive session on "Digital Marketing and E-commerce Growth." Led by NCU alumnus, Mr. Anubhav Bhatia (Business Manager - Analytics, ANS Flipkart), the session explored digital marketing strategies, startups, and the drop-shipping model. Mr. Bhatia shared insights from his five years of experience and his entrepreneurial journey with 'Tangylicious – Pickle Store.' The session was coordinated by Dr. Anmol Bhatia and Dr. Akanksha Mathur.

International Conference TIMES-2024

The Department of Multidisciplinary Engineering successfully organised the International Conference on Technological Innovation in Multidisciplinary Engineering and Sciences (TIMES 2024) from 6th to 7th September. This event brought together renowned experts, researchers, and academics from diverse fields from around the world to discuss the latest advancements in technology and engineering. The conference focused on fostering innovation and collaboration across various engineering disciplines, promoting interdisciplinary research for technological growth.

Expert Lecture organised by IEI Students' Chapter

An expert lecture was organised by IEI Students' Chapter of The NorthCap University on the topic "World of Semiconductor Technology: Latest Trends" on 18th September 2024. The speaker - Dr. Vandana Khanna (Associate Professor, The NorthCap University) explained VLSI/semiconductor technology and its applications to the participants in our current AI dominated society. The

latest trends in the VLSI/semiconductor industry were shared with the attending students. Additionally, Dr. Khanna discussed the India Semiconductor Mission in detail and the initiatives of Government of India in this direction and how it will enhance the job opportunities in semiconductor technology: design, manufacturing and packaging and testing domains. She further discussed the 'Women in Tech' programme from NXP Semiconductors for female students, whose agenda is to invite women to harness their creativity and lead the next wave of innovation.

Eye Screening Camp at The NorthCap University

On 4th September, The NorthCap University hosted a Free Eye Screening Camp in collaboration with Manipal Hospitals. The initiative, spearheaded by Dr. Shilpy Wadhwa, aimed to provide comprehensive eye care to students, faculty, and staff at no cost.

The camp featured a wide range of eye examinations, conducted by a team of skilled ophthalmology professionals. Attendees underwent a series of tests designed to assess various aspects of their eye health.

- 1. Refraction Tests:** Employed an auto-refractometer for computerised assessments and subjective refraction with Snellen's LED chart for precision eye testing.
- 2. Case History Evaluation:** Considered factors such as age, health, and lifestyle to tailor the examination.
- 3. Visual Acuity Test:** Measured binocular distance vision to gauge overall eye function.
- 4. Pupillary Reaction Test:** Employed a torchlight beam to evaluate pupil responses.
- 5. Muscular Balance Test:** Assessed for squints or misalignments.
- 6. General Eye Condition Assessment:** Reviewed for common issues such as allergies and eye strain.

This event underscored The NorthCap University's commitment to the well-being of its community, reinforcing its role as a leader in holistic care and preventive health measures.

Dr. Shilpy Wadhwa expressed gratitude to Manipal Hospitals for their collaboration and support, as well as to the university's governing body for their approval and facilitation of this valuable initiative. The success of the camp highlights the importance of regular eye check-ups and proactive health management.



Community Service

Club Innovate to Elevate, in collaboration with Prayaas NCU, organised Planet Paws 2.0 – a donation drive, from 9th to 12th September, focusing on supporting animal welfare and promoting eco-consciousness. The event encouraged participants to donate essential items for animals, all wrapped in eco-friendly jute or paper bags, under the theme “Donate with Purpose, Give with Love.” The aim was to collect donations for animals, including food and toys, with a commitment to sustainability using eco-friendly packaging. The faculty coordinators for the event were Dr. Seema Thakran and Dr. Rajni Rohila.

From 3rd to 5th September, Club Innovate to Elevate, in collaboration with Prayaas NCU, organised a card-making event at The NorthCap University. In honour of teachers, who play an irreplaceable role in shaping students' futures, this event provided students with a unique opportunity to express their heartfelt emotions and creativity through handcrafted cards. The event was coordinated by Dr. Seema Thakran and Dr. Rajni Rohila.



Anti-Ragging Slogan Writing Competition

On 12th August, Manovriti – The Community Service and Mental Health Club of The NorthCap University – successfully organised a Slogan Writing Competition on the theme of Anti-Ragging. The event aimed to promote campus safety and inclusivity, with students creatively expressing their support for mutual respect and community through impactful slogans. The club fostered an inclusive and lively atmosphere, showcasing not only student creativity but also reinforcing the university's commitment to eradicating ragging and ensuring a safer campus environment. The event was coordinated by Dr. Samiksha Jain.

Beyond Life: The Gift of Organ Donation Awareness Initiative

On 27th September, the Youth Red Cross Club of The NorthCap University organised 'Beyond Life: The Gift of Organ Donation Awareness Initiative.' The primary objective of the event was to sensitise students about the life-saving impact of organ donation and encourage them to register as donors. It aimed to dispel myths, answer questions, and inspire students to give the gift of life through organ donation. Dr. Muneet Kaur Sahi of Mohan Foundation, Delhi - a medical professional with extensive experience in public education and counselling - addressed the participants. The event had a lasting impact on the students, fostering a sense of civic responsibility that could influence other aspects of public health and community service. The event was coordinated by Ms. Kanika Gupta and Dr. Parul Khanna.



Smiles and Sunshine: A Donation Drive

From 4th to 7th September, Club Yukti and Sapient Club of The NorthCap University proudly presented Smiles and Sunshine: A Donation Drive and NGO Visit. The initiative aimed to foster growth, learning, and a deep sense of social responsibility. The items collected during the donation drive were distributed to the children at NGO, supporting their growth and development. This initiative encouraged students to take on the role of mentors, guiding and educating the children in need. Through this initiative, students not only enriched their educational experience but also engaged in meaningful community service.

Voice of Democracy: Voter Awareness Drive

On 19th and 20th September, Club Yukti conducted voter awareness drives on the university campus with the aim of inspiring students to actively participate in Haryana Legislative Assembly elections. The event underscored the importance of voting and educated participants about the electoral process, including voter registration. To symbolise their commitment, students signed the “Wall of Democracy,” pledging to vote in the forthcoming elections. To further engage participants, a quiz on general electoral knowledge was conducted. This initiative empowered the community with knowledge about how every vote contributes to shaping the nation's future, fostering a sense of responsibility and ensuring that their voices are heard in the democratic process.

Faculty Outreach and Achievements

- Dr. Aditya Sharma Ghrera visited SGT University on 25th September as an external examiner for the end-term practical examination of BSc (Hons.) students in the Department of Chemistry, FABS, SGT University.
- Dr. Anu Tonk and Dr. Pooja Sabherwal participated in a Semiconductor Manufacturing Workshop held on 9th September, organised by the Electronics Sector Skills Council of India (ESSCI) in collaboration with Applied Materials, Kaynes Technology, IIT Delhi, and SEMI. The workshop emphasised advanced vacuum technology and Environment, Health, and Safety (EHS) protocols which are crucial to reliable semiconductor manufacturing. With India advancing rapidly in the semiconductor sector, this workshop provided valuable insights into the latest technologies and safety standards.
- Dr. Lokesh Choudhary received the Academic Research Scholarship Award for securing the 3rd position among the top 10 faculty researchers at The NorthCap University on 5th September, on the occasion of Teachers' Day. This prestigious recognition highlights Dr. Choudhary's dedication to academic research.
- Dr. Vandana Khanna was honoured with a token of appreciation for serving as one of the conveners of the summer internship and certification programme on Learn JAVA programming: Beginner to Advanced Level. This programme offered extensive hands-on training in two courses – Introduction to JAVA and Data Structures in Java – and was organised for the students of the university in collaboration with Coding Ninjas during June-July 2024.
- On 7th September, Dr. Lokesh Choudhary, along with co-authors Dr. Mitun Chakraborty and Mr. Dhruv Kumar, received the Best Paper Award for their research paper titled “Sustainable Industrial Waste Utilization: Performance Evaluation of Bacteria-Incorporated Ternary Geopolymer Bio-Mortar” in the sub-theme “AI in Infrastructure Development and Sustainability” at the TIMES-2024 International Conference, organised by the Department of Multidisciplinary Engineering, The NorthCap University, Gurugram.

- On the occasion of 57th Engineers Day-2024 celebrations on 15th September, Dr. Vandana Khanna was honoured with the **Academia Excellence Award 2024-25** by The Institution of Engineers (India) Faridabad Local Centre (FLC). This prestigious award was bestowed upon her in acknowledgement of her distinguished services and contribution in the fields of Engineering, Academia & Technology, as well as to the cause of nation building.
- Dr. Akanksha Mathur, Dr. Lokesh Choudhary and Dr. Satnam Singh from the Department of Multidisciplinary Engineering secured positions among the Top 1% and Top 5% Elite candidates in the prestigious NPTEL course "Design Thinking: A Primer," competing against 7982 participants across India.
- Dr. Payal Khurana participated in the national-level virtual seminar 'Importance of Epics in Indian Literature' on 27th September, organised by Progrezz Academy (Training & Research Institute), Tamil Nadu.

Student Achievements

- Aditya Dhingra, a first-year BBA.LL.B student, had the privilege of attending the IXth BRICS Legal Forum 2024 at the Moscow State Institute of International Relations (MGIMO), Moscow. The forum brought together students, legal professionals, and academics from BRICS and BRICS+ nations. On 18th September, marking the occasion of Youth Day, Aditya represented the Indian delegation in a session on "Admission into the Legal Profession - Future Experience" and toured MGIMO University. The main forum, held on 19th and 20th September, provided insights into international legal negotiations and discussions, featuring notable figures such as former Russian Prime Minister Sergei Stepashin and former Indian Supreme Court Justice Hemant Gupta.



- On 6th September, students from the Department of Computer Science and Engineering – Prachi (22CSU222), Yashi (22CSU223), Arushi (22CSU406) and Tanay (23CSU440) – secured 5th position in the internal SIH conducted by the department. The students achieved this milestone under the guidance of their mentor, Dr. Monika Lamba.
- On 3rd September, Himanish Dabas (23CSU436), a student from the Department of CSE, secured 1st place in a table tennis tournament organised by the NorthCap University.

International Relations Office

Business School Conclave 2024

On 4th September, the International Relations Office organised its Business School Conclave for students of the SOET and SOM. The event featured delegates from prestigious American and European B-Schools, including:

- Ms. Maria Stutsman y Marquez - Associate Dean of Recruitment and Enrollment, Weatherhead School of Management, Case Western Reserve University, USA
- Ms. Regina Nitin - Regional Director, South Asia, George Washington University School of Business, USA
- Ms. Maria Pineda - Executive Director, Robert H. Smith School of Business, University of Maryland, USA
- Ms. Amanda Barth - Associate Dean of Graduate Admissions and Recruitment, William & Mary – Raymond A. Mason School of Business, USA
- Ms. Richa Agrawal - Country Manager, Guidance & Recruitment (South Asia), Bocconi University, Italy

A strategic meeting with NCU's leadership team took place to discuss potential partnerships for student exchanges, dual degrees, and joint research initiatives. The event featured a panel on 'Building a Global Career through Graduate Management Education,' where delegates shared valuable insights into international career opportunities. The event concluded with a direct interaction between students and delegates, enabling students to engage with academic leaders and explore various study abroad prospects.

Semicon India 2024

Dr. Sharda Vashisth and Dr. Pooja Sabherwal attended #SemiconIndia2024, an event that brought industry leaders, innovators, and policymakers to explore India's potential in semiconductor manufacturing. Key discussions at the conclave focused on advancements in emerging technologies, supply chain resilience, and the importance of a robust semiconductor ecosystem. They also observed next-gen digital test equipment and the fascinating "sand to silicon" process during a demonstration of both front-end and back-end operations.

Engineering School Conclave 2024

On 16th September, the International Relations Office organised the Engineering School Conclave for SOET students. NCU had the honour of welcoming distinguished international teams from some of the world's top universities. The delegates participated in panel discussions with students, where students engaged enthusiastically with questions and left with an even stronger drive for academic success abroad. The delegates were as follows:

- Mr. Mark Khan - Director of Master's Marketing & Enrollment, Boston University College of Arts and Sciences
- Ms. Jenny Choy - Associate Director, Graduate Admissions, Columbia Engineering
- Ms. Katherine Hugins - Associate Director, Admissions & International Partnerships, George Washington University School of Engineering and Applied Science
- Ms. Emily Agnello - Assistant Director of Graduate Recruitment, Loyola Marymount University, Frank R. Seaver College of Engineering

- Ms. Carrie Bowling - Senior Assistant Director, Graduate Marketing and Recruitment, NYU - Tandon School of Engineering

A strategic meeting with NCU's leadership team also took place, discussing potential partnerships for student exchanges, dual degree programs, and joint research initiatives.

Education Excellence Award by the Services Export Promotion Council (SEPC)

The International Relations Office was honoured with the prestigious Education Excellence Award for the University having Most International Collaborations by the Services Export Promotion Council (SEPC), a unit under the Ministry of Commerce and Industry, Government of India.

The award was presented by Smt. Meenakshi Lekhi (Former Minister of State for External Affairs and Culture of India) during the National Conference on Transforming Higher Education & Skilling towards Viksit Bharat @ 2047, organised on 28th September, 2024.

Dr. Vaishali Sahu (Dy. Director, IQAC) and Dr. Pooja Sabherwal (Coordinator, International Affairs) attended the conference and accepted the award on behalf of the university.

Study Abroad Programmes offered by The NorthCap University

The following students have been selected for Semester Exchange (Fall 2024) programmes at various NCU alliance universities:

- Shibaura Institute of Technology, Japan: Saumil Kulshrestha (22CSU158) and Mayank Wadhwa (22CSU335)
- University of North Florida, USA: Ananya Verma (23CSU028) and Ishita Tanwar (23CSU133)

Additionally, Hridyansh Chaudhary (20CSU239) recently completed his semester abroad at Sunway University, Malaysia, for the Spring 2024 term. He returned to The NorthCap University in the third week of September.

Centre of Professional Attachment & Alumni Engagement (CPAA)

In September, nine NCU students successfully secured placements at leading companies, including Airtel, AVL India Pvt Ltd, OSTTRA, and Volkswagen Group Technology Solutions India.



Mr. Vikas Narula (Director, CPAA) participated in the CII Consumer Electronics & Durables Summit 2024, where discussions focused on building a growth-conducive ecosystem, expanding the domestic market, and enhancing global

export competitiveness. The event provided a valuable opportunity to connect with prominent leaders from both industry and government, all united in their efforts to shape a stronger, more sustainable future for the sector.



NCU's placement managers, Mr. Dhaval Bhaskar and Ms. Anchal Bhutani, represented The NorthCap University at the prestigious National Conference on "Transforming Higher Education and Skilling Towards Viksit Bharat @2047," hosted by the Services Export Promotion Council (SEPC). The event brought together experts, policymakers, and industry leaders to discuss the future of India's education and workforce development. The primary aim of the conference was to align higher education and skill development systems with future global market demands, positioning India as a more competitive force by 2047. Key discussions at the event included the importance of innovation, EdTech, and global partnerships in education. Our representatives engaged with these critical themes, contributing to the university's efforts to align its educational initiatives with the national agenda for a "Viksit Bharat" by 2047.



ArmorCode recently visited the NCU campus for a pre-placement talk, engaging with B.Tech students. During the session, the company shared valuable insights into its operations, career opportunities, and the skills they seek in potential recruits, offering students a clear understanding of what it takes to succeed in the tech industry. The event also provided an opportunity for students to interact with company representatives and learn about the recruitment process, available roles, and the innovative projects ArmorCode is involved in.

Publication Data

JOURNALS

- Nidhi Agrawal and **Bharti Arora*** (2024) 'Optimized Manufacturing Process of Encapsulating Phase Change Materials in Granular form Using Coating Materials and Methods', *Materials and Manufacturing Processes*, Doi: <https://doi.org/10.1080/10426914.2024.2395012>, **APS2024J0024**.
- Reetu Chauhan, Yasser A. M. Ismail, K. A. Aly, Pankaj Sharma, Ram Chhavi Sharma, **Chetna Tyagi** and Sunanda Sharda* (2024) 'Optical Properties and Structural Rigidity of [(GeSe₂)₇₅(Sb₂Se₃)₂₅]_{100-x}Tex Chalcogenide Glasses for Potential Applications in Infrared Filters and Lenses', *Journal of Materials Science: Materials in Electronics*, Vol. 35, No. 1698, pp. 1-13, **APS2024J0025**.
- Hukum Singh***, Kapil Shankar Gaur, **Seema Thakran** and Kehar Singh (2024) 'An Asymmetric Phase Image Encryption Technique Using Arnold Transform, Singular Value Decomposition, Hessenberg Decomposition, and Fractional Hartley Transform', *Applied Physics B - Lasers and Optics*, Vol. 130, No. 186, pp. 1-15, **APS2024J0026**.
- Akansa Singh, **Nupur Prakash** and Anurag Jain* (2023) 'Particle Swarm Optimization-Based Random Forest Framework for the Classification of Chronic Diseases', *IEEE Access*, Vol. 11, pp. 133931-133946, **CSE2024J0025**.
- Aman Garg***, Anshu Sharma, Li Li*, Weiguang Zheng, Bong-Seop Lee and **Roshan Raman** (2024) 'Uncertainty Evaluation in Density and Viscosity of Nanofluids at Different Temperatures Using Gaussian Process Regression-Based Monte-Carlo Simulations', *Journal of Molecular Liquids*, Doi: <https://doi.org/10.1016/j.molliq.2024.125794>, **MDE2024J0036**.
- Anshu Sharma, Yea Rock Park, **Aman Garg*** and Bong-Seop Lee* (2024) 'Deep Eutectic Solvents Enhancing Drug Solubility and Its Delivery', *Journal of Medicinal Chemistry*, Doi: <https://doi.org/10.1021/acs.jmedchem.4c01550>, **MDE2024J0037**.
- Raisy CD*, **Sharda Vashisth** and Amitava Sengupta (2024) 'A Simulation Study of Volumetric Soil Moisture Evaluation Using NavIC-IR', *Journal of the Indian Society of Remote Sensing*, Doi: <https://doi.org/10.1007/s12524-024-01965-4>, **MDE2024J0038**.

BOOK

- Anu Tonk** (2024) 'Semiconductor Technology Fundamentals', pp. 1-249, San International Scientific Publication, ISBN - 978-81-979650-4-3, **MDE2024B0004**.

BOOK CHAPTER

- Poonam Yadav, **Hukum Singh** and Kavita Khanna (2022) 'A Novel Image Encryption Algorithm Based on Circular Shift with Linear Canonical Transform' in *Proceedings of Academia-Industry Consortium for Data Science*, Chapter 30, pp. 373-385, Springer, ISBN - 978-981-16-6887-6, **CSE2024BC0020**.

CONFERENCE PROCEEDINGS

- Poonam Yadav*, **Hukum Singh** and Kavita Khanna (2021) 'A Review of Optical Image Encryption Techniques Based on Cloud Computing Biometric and Multiple Image Processing', *Proceedings of the*

International Conference on Innovative Computing & Communication 2021, pp. 1-6, **CSE2024P0024**.

- Poonam Yadav*, **Hukum Singh** and Kavita Khanna (2022) 'Computer Vision, Its Applications, and Challenges', *Proceedings of the International Conference on Innovative Computing and Communication 2022*, pp. 1-4, **CSE2024P0025**.
- Shaifali Ruhil* and **Vandana Khanna** (2024) 'Design and Modeling of Quad Gatestacked Nano Sheets Finfet Device and its Implementation in Digital Applications', *International Conference on Intelligent Systems for Cybersecurity*, pp. 1-6, **MDE2024P0003**.

CONFERENCE PRESENTATIONS

- Sarnyaraja MuthumaniRaja, **Payal Khurana** and Divyabha Vashisth (2024) 'A Comparative Analysis of the Intensive English Programme (IELP) in Japan and Effective communication Programme in India', *Two Day International conference on English Language Teaching*, St. Thomas College, Thrissur, Kerala, **CLL2024C0021**.
- Neha Jain** and Purnima Singh (2024) 'Counterproductive Work Behaviours: Antecedents, Contexts and Consequences', *33rd International Congress of Psychology, International Union of Psychological Sciences*, Prague, Czech Republic, **PSY2024C0001**.
- Neha Jain** and Purnima Singh (2024) 'Development of a Tool to Measure Counterproductive Work Behavior: A Two Dimensional Approach', *33rd International Congress of Psychology, International Union of Psychological Science*, Prague, Czech Republic, **PSY2024C0002**.

From the Psychologist's Desk...

Mental Health Matters: Breaking the Silence

With World Mental Health Day falling on 10th October, this is an ideal moment to reflect on why mental health matters now more than ever. In today's fast-paced, high-pressure environment, focusing on mental well-being is crucial – not just for those facing mental health challenges, but for everyone. Mental health isn't only about addressing issues like anxiety or depression; it's about maintaining overall well-being, managing stress, and fostering a sense of purpose and balance in our lives.

Yet, despite its importance, mental health often gets sidelined due to stigma, misconceptions, or a "power through" mentality. As a community, we need to normalise conversations about mental well-being and understand that, just like physical health, mental health requires regular care and attention.

At our university, we encourage students, faculty, and staff to prioritise self-care. Whether it's engaging in mindfulness, talking to a counsellor, or simply reaching out to a friend, small steps can have a profound impact. Remember, it's okay to not be okay, and seeking help is a sign of strength, not weakness.

On this occasion of World Mental Health Day, let us take a collective step forward to break the silence, challenge the stigma, and support each other in maintaining a healthier mind. Because mental health matters every day.

Ms. Priyanka Bhalla

Psychologist

The NorthCap University

Outreach Activities of Prof. Prem Vrat, Pro-Chancellor, Professor of Eminence and Chief Mentor, The NorthCap University, Gurugram, Haryana



Prof. Prem Vrat
Pro-Chancellor,
Professor of Eminence
& Chief Mentor

- Prof. Prem Vrat delivered an online lecture on Project Organisation and Leadership in a CEP online course on 'Project Management', organised by IIT Delhi on 1st September.
- Prof. Prem Vrat was invited as the Chief Guest at Research Excellence Awards on Teachers' Day at Delhi Technological University (DTU) where he presented awards to outstanding achievers.
- Prof. Prem Vrat attended the Foundation Day celebration of IIT Kharagpur and the Golden Jubilee of Delhi-NCR chapter of IIT Kharagpur Alumni Association on 8th September at the AAI Institute, Safdarjung Airport, New Delhi.
- Prof. Prem Vrat delivered an invited lecture to senior scientists of DRDO and other government research labs on Quality – Engineering and Management in a one-week EDP at IIF Centre of IIT (ISM) Dhanbad New Delhi on 18th September.
- Prof. Prem Vrat attended the 4th International Conference of PPPAI-ISM, supported by the World Bank, in online mode on 20th September, which was attended by more than 4,000 participants from around 140 countries.
- Prof. Prem Vrat chaired the 32nd meeting of the Finance Committee of the IIT (ISM) Dhanbad on 25th September at their NBCC Centre, New Delhi.
- Prof. Prem Vrat chaired the 32nd meeting of the Board of Governors (BOG) of the IIT (ISM) Dhanbad as its Chairman, on 25th September at their NBCC centre, New Delhi.
- Prof. Prem Vrat delivered lectures on SCM at IIT Delhi as Honorary Professor in the month of September.

Outreach Activities of Prof. Nupur Prakash, Vice Chancellor, The NorthCap University, Gurugram, Haryana



Prof. Nupur Prakash
Vice Chancellor

- Prof. Nupur Prakash attended a meeting on 16th September with Dr. Michelle Foster (Dean) and Dr. Jianlin Chen (Associate Dean) of Melbourne Law School, along with Dr. Archana Sarma (Head, School of Law, NCU), in New Delhi to explore academic collaborations between the two institutions, aiming to strengthen global ties and internationalise legal education at NCU.

During the interaction, Prof. Nupur Prakash briefed the team from Melbourne Law School about The NorthCap University and the various programs offered by NCU, including the initiatives taken by the university to strengthen international relations with universities worldwide. This meeting marked the beginning of a potential long-term partnership that promises to enrich legal education and research while fostering a deeper understanding of the legal systems of both nations.

- Prof. Nupur Prakash signed a Memorandum of Understanding (MoU) with the Association of Indian Universities (AIU) on 12th September at AIU headquarters in Delhi. This MoU aims to establish an Academic and Administrative Development Centre (AADC) at NCU, providing much-needed training and development opportunities for faculty members and administrative staff from Indian universities and other Higher Education Institutions (HEIs).

The MoU was formally signed by key representatives from both organisations: Dr. (Mrs.) Pankaj Mittal (Secretary General, AIU), Prof. Nupur Prakash (Hon'ble Vice Chancellor, NCU), Ms. Ranjana Parihar (Joint Secretary, AIU), and Dr. Satnam Singh (Coordinator, AADC, NCU).

This MoU marks a significant milestone for NCU as it seeks to build a robust platform for academic and administrative excellence through structured programmes that address the ever-evolving needs of the higher education sector in India. Under the terms of the agreement, NCU shall organise a series of short-term training and capacity-building programmes aimed at enhancing the professional skills of faculty members and administrative staff from universities and HEIs across the country. These programmes will cover a wide range of areas, including pedagogical innovation, leadership development, NEP implementation, digital transformation in education, and governance of educational institutions.

- On 19th September, Prof. Nupur Prakash attended the SRC Pre-Ph.D. submission meeting of Ms. Akansha Singh at GGSIPU, New Delhi, as her Ph.D supervisor. Ms. Singh presented her pre-Ph.D synopsis titled "Metaheuristic Multi-optimization-Based Machine Learning Model to Predict Chronic Diseases," under the guidance of Prof. Nupur Prakash and Prof. Anurag Jain (Universal School of ICT, GGSIPU).
- On 28th September, Prof. Nupur Prakash attended a National Conference on Transforming Higher Education & Skilling towards Viksit Bharat @2047 and Educational Excellence Awards 2024 at India Habitat Centre, New Delhi, organised by Services Export Promotion Council, under Department of Commerce Ministry of Commerce and Industry, Government of India.







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