

Newsletter

January 2026



THE NORTHCAP UNIVERSITY

(For Internal Circulation only)

Department of Computer Science and Engineering

Fidelity 'Women in AI' Industry Interaction Event

The NorthCap University participated in the Fidelity 'Women in AI' Industry Interaction event held on 12th January, at Fidelity International, Gurugram. The event aimed to promote women's participation in Artificial Intelligence and provided students with valuable exposure to industry practices and professional insights. The university was represented by Dr. Purna Singal, Associate Professor, and Dr. Swati Gupta, Assistant Professor, who accompanied 10 shortlisted female students from BTech 3rd year for this exclusive industry interaction. The visit focused on strengthening industry-academia collaboration and enabling students to engage directly with industry experts. A key highlight of the event was the panel discussion conducted by Ms. Shikha Munjal, Associate Director, and Ms. Shelly Tyagi, EL GRC Lead Consultant, who shared insights on Artificial Intelligence, career growth, and professional experiences in the technology sector. Their discussion offered students practical perspectives on navigating careers in AI and understanding industry expectations. As part of the event, students received project guidance and mentoring from Ms. Shikha Munjal, Ms. Shelly Tyagi, Ms. Shalini Chopra, and Mr. Rahul Jain, Director- AI. The experts reviewed student projects, shared constructive feedback, and provided industry-oriented recommendations to enhance project relevance and implementation. One of the projects showcased was 'AI-Based Anomaly Detection in Network Security', developed by Sanchi



Jain, which was shortlisted for presentation before the industry experts. The interaction reinforced the importance of mentorship, real-world exposure, and representation of women in technology, contributing to students' professional growth and confidence in the field of Artificial Intelligence.

FDP on Machine Learning and Deep Learning using Intel Servers & oneAPI Toolkits

The Department of Computer Science and Engineering, in collaboration with Intel and HPE, successfully organised a five-day Faculty Development Programme (FDP) on 'Machine Learning and Deep Learning using Intel Servers & oneAPI Toolkits' from 12th-16th January. The FDP commenced with an inaugural ceremony graciously attended by Hon'ble Pro-Chancellor, Prof. Prem Vrat and Registrar, Commodore Diwakar Tomar, setting the tone for a focused and impactful academic initiative. The FDP offered an enriching learning experience with strong emphasis on hands-on training and practical implementation, leveraging Intel Servers and oneAPI toolkits to provide real-world exposure to optimised AI workflows and scalable deep learning solutions.



The sessions were delivered by Mr. Suhaas. D, AI Engineer at Edgate Technologies and Intel Unnati trainer, whose expert insights and engaging approach significantly enhanced participants' conceptual clarity and practical understanding.

The programme was led by the conveners, Dr. Srishti Sharma and Dr. Bhavana Sharma, under the guidance of Head, CSE, Prof. (Dr.) Rita Chhikara.

The department extends its sincere gratitude to the Hon'ble Vice Chancellor, Prof. Nupur Prakash and the university management for their continued support and vision in promoting advanced learning initiatives. This FDP marked an important step towards strengthening industry-relevant skills and advancing excellence in AI education and research.



CSE International Alumni Masterclass Series – Alma Connect 3.0

The Department of Computer Science and Engineering, The NorthCap University, organised the first talk of Alma Connect 3.0 (Season 3) under the CSE International Alumni Masterclass Series on 30th January, during the January–June 2026 academic term. The session was delivered by Ms. Divya Sharma (CSE Batch 2013–17), Senior PostgreSQL Database Engineer at Amazon Web Services, Dublin, Ireland, on the topic 'What to Focus on While Interviewing for Jobs.' Drawing from her extensive industry experience, she shared practical insights on technical interview preparation, problem-solving skills, resume building, and understanding recruiter expectations. The talk witnessed active participation from BTech CSE students across all years, followed by an engaging Q&A session that allowed students to interact directly with the alumna and gain clarity on career paths and interview strategies.

Led by Prof. (Dr.) Rita Chhikara, Head, CSE, and coordinated by Dr. Anuradha Dhull, Dr. Yogita Gigras, and Dr. Ankita Bhalla, the session strengthened alumni–student engagement and academia–industry connect.



Department of Multidisciplinary Engineering

BTECH ECE Semiconductor Design & Technology students successfully completes immersion programme at IIT Mandi

Select BTech ECE students specialising in Semiconductor Design and Technology completed a remarkable journey of immersion programme and first-semester module at IIT Mandi, from 6th to 12th January. IIT Mandi formally welcomed the BTech ECE students of 2025 intake, marking the commencement of an exciting academic collaboration. Under this unique partnership, the students were taught and trained by IIT Mandi professors in the advanced areas of semiconductor design and technology. Through this collaboration, they gained access to a vibrant academic ecosystem, state-of-the-art laboratory infrastructure, research-driven learning, and invaluable professional exposure. Last year, NCU launched the BTech Electronics & Communication Engineering programme with a specialisation in Semiconductor Design & Technology, aligning with India's Semiconductor Mission and sharing a vision of nurturing future-ready engineers who will contribute meaningfully to the nation's technological growth.



ATAL Online FDP on Advances in Semiconductor Technologies

Department of Multidisciplinary Engineering successfully organised the AICTE-sponsored ATAL Online Faculty Development Program (FDP) on 'Advances in Semiconductor Technologies: From Fundamentals to AI-Driven VLSI Design and Packaging', held from 12th-17th January. The six-day programme witnessed enthusiastic participation from more than 300 external participants from across PAN India, creating a vibrant national platform for knowledge exchange. Aligned with India's rapidly expanding semiconductor ecosystem, the FDP emphasised a holistic understanding of technologies spanning the complete value chain—from design and fabrication to packaging and testing. Participants gained insights into cleanroom technologies, vacuum systems, lithography, etching, and other key fabrication processes, along with advanced topics such as EDA tools, AI/ML applications in VLSI, and the RTL-to-GDSII design flow. The programme also covered emerging areas including semiconductor packaging, nanomaterials, and analog and mixed-signal VLSI design, enabling participants to bridge foundational concepts with next-generation innovations. Eminent experts from IIT Mandi, IIT Delhi, Sahasra Semiconductors, IESA, Agnisis Inc., Four-C-Tron, Northern Illinois University, USA, and Shibaura Institute of Technology (SIT), Japan, among others, shared valuable perspectives on global market

trends, India's OSAT ecosystem, and future industry directions. Through expert talks, interactive discussions, and real-world insights, the FDP significantly strengthened participants' technical competencies, research orientation, and industry awareness—contributing meaningfully to India's vision of self-reliance and global leadership in semiconductors.



National Education Day Celebration

The Institution's Innovation Council (IIC-NCU), The NorthCap University, in collaboration with Club Aluminate organised the National Education Day Celebrations to commemorate the birth anniversary and educational legacy of Maulana Abul Kalam Azad, India's first Education Minister. The event aimed to promote education as a lifelong, innovative, and boundary-less journey. The theme, 'Education Takes Flight: Learning Beyond Boundaries,' was highlighted through Poster Making and Reel Making Competitions, providing students with creative platforms for expression. 120 students from various departments actively participated, showcasing creativity, critical thinking, and digital storytelling skills. All participants were awarded e-certificates, reinforcing student engagement and innovation-driven learning aligned with IIC objectives. The event was coordinated by Dr. Anmol Bhatia Associate Professor, Department of MDE, and President, IIC-NCU.

Session on Achieving Problem-Solution Fit through Creative Thinking

The Institution's Innovation Council (IIC), The NorthCap University, in collaboration with Club Aluminate organised a hands-on workshop titled 'Achieving Problem-Solution Fit through Creative Thinking' on 19 November 2025. Conducted by Mr. Naveen Goyal, Senior Social Media Strategist at AIS Infosource and a distinguished NCU alumnus, the session aimed to foster innovation and entrepreneurial thinking among students. Sixty-five students, working in 13 teams, participated in interactive activities, brainstorming exercises, and real-world case discussions focused on problem identification and solution development. The workshop enhanced students' creative thinking, collaboration, and decision-making skills, effectively bridging theoretical concepts with practical, real-world applications and strengthening the university's innovation ecosystem. The event was coordinated by Dr. Anmol Bhatia, Associate Professor, Department of MDE, and President, IIC-NCU.

Workshop on AI & Industry 4.0 Tools for Innovators and Entrepreneurs

The Institution's Innovation Council (IIC), The NorthCap University, in collaboration with Club Aluminate NCU, organised a hands-on workshop titled "AI and Industry 4.0 Tools for Innovators and Entrepreneurs." The session was conducted by Mr. Danish Kapoor, Tech Audit Senior Manager, Protiviti India Limited, who shared industry insights on AI, automation, data analytics, and digital transformation. Fifty-four students from various disciplines actively participated in interactive discussions and practical demonstrations. The workshop enhanced students' understanding of emerging technologies, digital skills, and innovation-driven problem-solving, effectively bridging academic learning with real-world industry applications and strengthening the university's innovation and entrepreneurship ecosystem. The event was coordinated by Dr. Anmol Bhatia Associate Professor, Department of MDE, and President, IIC-NCU.



School of Law

Workshop on NHRC on Reimagining Child Rights in India

The School of Law, The NorthCap University, Gurugram, in collaboration with the National Human Rights Commission (NHRC), New Delhi, successfully organised a Two-Day Seminar titled 'Reimagining Child Rights in India: Assessing the Impact of New Criminal Laws' on 30th and 31st January.

The inaugural session commenced with a warm welcome address by Prof. Prem Vrat, Pro-Chancellor and Chief Mentor, The NorthCap University, who underscored the University's steadfast commitment to social justice and child-centric legal education. The valedictory session was graced by Prof. Nupur Prakash, Vice Chancellor, The NorthCap University, who reflected on the key outcomes and academic deliberations of the seminar. The Chief Guest for the valedictory session, Prof. (Dr.) G.S. Bajpai, Vice Chancellor, National Law University Delhi, delivered an insightful address on the future trajectory of child rights jurisprudence in India. The session concluded with the distribution of certificates to the participants, followed by a formal vote of thanks proposed by Prof. (Dr.) Archana Sarma, Head, School of Law.

The seminar was enriched by the presence of eminent speakers, including Shri Amod Kanth – Retired DGP, Arunachal Pradesh & Founder, Prayas Institute of Juvenile Justice, Justice Dharmesh Sharma – Former Judge, Delhi High Court, Mr. Sateesh Balan, IPS – Inspector General, Haryana Police, Dr. Subhradipta Sarkar – Associate Professor, Jamia Millia Islamia, Dr. Vasundhara Sachdeva – Managing Director, Centre of Excellence in Alternative Care, Dr. Madhulika Sharma – Representative, Network for Access to Justice and Multidisciplinary Outreach Foundation, Ms. Mahima Garg, Child Psychologist, and Adv. Purushottam Sharma Tripathi – Advocate-on-Record, Supreme Court of India.



Community Service Events

- Manovriti - The Community Service and Mental Health Club of The NorthCap University, held a 2-day event 'Mind Reset: Semester Edition' between 29th and 30th January, aimed at allowing the students understand the relevance of letting go and 'reset' oneself in this new semester by utilising resources to help adjust to this new change. During the event, activities such as Word Cloud Generator, Habit loop decoding exercise (cue–routine–reward) and Interactive goal-mapping activity (academic + personal) through SWOT Analysis were conducted through guided exercises by Manovriti Student Coordinators. Cumulatively, 5 CS Hours were disbursed to the participants for participating in the events.
- The Sehyog Club of The NorthCap University organised an awareness-driven event titled 'When Silence Hurts' on 29th January, with the objective of promoting mental health awareness and suicide prevention among students. The event aimed to encourage open dialogue, empathy, and proactive peer support while equipping students with essential knowledge to recognise emotional distress and early warning signs related to mental health concerns. The event included a seminar by Dr. Samiksha Jain and Ms. Mehak (Department of Psychology), followed by an interactive scenario-based quiz and guided group discussions facilitated by Sehyog Club coordinators. Participants actively engaged in discussions and reflective activities, fostering a supportive and compassionate campus environment.
- On the occasion of National Girl Child Day, the NSS Unit of The NorthCap University organised a three-day Donation Drive from 21st to 23rd January at the NCU Campus. The initiative aimed to support the health, education, and dignity of young girls by encouraging students and faculty to donate hygiene items, educational materials, and clothing. NSS volunteers efficiently managed collection, documentation, and logistics throughout the drive. The event received enthusiastic participation from the university community and helped sensitise participants towards social responsibility and community service. Contributors were awarded Community Service (CS) hours based on the type of donation, and the drive successfully reflected the NSS motto of Service Before Self by creating a positive impact on society.
- The NSS Unit of NCU, in collaboration with One Just World, organised an awareness session titled 'Compassionate Choices: From Awareness to Action' on 29th January. The session, conducted offline, focused on creating awareness about how everyday choices impact public health, the environment, and society. Led by Ms. Manisha, the session included expert insights and interactive discussions that encouraged ethical thinking and service-oriented action among students. The event was informative and impactful, motivating participants to adopt compassionate and responsible practices, and all participants were awarded 2 Community Service (CS) hours.

Career Services & Alumni Relations (CSAR)

MoU Signing Ceremony with Swarna Jayanti Haryana Institute for Fiscal Management (SJHIFM), Govt. of Haryana

The NorthCap University signed a Memorandum of Understanding (MoU) with the Swarna Jayanti Haryana Institute for Fiscal Management (SJHIFM), Government of Haryana, unlocking hands-on public policy research and innovation, internships, and field exposure for students. The MoU was conferred by the Hon'ble Chief Minister of Haryana, Mr. Nayab Singh Saini on 8th January in Panchkula. This strategic collaboration marks an important step towards strengthening policy-driven research, evidence-based governance, and capacity building. This reflects NCU's commitment to academia-government collaboration that contributes to public policy innovation, sustainable development, and student experiential learning.



International Relations Office

International Academic Collaboration with National Chi Nan University, Taiwan

NCU signed a Memorandum of Understanding (MoU) with National Chi Nan University (NCNU), Taiwan. This partnership marked an important milestone in strengthening our global academic connections. The agreement enabled student exchange programmes with tuition fee waivers, joint academic activities, and opportunities for future collaboration in research and joint PhD programmes. NCNU's strong research environment and diverse academic offerings created valuable learning experiences for our students and faculty. This collaboration reflected our commitment to global engagement and aimed to broaden academic horizons through shared knowledge, cultural exchange, and meaningful international cooperation.



Expert Online Session: Exploring the William & Mary-NorthCap University MoU for Graduate Business Studies in the USA

The NorthCap University hosted an expert online session to highlight the Memorandum of Understanding (MoU) between William & Mary and The NorthCap University for graduate business studies in the USA. The session offered valuable insights into academic pathways, global exposure, and opportunities available to students under this partnership. The session was led by Ms. Amanda Barth – Associate Dean, Graduate Admissions and Recruitment, William & Mary Raymond A. Mason School of Business – who shared details about programmes, admissions, and the benefits of studying in the USA.

NEXUS – International Opportunities Fair

The International Relations Office successfully organised the NEXUS – International Opportunities Fair, welcoming 500+ students along with their teachers from leading schools for an engaging and enriching experience. The event aimed to spark curiosity, encourage creativity, and introduce students to global learning opportunities and modern academic pathways. NCU hosted participants from SCR School, GEMS International School, Lord Jesus Public School, Rotary Public School, Red Roses Public School, Sidheshwar Sr. Sec. School, and Lady Florence Convent School.

The fair featured interactive sessions, meaningful discussions, and collaborative activities. Students explored new ideas, interacted with academic mentors, and gained valuable insights into international education and future career options. Gratitude was expressed to all schools, students, and teachers for making NEXUS a great success.



NCU Partnered with National Formosa University, Taiwan

On 31st January, The NorthCap University partnered with National Formosa University (NFU), Taiwan. This collaboration opened doors for students and faculty to learn, explore, and grow together. Both universities worked on student and faculty exchanges, joint research projects, and programme blending language learning with cultural experiences. They also collaborated on degree and certificate programme. This MoU was not just about academics—it was about building connections, sharing knowledge, and giving students and faculty a chance to experience education on a global stage.

Faculty Outreach and Achievements

- Prof. (Dr.) Rita Chhikara successfully completed the NEP 2020 Orientation & Sensitisation Programme with Grade A+ under UGC–MMTTP, conducted from 8–17 December 2025 at MMTTC, Shri Mata Vaishno Devi University, Katra.
- Prof. (Dr.) Rita Chhikara attended the virtual session on 'Building Scalable Digital Campuses for Hands-on Skill Development,' held on 20th January. The session was organised by the Services Export Promotion Council (SEPC) in collaboration with Metisoft Labs.
- Dr. Vaishali Sahu attended a session on 'Building Scalable Digital Campuses for Hands-on Skill Development' on 20th January, organised by the Services Export Promotion Council (SEPC). The session focused on leveraging digital infrastructure and technology-enabled learning models to enhance experiential learning and skill-based education in higher education institutions.
- Dr. Vaishali Sahu was invited and has become a Technical Committee Member of the 14th Asia Conference on Mechanical and Materials Engineering (ACMME 2026), held in Osaka, Japan, from 22nd-26th January. This recognition follows her significant academic contributions and support to ACMME 2025 and reflects her growing international engagement and expertise in the field of engineering and materials research.
- Dr. Shaveta Arora has successfully participated & completed one-week AICTE Training And Learning (ATAL) Academy Faculty Development Programme (FDP) on Quantum Computing at RKGIT from 5th to 10th January.
- Dr. Vaishali Sahu published a book titled 'AI in Modern Civil Engineering with Technical Press.' The book highlights the growing role of Artificial Intelligence in transforming civil engineering practices across planning, design, construction, and sustainability.
- Dr. Unanza Gulzar, Dr. Deborisha Dutta, and Mr. Himangshu Rathee attended the 7-Day Faculty Development Programme, 'Dharma to Data,' organised by Xavier Law School, St. Xavier's University, Kolkata. Conducted from 12th-19th January in virtual mode, the programme explored the integration of Indian Knowledge Systems with AI-driven innovation in contemporary legal pedagogy and practice. Spanning 36 intensive hours, the FDP offered interdisciplinary insights into ethical technology use, data-informed teaching, and culturally grounded jurisprudence. Their participation enriched pedagogical perspectives and strengthened the School of Law's commitment to blending tradition with technology in legal education for future-ready classrooms.

- Prof. Rita Chhikara successfully attended the session on 'Building Scalable Digital Campuses for Hands-On Skill Development' held on 20th January by Services Export Promotion Council set up by the Ministry of Commerce and Industry, Govt. of India.

Students' Achievements

Hackathon Winners - Cybersecurity - CSE Students Secure Second Runner-Up Position at Sprint4Good AI Hackathon, IIT Delhi

The computer science & engineering students achieved the Second Runner-Up position at the Sprint4Good AI Hackathon, held at IIT Delhi and organised by NASSCOM Foundation in collaboration with Cisco thingQbator.

During the intensive 12-hour hackathon, the team, Frantic Coders, developed Swift Sane, an AI-driven solution aimed at automating Governance, Risk, and Compliance (GRC) processes in alignment with SEBI CSCRF requirements. The solution focused on improving efficiency, traceability, and compliance assurance through intelligent automation.

The team comprised Jatin Kumar Singh, Harshit Rana, and Harsh Yadav, who competed with over 200 participants from across the country. Their innovative approach earned them a cash prize of ₹20,000.

The team was mentored by Dr. Prachi and Dr. Shilpa Mahajan. This achievement reflected NCU's strong presence and excellence on a national innovation platform.

Psychology Students' Internship Programme

In the month of January, a team of 22 students from BA Psychology and MA Psychology undertook a one-month internship at VIMHANS, New Delhi. The internship provided comprehensive training in psychological disorders, the importance of therapeutic relationships, intervention planning, and trauma-based therapy. Through hands-on exposure to clinical settings, students gained practical insights into mental health practices, therapeutic techniques, and patient care. The learning experience was further enriched through online classes focused on in-depth case study discussions, strengthening their clinical understanding and professional skills.

Research at NCU

Journal Publications

- Arjun Singh* (2025) 'Study on the Impact of Hole Transport Materials on Loss Mechanisms in Pb-Free Perovskite Solar Cells: A Computational Study', Journal of Physics and Chemistry of Solids, Vol. 208, pp. 1-8, APS2026J0001.
- Chetna Gupta and Rajni Rohila* (2024) 'Numerical Simulation of Three Dimensional Chaotic System by A Quintic B-Spline Method', International Journal of Convergence in Healthcare, Vol. 4, No. 2, pp. 11-20, APS2026J0002.

- Hemant Kumar* and Hukum Singh (2025) 'A Secure Image Encryption Algorithm Combining Random Scrambling, Interpolated Radon-Based Diffusion and A Novel One-Dimensional Chaotic Map', *Optik*, Vol. 339, pp. 1-18, APS2026J0003.
- Hemant Kumar and Hukum Singh*, Vipin Yadav (2025) 'Vortex Array-Based Cryptosystem Using Thue-Morse Zone Plate, SVD and QZ Decomposition in the Fractional Fourier Transform Domain', *Journal of Optics*, Doi: <https://link.springer.com/article/10.1007/s12596-025-02899-x>, APS2026J0004.
- Philo Daisy Rani L, Mohideen Abdul Kadir K J*, Anurag Agarwal, Niharika Singh, Payal Khurana, Prasanta Chatterjee Biswas (2025) 'Emotional Intelligence the Key to Unlocking Exceptional On Leadership Performance', *The Journal of African Development*, Vol. 6, No. 1, pp. 252-258, CLL2026J0001.
- Priyanka Saini*, Shrutimita Mehta and Payal Khurana (2025) 'Artificial Witness: Unraveling The Human Complacency In The Face Of Environmental Crisis', *Lang Lit : An International Peer-Reviewed Open Access Journal*, Vol. 10, No. 1, pp. 302-306, CLL2026J0002.
- Priyanka Saini, Payal Khurana* and Shrutimita Mehta (2025) 'Dissecting the Withering Fields: A Critical Study of Farmer's Suicide in Anita Agnihotri's the Sickie.', *MSW MANAGEMENT -Multidisciplinary, Scientific Work and Management Journal*, Vol. 35, No. 2, pp. 782-789, CLL2026J0003.
- Deepika*, Shaveta Arora and Meghna Sharma (2025) 'Highly Accurate Hybrid Method For Attention Deficit Hyperactivity Disorder Classification Based On ANFIS-RFE-GWO', *Interdisciplinary Description of Complex Systems*, Vol. 23, No. 6, pp. 632-657, CSE2026J0001.
- Sakshi Gandotra*, Rita Chhikara and Anuradha Dhull (2025) 'Smart Farming: Real-Time Rice Yield Forecasting On Mobile Devices Using Lightweight CNN-LSTM', *Smart Agricultural Technology*, Vol. 13, No. 101664, pp. 1-16, CSE2026J0002.
- Shilpa Dinesh Vispute and Priyanka Vashisht* (2023) 'Energy-Efficient Task Scheduling in Fog Computing Based on Particle Swarm Optimization', *SN Computer Science*, Vol. 4, No. 391, pp. 1-9, CSE2026J0003.
- Parminder Singh, Amanpreet Sandhu, Yunis Khan, Roshan Raman*, Praveen Barmavatu and Aman Garg (2025) 'Energy-Efficient Parameter Estimation of Solid Oxide Fuel Cells Under Varying Pressure Conditions Using the Black Widow Optimization Algorithm', *Frontiers in Energy Research*, Vol. 13, pp. 1659232, MDE2026J0001.
- Mahesh Kumar Balthy, Roshan Raman* and Rohit Singh Lather (2025) 'Autonomous Vehicle Steering Noise Diagnosis Using a Novel End-of-Line Acoustic Screening Methodology', *Journal of Vibration Engineering & Technologies*, Vol. 13, No. 7, pp. 1-8, MDE2026J0002.
- Deepika Latka, Mona Aggarwal* and Swaran Ahuja (2025) 'UAV-Enabled Triple-Hop Mixed RF/FSO Networks: Reliability and Altitude Optimization', *Journal of Optical Communications*, Doi: <https://doi.org/10.1515/joc-2025-0275>, MDE2026J0003.
- Piyush Kumar, Anjali Garg and Nitin Malik* (2026) 'Techno-Commercial Viability Of Hybrid Solar Battery Projects For Distributed Grids With Time of Day Tariffs', *Facta Universitatis*, Vol. 39, No. 1, pp. 181-195, MDE2026J0004.
- Nitu Rana* and Shaveta Arora (2025) 'Feature Selection Using Sparsity-Aware Differential Evolution For Accurate Defect Detection In Photovoltaic Modules', *International Journal of Applied Mathematics*, Vol. 38, No. 2s, pp. 1021-1040, MDE2026J0005.
- D. R. Agarwal and Priyanka Banerji* (2025) 'Revisiting Inequality in the Wake of Growth: Statistical Narratives and Fiscal Insights from the Indian Economy (2000–2023)', *Effulgence – A Management Journal*, Vol. 23, No. 2, pp. 127-139, MOC2026J0004.
- Rekha Pillai, Parul Kumar*, Neha Kumar and Mosab I. Tabash (2025) 'Decoding Financial Behaviour Through Cognitive and Digital Pathways: A Hybrid SEM–ANN Study Among Indian Working Women', *Borsa Istanbul Review*, Doi: <https://doi.org/10.1016/j.bir.2025.09.007>, MOC2026J0005.
- Amar Kumar Mishra*, Swati Bisht, Saumya Sharma, Ankur Jauhari and Vipul Jain (2025) 'Visualising Women Entrepreneurship in India: A Data Study on Growth, Trends and Opportunities', *International Journal of Intelligent Enterprise*, Vol. 13, No. 1, pp. 74-100, MOC2026J0006.
- Mansi*, Saumya Sharma and Sona Vikas (2024) 'Identification of Employee Engagement Drivers Using Analytics', *ASB International Journal of Management And Technology*, Vol. 5, No. 1, pp. 40-46, MOC2026J0007.
- Purvi Jain and Shikha Yadav* (2025) 'Breaking Barriers, Building Brands: A Gendered Analysis of Digital Solopreneurship in India's Tier-2 and Tier-3 Cities', *Gurugram University Business Review*, Vol. 5, No. 2, pp. 43-52, MOC2026J0001.
- Shikha Yadav*, Saumya Sharma, Sona Vikas and Geetanjali Batra (2025) 'Burnout, Distrust, and Turnover: The Cynicism Epidemic in India's IT Sector', *SAMIKHIYA A Multidisciplinary Research Journal*, Vol. 4, No. 1, pp. 104-114, MOC2026J0002.
- Shikha Yadav*, Saumya Sharma and Sona Vikas (2026) 'Artificial Intelligence and the Cynical Employee: Understanding Fairness, Support, and Trust in the Digital Workplace', *Journal of Scientific Advances*, Vol. 2, No. 4, pp. 77-87, MOC2026J0003.
- Arunima Shrivastava* and Neha Jain (2025) 'Digital Dignity in the Age of People Analytics and AI: A Qualitative Analysis of Employees Perception of Workplace Surveillance and Data Privacy', *NCU Law Review*, Vol. 6, No. Issue 1 & 2, pp. 97 -112, PSY2026J0001.
- Akanksha*, Devina Sharma and Swati Saxena (2025) 'Voices From The Frontline: A Phenomenological Study of Emotional and Professional Realities Among Indian Nurses', *International Journal of Multidisciplinary Educational Research*, Vol. 14, No. 12 (7), pp. 84-90, PSY2026J0002.

Book Chapters

- Shilpa Dinesh Vispute and Priyanka Vashisht* (2023) 'Optimized Energy Efficient Task Scheduling in Fog Computing' in *Innovations in Computational Intelligence and Computer Vision*, Part of the book series: *Lecture Notes in Networks and Systems*, Chapter 56, pp. 735-746, Springer Nature Singapore, ISBN-978-981-99-2602-2, CSE2026BC0001.
- Deepika*, Shaveta Arora and Meghna Sharma (2025) 'Comparative Analysis of Different Classifiers for Attention Deficit Hyperactivity Disorder Detection' in *Data Science & Exploration in Artificial Intelligence*, *Proceedings of the First International Conference On Data Science & Exploration in Artificial Intelligence (CODE-AI 2024)*, Chapter 43, pp. 301

- 306, CRC Press, ISBN-9781003587392, CSE2026BC0002.

- Renu Vadhera and Meghna Sharma* (2024) 'Optimizing Pulmonary Embolism Detection Through Diverse UNET Architectural Variations' in Innovations in Sustainable Technologies and Computing, Part of the book series: Innovations in Sustainable Technologies and Computing, Chapter 19, pp. 277-300, Springer Nature Singapore, ISBN-978-981-97-7831-7, CSE2026BC0003.
- Parul Khanna* (2025) 'Adapting to the future: Nexus between Industry 5.0 and sustainable banking' in Industry 5.0: Emerging Paradigms for Business, Technology, and Society, Chapter 12, pp. 220-231, CRC Press Taylor & Francis Group, ISBN-9781003684961, MOC2026BC0001.
- Richa Gaur* and Deergha Sharma (2025) 'Exploring the intersection of ESG frameworks and Industry 5.0 - A Bibliometric Network Analysis of Sustainability, Governance, and Corporate Performance' in Industry 5.0: Emerging Paradigms for Business, Technology, and Society, Chapter 13, pp. 232-249, CRC Press Taylor & Francis Group, ISBN-9781003684961, MOC2026BC0002.
- Kriti Gulati* and Deergha Sharma (2025) 'Sustainable Hotels in the Era of Industry 5.0: A Bibliometric Analysis' in Industry 5.0: Emerging Paradigms for Business, Technology, and Society, Chapter 15, pp. 262-286, CRC Press Taylor & Francis Group, ISBN-9781003684961, MOC2026BC0003.

Conference Proceeding

- Shilpa Dinesh Vispute, Nishi Gupta* and Priyanka Vashisht (2024) 'Hybrid Population-based Bi-Objective Task Scheduling Algorithm for Fog Computing', International Conference on Intelligent Systems for Cyber Security (ISCS 2024), pp. 1-6, CSE2026P0001.

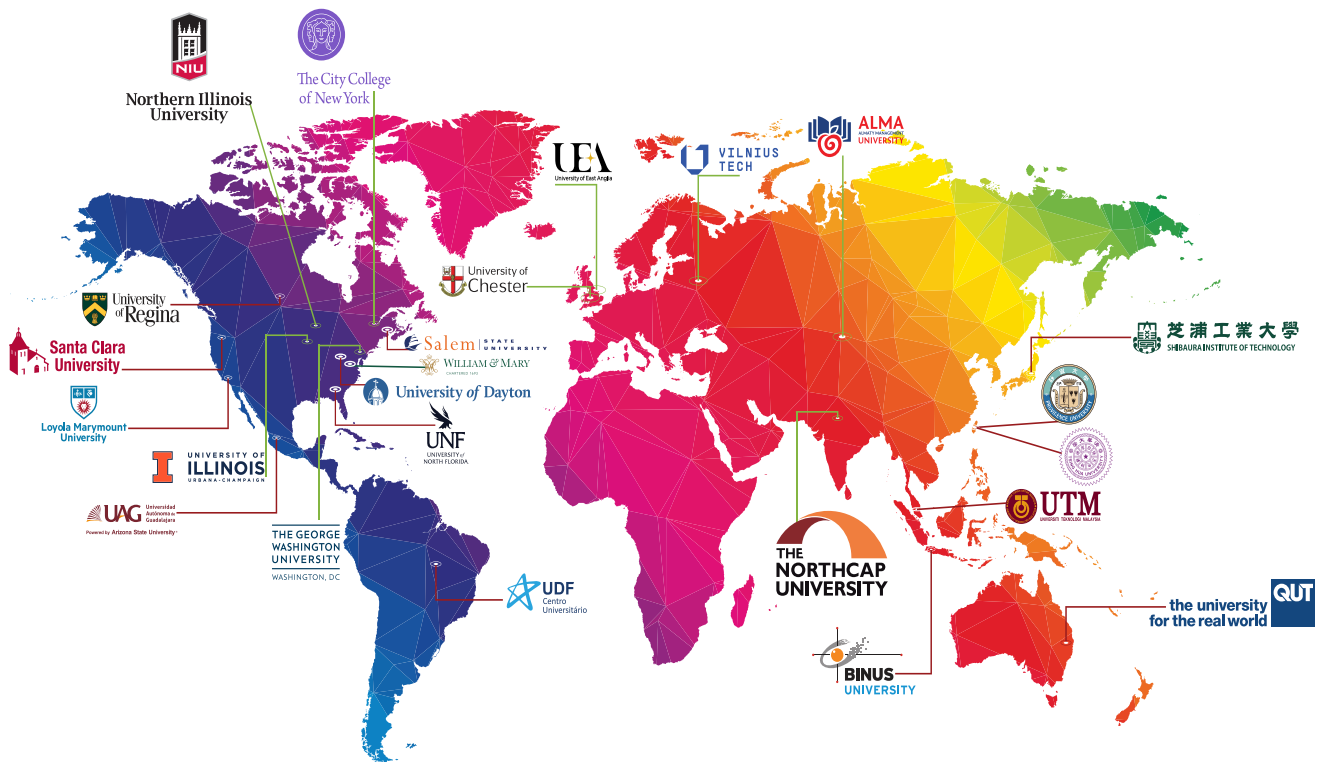
Conference Presentations

- Saumya Sharma and Shikha Yadav (2025) 'Investigation of Workplace Loneliness and Personal Wellbeing in Private Higher Education Institutions: A JD-R Model Approach in India', Gurugram University, MOC2026C0001.
- Kriti Gulati and Deergha Sharma (2025) 'Understanding the Factors Shaping Sustainable Hotel Re-Visit Intentions', Management Development Institute (MDI), Gurgaon, MOC2026C0002.

Note: * for Corresponding Author

YOUR PASSPORT TO GLOBAL OPPORTUNITIES

via The NorthCap University



Outreach Activities of Prof. Nupur Prakash, Hon'ble Vice Chancellor



Prof. Nupur Prakash
Vice Chancellor

- On 20th January, Prof. Nupur Prakash participated in an online webinar on 'Building Scalable Digital Campuses for Hands-on Skill Development', jointly organised by the Services Export Promotion Council (SEPC), set up by the Ministry of Commerce & Industry, Government of India, in association with Metisoft Labs.

The webinar focused on advancing discussions around digital transformation in education, development of scalable digital campus models, and technology-driven approaches for experiential and industry-relevant skill development. It brought together senior leaders from academia, industry, EdTech organisations, and policy institutions, who deliberated on best practices, emerging technologies, and collaborative frameworks required to build future-ready digital campuses.

Prof. Nupur Prakash contributed to the discussions as an Eminent Speaker, sharing insights drawn from her academic leadership and experience in strengthening technology-enabled learning ecosystems. Her participation reflected The NorthCap University's commitment to innovation-driven education and skill development aligned with national priorities.

VIRTUAL SESSION ON BUILDING SCALABLE DIGITAL CAMPUSES FOR HANDS-ON SKILL DEVELOPMENT

SEPC | **Metisoft LABS**

Date: **20th January 2026**
Time: **11:30AM Onwards**

Register now at: https://ssom.us/webinar/register/WN_QYsQnPrTto4_043p728Q

SESSION MODERATOR

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Participants will receive a certificate upon successful completion of the webinar

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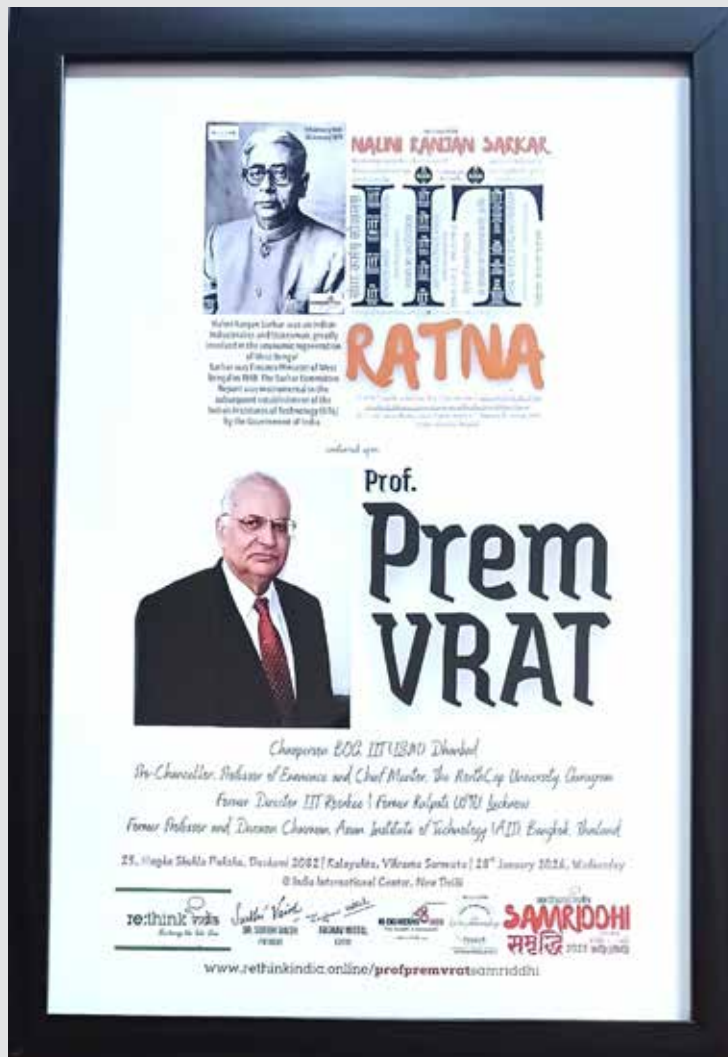


Outreach Activities of Prof. Prem Vrat, Pro-Chancellor, Professor of Eminence and Chief Mentor



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

- Prof. Prem Vrat chaired the first Board of Governors meeting of Indian Institute of Information Technology, Kalyani on 29th January in virtual mode.
- Prof. Prem Vrat was felicitated with the IIT Ratna Award during SamRiddhi 2025 celebrations – organised by Re-think India at the India International Centre, New Delhi on 28th January. The event featured the invocation of 18 eminent personalities and deliberations on 12 transformational themes focused on the vision of inclusive and equitable Viksit Bharat @ 2047.





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