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## The University at a Glance

The NorthCap University, previously known as ITM University, was established in 1996 with the aim of promoting excellence in technical and management education. It was affiliated with Maharishi Dayanand University, Rohtak. The institution obtained the status of a university through the Haryana Private Universities (Third Amendment) Act 25 of 2009, a legislative act by the Government of Haryana. The university is duly recognised by the University Grants Commission under Section 2(F), granting it the authority to confer degrees in accordance with Section 22 of the UGC Act of 1956 and also under Section 12(B). The NorthCap University also holds recognition from the Bar Council of India. The university has been accredited with an "A" Grade by NAAC during the second cycle and holds the membership of Association of Indian Universities (AIU). The university emphasises interdisciplinary education and adheres to the highest educational standards in the country. The list of recognised universities is available on the UGC website.

www.ugc.ac.in/inside/privateuniversity.html#haryana.

Nature of University: Multidisciplinary, Co-educational University offering Undergraduate, Postgraduate and Doctoral

Programmes in Engineering, Management, Liberal Studies, Humanities, Law, Media and Entertainment

Established: 1996

By: Educate India Society

In the industrial heartland of Gurugram, Haryana (located 14 km from Indira Gandhi International Located:

Airport)

Campus Address : Sector 23-A, Gurugram, Haryana, India,

Tel.: +91-124-2365811-13

Email: ncu@ncuindia.edu

Chancellor: Mr. Avdhesh Mishra

**Pro-Chancellor:** Prof. Prem Vrat

Vice-Chancellor: Prof. (Dr.) Nupur Prakash

Registrar: Commodore Diwakar Tomar NM (Retd.)

Student Population : Undergraduate: 3036

Postgraduate: 183

Doctorate 229

Male - 64.33%, Female - 35.67% **Gender Profile:** 

Faculty: 165

Scholarships: Merit-cum-Means and Merit-based Scholarships awarded.

## Vision, Mission & Core Values



#### VISION

To be known globally for learning innovations, academic excellence, and socially relevant research outcomes; strive to become the preferred destination for students, faculty, employers and collaborators & pride of alumni and the community.

#### **MISSION**

- Focus on quality of learning and innovation in all programmes with rigour and relevance.
- Develop competent professionals innovative, analytical, and independent; committed to excel in all their endeavours.
- Develop linkages globally with government, industry, academia and alumni for knowledge generation, dissemination, and application.
- Encourage multi-disciplinarity in programmes and projects to explore new frontiers of knowledge.
- Continuously improve physical, academic, and information infrastructure in pursuit of academic excellence.
- · Create a nurturing environment for lifelong learning.
- · Focus on entrepreneurship and socially relevant projects.





#### **CORE VALUES**

- · Integrity in all endeavours
- · Humility, compassion, and concern for all
- · Passion for quality and excellence
- Quest for innovation
- · Leadership and team spirit
- Autonomy with accountability
- Perseverance

## **Statutory Approvals & Accreditations**

The NorthCap University was established under the Haryana Private University (Third Amendment) Act No. 25 of 2009 and rechristened under Ordinance No. 2 of 2015 dated 22<sup>nd</sup> July, 2015, Legislative Department Haryana Government.

The university is recognised by the University Grants Commission, Govt. of India Under Section 2 (F) of the UGC Act 1956 and empowered to grant degrees under Section 22nd of the act. The university was approved by the University Grants Commission (UGC) under Section 12(B) of the UGC Act 1956 on 21<sup>st</sup> March, 2024.

The university was also approved by University Grants Commission (UGC) Distance Education Bureau (DEB) for offering BBA and BCom programmes in Online (OL) mode on 07<sup>th</sup> March, 2024.

Bar Council of India (BCI) approval for our School of Law has been received for five-year BBA-LLB (Hons) programme and the three-year LLB programme for the academic years 2022-2023 and 2023-2024 vide BCI Letter No. BCI: D:155/2022(LE/Std. 27/9/2022) dated: 01st February, 2023.

The NorthCap University, Gurugram, is a premier institution committed to academic excellence and high-quality education. It prides itself for its rigorous academic programmes, distinguished alumni, cutting-edge research, and embodies a commitment to fostering intellectual growth and contributing meaningfully to society. The NorthCap University has emerged as a self-reliant multi-disciplinary, digital-first university with more than 3000+ current students studying on its 10-acre clean and green campus and having over 12000+ well-connected Alumni placed in prestigious companies in India and abroad. As an academic institution, the university offers higher education programmes at the undergraduate, postgraduate and doctoral levels. This includes Bachelor's degrees, Master's degrees, and Doctoral degrees. Our centres of excellence span across the academic disciplines of Engineering, Management, Law, and Liberal Studies. The university has numerous global tie-ups with renowned universities like Arizona State University, USA; George Washington University, USA; Queensland University of Technology, Brisbane; University of East Angelia, UK; Santa Clara University, USA and Shibaura Institute of Technology Japan to name a few. In this regard, our students routinely visit these universities to get global exposure. Among the Govt. organisations NCU has tie ups with ISRO, NTRO, HARSAC, STPI, etc.

The university has been re-accredited as a "Premier University" by Accreditation Services for International Colleges (ASIC), UK with commendable grades on 2<sup>nd</sup> August, 2024 for a period of another four years.

















## **Rankings**

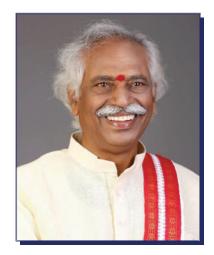
- The NorthCap University continues to nurture its ambition to be known globally for learning innovations, academic excellence, and socially relevant research outcomes. The university embraces global best practices and champions the highest ethical standards.
- The NorthCap University graded in "A" category in Cycle 2 by the National Assessment Accreditation Council for the duration of 2022-27.
- In the NIRF 2024 rankings by the Ministry of Education, Government of India, in the Engineering category NCU is placed in the rank band of 101-150.
- The NorthCap University was granted approval under Section 12(B) of the UGC Act 1956 on 21st March, 2024.
- QS Star Rating- 5-star ratings in Teaching, Academic development, Online learning, Employability and Inclusiveness (2021-2024).
   Overall, 4-Star.
- QS-I Gauge 2023, Platinum badge in School of Engineering & Technology Category, Diamond badge in Indian University Category. (2023-25)
- The university is accredited by ASIC (Accreditation Services for International Schools, Colleges and universities) as "Premier University" with commendable grades for 2024-2028.
- The NorthCap University (NCU) has been honoured with the prestigious Education Excellence Award for the "University Having Most International Collaboration" by the Services Export Promotion Council (SEPC), a unit of the Ministry of Commerce and Industry, Government of India in September, 2024.
- NCU is recognised as Top 10 promising colleges in India to study AI and Robotics by Higher Education Magazine in August 2024.





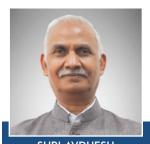


# Visitor of The University



**Hon'ble Shri Bandaru Dattatraya**Governor of Haryana

## **Governing Body**



SHRI AVDHESH MISHRA



PROF. PREM VRAT



PROF. (DR.) NUPUR PRAKASH



DR. D. SURESH, IAS

Chancellor

Pro-Chancellor, Prof. of Eminence & Chief Mentor



Vice Chancellor





SHRI SHIV SARAN MEHRA



DR. ZORAWAR DAULET SINGH

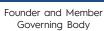


SHRI AKSHAY MAKHIJA



SHRI RAJESH MARWAHA, CA

Founder and Member Governing Body



Nominee of the Sponsoring Body Chartered Accountant and Member Governing Body



SHRI. VENKATESH SARVASIDDHI

Senior Head - Digital Skills, Innovation, Partnerships & CSR at NSDC, Ministry of Skill Development & Entrepreneurship



COMMODORE DIWAKAR TOMAR NM (RETD.)

Registrar, Member Secretary

## Academic Advisory Board

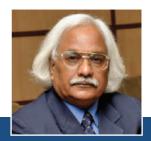


PROF. PREM VRAT
Pro-Chancellor, Prof. of
Eminence & Chief Mentor



PROF. (DR.) NUPUR PRAKASH

Vice Chancellor



PROF. P.B. SHARMA

Founder Vice Chancellor, Delhi Technological University, Vice Chancellor, Amity University, Gurugram



DR. DEVI SINGH

Former Director, Indian Institute of Management (IIM) Lucknow



PROF. S. K. KAK

Founder Vice Chancellor, Mahamaya Technical University (MTU)



PROF. RANBIR SINGH

Founder & Former Vice Chancellor, National Law University (NLU) Delhi



PROF. R C BUDHANI

Professor, Department of Physics, Indian Institute of Technology, Kanpur



PROF. AS BRAR

Former Vice Chancellor, Guru Nanak Dev University, Amritsar, Punjab



PROF. T.K. DATTA

Dogra Chair & Emeritus Professor, Dept. of Civil Engineering, IIT, Delhi



PROF. S G DESHUKH

Professor (HAG), Indian Institute of Technology, Delhi



DR. P.S. RANA

Former Chairman, Construction Industry Development Council



MR. VISHNU R DUSAD

Ex-CEO & Managing Director, Nucleus Software Exports Ltd.



DR. GIRDHAR J. GYANI

Ex-Director General, Association of Healthcare Providers, India



MR. MANGU SINGH

Former Managing Director, Delhi Metro Rail Corporation Ltd.



MR. INDU BHASKAR

Scientist G & HoD, Department of Scientific & Industrial Research, Govt. of India



HON'BLE JUSTICE M KARPAGA VINAYAGAM

Former Chairperson, Appellate Tribunal for Electricity



MS. KAVITA SARASWAT

Senior Power Engineer, World Bank



MR. ANALJIT SINGH

Padma Bhushan & Founder Chairman Emeritus of Max Group, Max India Ltd.



PROF. SIRAJ S HASAN

Distinguished Professor and Former Director, Indian Institute of Astrophysics, Bangalore



MR. SATISH KAURA

Padma Shree & Ex-Chairman, Samtel Group



MR. SUNDEEP KUMAR

Former CEO Craft Beton, Dalmia Group



MR. VIKRAM S MEHTA

Ex-Chairman, Brookings India



MR. BUNTY PEERBHOY

Ex-Director, Maa Group Holdings Pvt. Ltd.



PROF. PRADEEP KUMAR

Professor, Indian Institute of Technology, Roorkee



PROF. KARMESHU

Dean, School of Computer & Systems Sciences, Jawahar Lal Nehru University (Retd.)



MS. RUBY RAJVANSHI

Engineering Director, E&C India, Air Liquide



PROF. ANSHUL KUMAR

Honorary Professor, CSE Department Indian Institute of Technology, Delhi



PROF. M. BALAKRISHNAN

Honorary Professor, CSE Department Indian Institute of Technology, Delhi



MR. NITIRAJ SINGH

Head, Strategic Business, NVIDIA



PROF. KEHAR SINGH

Ex-Dean & Emeritus Fellow, IIT Delhi



COMMODORE DIWAKAR TOMAR NM (RETD.)

Registrar, Member Secretary

## Board of Management



PROF. (DR.) NUPUR
PRAKASH
Vice Chancellor, Chairperson



DR. D. SURESH, IAS

Principal Secretary, Dept. of Higher Education Govt. of Haryana



MR. SHIV SARAN MEHRA

Founder and Member Governing Body



DR. ZORAWAR DAULET SINGH

Founder and Member Governing Body



MRS. KAVITA MISHRA

Non-Governing Body Member (Nominee of Sponsoring Body)



MR. N. K. DEWAN

Founder and Member



COMMODORE DIWAKAR TOMAR NM (RETD.)

Registrar, Member Secretary



PROF. MANOJ KUMAR GOPALIYA

Dean, Academic Affairs, NCU



DR. ARCHANA SARMA

Head, School of Law, NCU



DR. RITA CHHIKARA

Head, Department of CSE, SOET, NCU



PROF. G. R. CHANDRASHEKHAR

Dean School of Business, NCU & Teacher of the University (Nominee of VC)



DR. DEERGHA SHARMA

Head, Department of M&C, NCU & Teacher of the University (Nominee of VC)

## Officers of The University



**GOPALIYA** Dean, Academic Affairs



**VASHISTH** Dy. Dean, International Relations Office



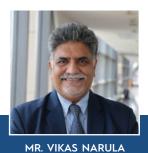
**MEHTA** Dy. Dean, Students' Welfare



Dy. Dean, RDIL & Ph.D Cell



Controller of Examinations



Director, Centre for Professional Attachment & Alumni Engagement



Chief Finance & Accounts Officer



Director, Centre for Distance & Online Education



Dy. Director, **IQAC** 



DR. ANIL JHAROTIA Librarian



Head, Marketing, Communication & Enrolment



SATYARTHI Head, IT Services



**CHAUDHARY GROVER** Manager, Human Resource







MR. RS SHARMA

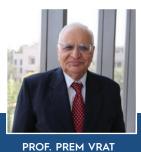
Estate Manager



DR. SUDESH KUMAR

Sports Officer

## Academic Council



Pro-Chancellor, Prof. of Eminence & Chief Mentor



**PRAKASH** Vice Chancellor Chairperson



COMMODORE DIWAKAR TOMAR NM (RETD) Registrar,



PROF. H.M. GUPTA (RETD.) Former HOD (EEE), IIT Delhi



PROF. S D JOSHI Professor, Dept. of Electrical



PROF. KUMKUM GARG (RETD.)



DR. V. G. HEGDE



PROF. RAJESH **CHADHA** 



DR PRATISHTHA **PANDEY** 



DR. KAVITA KHANNA

Former HOD (Electronics and Professor, Centre for International Computer Engg.), IIT Roorkee

Legal Studies, JNU, New Delhi



Scientist 'F' and Head R&D Infrastructure Programme, Department of Science and Technology, New Delhi

Director Admissions and Examinations, South Asian University, Delhi



DR. AMIT SANGROYA Scientist, TCS Innovation Labs, India



PROF. SWARAN AHUJA Advisor,

Academic Affairs



PROF. MANOJ KUMAR **GOPALIYA** Dean,



DR. G R CHANDRASHEKHAR Dean, NCU School of Business



DR. SHARDA VASHISTH Head, Department of Multidisciplinary Engineering



DR. RITA CHHIKARA



DR. ARCHANA SARMA



DR. HUKUM SINGH

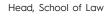


DR. NITIN MALIK



DR. ANJALI GARG

Head, CSE



HOD, Applied Sciences



Director, Centre for Distance & Online Education



DR. VAISHALI SAHU

Dy. Director, IQAC



DR. NEHA JAIN

Programme Chair, Department of Psychology



DR. DEERGHA **SHARMA** 

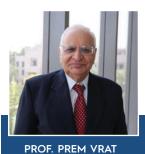
Head, Department of Management & Commerce



DR. DIVYABHA VASHISTH

Head, Centre for Language Learning

## Faculty Mentors



Pro-Chancellor, Prof. of Eminence & Chief Mentor



**PRAKASH** Vice Chancellor



PROF. KUMKUM GARG (RETD.) Former HOD (Electronics and



**KUMAR** Professor, Department of CSE, IITD (Retd.)



DR. SHARDA VASHISTH Head, Department of



PROF. MANOJ KUMAR **GOPALIYA** Dean,

Academic Affairs



PROF. SWARAN AHUJA Advisor,



(RETD.) Former HOD (EEE), IIT Delhi

Multidisciplinary Engineering

PROF. KEHAR SINGH Ex-Dean & Emeritus Fellow, IIT Delhi SS Bhatnagar Awardee



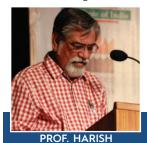
**BATRA** Senior Professor, NCU, Professor, Jamia Millia Islamia (Retd.)



**BHUSNURMATH** Former Professor, Institute of Management Technology, Ghaziabad



**SHARMA** Indian Army (Corps of Signal)



**NARANG** Prof. JNU, Delhi (Retd.)



**SHARMA** Senior Professor, NCU, Professor, IIT Kanpur (Retd.)



**HANDA** Former Dean, School of Management, GGS, IPU



PROF. AMITAVASEN GUPTA

PROF. PUSHPESH PANT Emeritus Professor, NCU School of Law



PROF. B.K. DAS

Former Director, National Physical Laboratory, Honorary distinguished Research Professor

Honorary Distinguished Research Professor

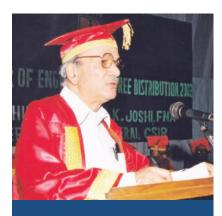
## Chief Guests at Convocations



Dr Surinder Kapur, Founder Chairman, Sona Group, Chief Guest, Degree Distribution Ceremony-Class of 2001



Shri Tarun Das, Director General, Confederation of Indian Industries (CII), Chief Guest, Degree Distribution Ceremony- Class of 2002



Padma Bhushan Prof SK Joshi, FNA, Former Director General, CSIR, Chief Guest, Degree Distribution Ceremony- Class of 2003



Mr Analjit Singh, Chairman, Vodafone and Max New York Life Insurance, Chief Guest, Degree Distribution Ceremony - Class of 2009



Late Dr APJ Abdul Kalam, Former President of India Degree Distribution Ceremony- Class of 2010



Mr Vikram Singh Mehta, Chairman, Brookings India & Former Chairman, Shell Companies in India, Chief Guest, Degree Distribution Ceremony-Class of 2011



Hon'ble Mr Justice AK Patnaik, Judge, Supreme Court of India, Chief Guest, Convocation -Class of 2012



Prof. D P Agrawal, Chairman Union Public Service Commission, Govt. of India, Chief Guest, Convocation-Class of 2013



Dr Karan Singh, Member of Parliament (Rajya Sabha), presented the awards and Certificates of Excellence to the students - Convocation, Class of 2014

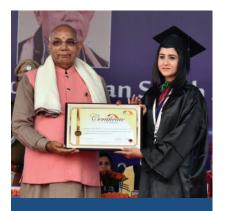
## Annual Report 2024



Shri Balmiki Prasad Singh, IAS (Retd), Ex-Governor Sikkim, Former Union Home Secretary and Executive Director, World Bank, Chief Guest, Convocation-Class of 2015



Dr Bibek Debroy, Padma Shri, Chairman, PM's Economic Advisory Council, Chief Guest, Convocation-Class of 2016



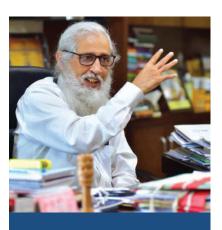
Hon'ble Governor of Haryana, Prof. Kaptan Singh Solanki Chief Guest Convocation - Class of 2017



Hon'ble Justice Dipak Misra Chief Justice of India, Chief Guest, Convocation - Class of 2018



Gen. (Dr.) V K Singh (Retd.) (Minister of State - RoadTransport & Highways) Chief Guest, Convocation - Class of 2019



Prof. Anil Sahasrabudhe (AICTE, Chairman) Chief Guest, Convocation - Class of 2020



Prof. Anil Kakodhar AICTE Distinguished Chair Professor, Convocation - Class of 2021



Dr. Rajiv Kumar, Former Vice Chairman, Niti Aayog, Chairman Pahle India Foundation Chief Guest, Convocation - Class of 2022



Prof. (Dr.) T G Sitharam Chairman, All India Council of Technical Education (AICTE), Govt of India Degree Distribution Ceremony -Class of 2023

#### **Chief Guest at Convocation 2024**



**Dr. Praveer Sinha**CEO & Managing Director,
The TATA Power Company Ltd.

A seasoned power professional, with an illustrious career spanning nearly four decades, Dr. Sinha has held pivotal leadership roles across the power sector value chain.

Under his current leadership, Tata Power is undergoing a profound transformation, transitioning from a century old power utility into a new-aged sustainable, technology oriented and customer centric green energy solutions company. The company has made a substantial shift towards renewable energy with nearly 40% of its portfolio as currently clean and green and it aims to become carbon neutral by 2045.

A strong advocate of 'Sustainable Is Attainable', his vision aims to empower millions of Indians across urban and rural areas, facilitating the transition of enterprises, homes, mobility, and beyond towards a sustainable future, thus, advancing the country's energy transition agenda. Besides leading the growth in renewable energy, he has incubated and scaled several new-age energy solutions businesses such as solar rooftop, EV charging, micro grids and smart energy management solutions within the company, marking significant milestones in India's energy landscape.

Dr. Sinha is passionate about technology and has led collaborations with technology partners both nationally & internationally. He played a significant role in setting up the first international incubator in India for promoting innovations in the clean energy space.

Dr. Sinha is a qualified Electrical Engineer and has done his master's in business law. He received his PhD from Indian Institute of Technology, Delhi, and completed his Advanced Management Programme from IIM Ahmedabad. He is a visiting research associate at MIT and has been nominated to External Advisory Board at MIT Energy Initiative.

His contributions to the energy sector have earned him recognition from esteemed publications such as BT, Forbes, and Fortune, establishing him as one of the industry's best CEOs.

## Institutional Meetings

The NorthCap University remains steadfast in its commitment to fostering a vibrant academic community through regular and comprehensive institutional meetings. These gatherings serve as platforms for collaboration, innovation, and strategic decision-making, ensuring the university's continued growth and excellence.

The university's leadership adopts a hands-on approach to manage its affairs, actively participating in decision-making processes. This collaborative approach ensures that the university's vision and mission are at the heart of all initiatives. The university's strategic direction is articulated and refined during Annual Academic Advisory Board Meetings, held in January/February of each year. The outcomes of these deliberations are meticulously identified and implemented throughout the subsequent year. Areas of particular focus, aligned with the university's vision and mission, include Teaching and Learning, Research and Development, Community Engagement, and Industry Interaction. The Governing Body, Board of Management, Academic Advisory Board, Academic Council, Committee of Research Development and Industry Liaison, Internal Quality Assurance Cell (IQAC), and the Operational Committees at the Schools & Departments Level collaborate seamlessly to modernise and enhance processes and practices, ensuring their continued relevance and effectiveness.

## Thirteenth Academic Advisory Board Meeting

In the past year, The NorthCap University has undertaken numerous initiatives to strengthen research, innovation, and academic excellence. During the Thirteenth Academic Advisory Board Meeting, the members discussed strategies for enhancing the university's brand, aligning with national priorities, and advancing academic and research capabilities. Key suggestions included increasing postgraduate enrolments, strengthening core engineering disciplines, expanding Al-focused initiatives, and creating industry-aligned executive programmes. Members highlighted the need for impactful research in fields like green hydrogen and Industry 4.0, leveraging NCU's location in the industrial hub of Gurugram. Members opined that enhanced NIRF ranking will help NCU boost its national reputation and attract high-quality students and faculty. Improving faculty support for research will help in producing impactful, innovative research that aligns with global standards and industry needs. In response to proposed reforms in higher education accreditation led by Dr. K. Radhakrishnan, the board discussed the adoption of a simpler, data-driven accreditation model. The new system, focusing on binary accreditation and graded levels, aims to ensure transparent and credible assessments with minimal manual intervention, fostering a quality culture across institutions.



Academic Council	Board of Management	Governing Body	Academic Advisory Board
January 25, 2024	January 31, 2024	March 01, 2024	April 02, 2024
May 15, 2024	May 02, 2024	June 4, 2024	
November 12, 2024	August 30, 2024	October 29, 2024	

## **Vice Chancellor's Address**



**Prof. (Dr.) Nupur Prakash** Vice Chancellor

Respected Chancellor, Shri. Avdhesh Mishra Ji, our Chief Guest, Dr Praveer Sinha, CEO & Managing Director, The TATA Power Company Ltd., Pro-Chancellor, Prof. of Eminence and Chief Mentor, Prof. Prem Vrat, Members of the Governing Body, Shri. Shiv Saran Mehra Ji, Dr. Zorawar Daulat Singh, distinguished guests, esteemed faculty members, and, most importantly, our graduates of the Academic Year 2024.

It is with great pride that I welcome you all to the **XIII Convocation Ceremony of The NorthCap University**, Gurugram. This momentous occasion reflects the collective efforts of our students, faculty, and staff, who have worked tirelessly to elevate NCU to its current standing.

As we near our 30<sup>th</sup> anniversary, NCU continues to shine as a distinguished, unaided private institution, offering diverse undergraduate, postgraduate, and PhD programmes across disciplines including Engineering, Sciences, Technology, Management, Liberal Studies, Law, Business, and Media & Entertainment.

Today, we gather to celebrate the exceptional achievements of our graduates and to reflect on the milestones our university has reached this past year. As we look back on a year of challenges and triumphs, I am reminded of our shared vision—to nurture a vibrant and inclusive academic community that shapes the leaders of tomorrow.

#### Accolades and Global Recognitions:

Our dedication to excellence has earned us several prestigious accolades in 2024:

- NIRF Rankings 2024: NCU is placed in the 101-150 band in the Engineering category, solidifying our status as a premier institution for technical education in India.
- A monumental achievement this year was receiving recognition under Section 12(B) of the University Grants Commission (UGC) Act, 1956, enabling us to access central government grants for research and academic development.
- We've been honoured with the prestigious Education Excellence Award for the 'University Having Most International Collaboration' by the Services Export Promotion Council (SEPC), a unit of the Ministry of Commerce and Industry, highlighting our global outlook and partnerships.
- NCU has been reaccredited by the Accreditation Services for International Colleges (ASIC), UK, as a "Premier Institution" with commendable grades, for a period of four years.
- The Centre for Distance and Online Education (CDOE) at NCU was also recognised by the University Grants Commission (UGC) Distance Education Bureau (DEB) for offering BBA and BCom programmes in online mode. As the only state private university in Haryana with UGC-DEB approval, NCU ensures the highest standards of online learning.
- NCU is ranked among the Top 10 Promising Colleges in India to study AI and Robotics by Higher Education Magazine, reflecting our pioneering work in cutting-edge technologies.

These honours are not just awards; they are a testament to the hard work of our faculty, the brilliance of our students, and the support of our stakeholders.

## **Annual Report 2024**

#### International Collaborations and Global Exposure:

In today's interconnected world, fostering global engagement is paramount. NCU has consistently sought to build bridges with renowned institutions worldwide.

- The inauguration of our International Relations Office has been a milestone in our global outreach efforts. This office serves as a hub for facilitating student exchanges, joint research initiatives, and international degree programmes, all designed to broaden academic horizons and promote cross-cultural learning.
- This year, we expanded our international collaborations to 37 prestigious universities, enhancing global exposure for our students and faculty. Notable partnerships include Arizona State University (USA), Queensland University of Technology (Brisbane), University of East Anglia (UK), Santa Clara University (USA), and Shibaura Institute of Technology (Japan).
- We formalised an MoU with the George Washington University School of Business, USA and with the University of Illinois Urbana-Champaign, Gies College of Business, USA, enabling master's pathways and dual degrees for our graduate students.
- A delegation from National Tsing Hua University (NTHU), Taiwan, visited NCU to sign an MoU aimed at fostering educational and cultural exchanges between both countries.
- · We also signed an MOU with Salem State University for Dual degree for BTech CSE and BCA students.

#### International Delegate Visit at NCU:

International delegates from Santa Clara University (SCU), USA; Moscow State University; George Washington University, Washington, DC; the University of York, UK; Loyola Marymount University; University of Brighton, UK; and CTIF Global Capsule (CGC), Denmark, visited NCU to explore collaboration possibilities, including semester exchange, articulation for joint, dual, and twinning degrees, research collaboration, working on joint projects, etc.

We also hosted the **Business School Conclave**, where delegates from Case Western Reserve University, USA; George Washington University School of Business, USA; University of Maryland, USA; William & Mary, USA; and Bocconi University, Italy, came to our campus.

Our **Engineering School Conclave** saw participation from reputed American institutions namely, Boston University College of Arts and Sciences, Columbia Engineering, George Washington University School of Engineering and Applied Science, Loyola Marymount University - Frank R. Seaver College of Engineering, and NYU-Tandon School of Engineering.

Additionally, the **TIMES Conference 2024**, hosted by the Department of Multidisciplinary Engineering, brought together renowned speakers and participants from global institutions, including Universiti Teknologi Malaysia, Kyoto University, and the University of Waterloo. During the event, the Book of Abstracts was officially released, along with Quantum Nation, authored by Dr. L. Venkata Subramaniam, marking an impactful contribution to the field.

Strengthening our nation-building efforts, we made several strides with government bodies. NCU now has tie-ups with the Indian Space Research Organisation (ISRO), National Technical Research Organisation (NTRO), Haryana Space Applications Centre (HARSAC), and Software Technology Parks of India (STPI), among others. These partnerships are a testament to NCU's academic prowess and commitment to excellence in research, innovation, and student development.

#### Scholarships & Financial Aid Awarded:

The 13<sup>th</sup> Fee Concession & Scholarship Distribution Ceremony underscores The NorthCap University's commitment to supporting student success and promoting inclusivity. With Rs. 1.55 Crore disbursed to 370 students through fee concessions, merit scholarships, and financial aid, NCU ensures that financial barriers do not limit the academic potential of deserving students.

Our special focus on female students in STEM education through Hatch Associate Scholarships exemplifies our dedication to gender inclusivity in education, providing opportunities to talented women in fields traditionally underrepresented by them. By supporting 12 deserving students with 100% scholarships totalling Rs. 31.51 lakhs, we are fostering a diverse academic community where every student has the opportunity to excel.

#### Vice Chancellor Merit Scholarship Scheme for Innovation(VMSSI):

VCMSSI celebrates exceptional student-led projects that demonstrate groundbreaking ideas, technological advancements, and sustainable solutions. Embodying the spirit of innovation and impactful change across diverse disciplines, this year's awarded projects and scholars include:

- Ankita received ₹48,000 for her project focused on harvesting energy from ambient light sources to power IoT devices, promoting sustainable energy use in technology.
- The Device Automation System for Homes (DASH) project, awarded ₹25,000, was developed by a team comprising Abhishek, Yajus, Tanu, and Sarthak. DASH aims to revolutionise home automation, enhancing convenience, efficiency, and safety.
- Neeraj Yadav was awarded ₹60,000 for his eco-friendly approach to synthesising biodegradable polymers, contributing to sustainable practices in material science.
- Manoj earned ₹80,000 for his innovative project developing an MXene-based molecular imprinted electrode to improve in vitro diagnostic accuracy for bilirubin levels in human serum, a significant advancement for medical diagnostics.
- The "Pill Organiser" project, designed to assist with medication management, especially for the elderly, received ₹10,000. This project was collaboratively created by Harman Singh, Akshat Singh, Gaurav Mahajan, and Sivam Saini.

This endeavour reflects our institution's commitment to fostering a culture of creativity, research, and sustainable development.

#### Innovations in Education and Research:

At NCU, innovation is at the heart of our academic philosophy. This year, we have introduced several groundbreaking initiatives:

- In addition to the AVIXA-standard classroom upgrades for enhancing teaching-learning experiences, it is the establishment of a state-of-the-art Media and Entertainment Studies facility that stands out. Equipped with a Dolby Atmos studio, film production spaces, and advanced VFX green screen keying and animation labs, this infrastructure provides students with opportunities for creativity and hands-on learning using cutting-edge technology.
- We set up a Taiwan Education Centre in collaboration with NTHU Taiwan, offering specialised training in advanced technologies.
- Establishment of an Academic and Administrative Development Centre (AADC), in partnership with the Association of Indian Universities (AIU), to provide professional training for faculty and staff from Indian universities and other Higher Education Institutions (HEIs).
- The inauguration of the Psychology Lab marked a milestone in advancing academic and practical learning in psychology, graced by Dr. Purnima Singh, Professor Emeritus, IIT Delhi, a renowned psychologist in academic and clinical domains.

#### **Notable Industry Collaborations:**

- In 2024, NCU's collaboration with ICT Academy led to the establishment of the Honeywell Centre of Excellence, training
   120 students in areas like Microsoft Azure AI.
- An MoU with MongoDB further provided access to cutting-edge resources through the MongoDB for Academia programme.
- Confederation of Indian Industry (CII) Young Indians (Yi), an initiative and integral part of the CII, signed an MOU with The NorthCap University.
- NCU partnered with the International Skill Development Corporation to develop and upgrade courses, including integrating ACCA courses into the BCom programme.

Furthermore, **NCU's OPTICA Student Chapter** had a remarkable year, with Ms. Poonam Yadav securing 3<sup>rd</sup> place at the Optica Innovation School in Washington and participating in the Career Accelerator Programme in Denver. Additionally, Ms. Sneha Singh and Ms. Shefali Khera represented NCU at the 'Frontiers in Optics' Conference in Denver. The chapter also received an annual grant of \$500 (INR 41,428) in February, 2024. The successes of our students inspire us to aim higher and reaffirm our mission to nurture talent that will lead the future.

This year in the **Department of Psychology**, key developments included the formation of the Board of Studies, a curriculum revamp for BA(Hons) and MA, and the launch of a new Master's programme with specialisations in Clinical, Organisational, and Applied Psychology. Apart from the psychology lab, the department formed a dedicated Student Service Center, and a 'Counseling Skills' certification course was also introduced to support students' well-being.

The **School of Law** at NCU organised the III Edition of the Intra Law School Moot Court Competition and the IX Edition of the National Moot Court Competition, focusing on Environmental Law and Sustainable Construction Practices. Additionally, a training programme on the 2023 Criminal Laws was held for Haryana police personnel, demonstrating NCU's commitment to legal education and community engagement.

## Annual Report 2024 \_

The Centre for Professional and Alumni Attachment (CPAA) proudly facilitated an impressive placement season, with leading recruiters including Schneider Electric, KPMG, TCS, Wipro, Volkswagen, EY, Deloitte, and TCS actively engaging with our talent. With a remarkable placement success rate of 80%, students secured roles across technology, finance, consulting, and engineering, with packages exceeding INR 13.2 lakhs.

The **School of Business at NCU** made strides in 2024. They hosted masterclasses delivered by corporate leaders from organisations including Microsoft, Bacardi, SBI, Tata, and many more. We also created dual degree pathways for our students with reputed American universities for our flagship MBA programme.

The Department of Management and Commerce hosted a two-day STRIDE International Conference on Sustainability, Technology, Resilience, Innovation, Development, and Entrepreneurship (STRIDE). It stands as a proud reflection of our commitment to fostering intellectual collaboration and global discourse. Highlights of the conference included an Editors' Meet, where distinguished journal editors shared invaluable insights on 'Contemporary Trends in Research.' With over 150 papers presented across 12 tracks, the conference exemplified the vibrant academic spirit at NCU.

The department also organised an Entrepreneurship Bootcamp in collaboration with ABWCI, CII-Yi Gurugram Chapter, and The NorthCap University Innovation Centre (NIIC) of NCU. Featuring interactive workshops with industry experts and a business idea competition, the event fostered innovation and entrepreneurship with insights, hands-on sessions, and recognition for creative ideas.

The Centre also successfully convened the HR Conclave 2024 and the integrated Superset, an industry-leading online platform connecting our students to industry recruiters.

The university's annual techno-cultural fest, NCU Momentum 2024, radiated with talent and diversity on 24th-25th October. With 65 exciting onstage and offstage events featuring dance, music, fashion, gaming, sports competitions, and more, the fest brought together students from many universities across the region for over two action-packed days. Highlights of the event included electrifying performances by 'Dastaan Live' and DJ Bassworm, culminating in a high-energy star night with a bollywood singer, Divya Kumar.

#### Faculty Achievements and Honors:

100 Great IITians: Dedicated to the Service of the Nation Prof. Prem Vrat, Pro-Chancellor; Professor of Eminence and Chief Mentor, has been recognised in the prestigious publication "100 Great IITians: Dedicated to the Service of the Nation" edited by Commander V.K. Jaitly.

**Prof. Nupur Prakash: Sherpa Kulpati 2023**: In December 2023, the Editorial Board of ReTHINK INDIA Institute, a platform promoted by AIIMS and IIT alumni, honoured Prof. Nupur Prakash, Vice Chancellor, as a Sherpa Kulpati 2023. The recognition highlights her profound contributions to shaping a forward-thinking higher education landscape that champions Divya & Bhavya Bharat.

National Academic Achievement Award: Prof. Nupur Prakash, Vice Chancellor, was honoured with the National Academic Achievement Award, recognising her dedication and impactful contributions as an educational administrator in the National Capital Region by the Indian Institute of Ecology and Environment (IIEE), in collaboration with Dr. Keshav Baliram Hedgewar Vishwa Hindu Vidyapeeth at the Spiritual and Value Education Summit held on 13th March, 2024.

#### Promoting Health and Mental Well-Being:

Recognising the importance of mental health and wellbeing of both students and staff, NCU has taken many proactive steps by onboarding a professional psychologist to offer personalised counselling and regular workshops. In line with our commitment to a safe and inclusive campus, we also conducted Prevention of Sexual Harrasment training for students, staff, and administration, fostering a culture of respect, awareness, and responsibility. Our efforts to promote mental health included anxiety and stress management sessions for students, faculty, and staff, emphasising the importance of emotional well-being.

#### Sustainability and Community-oriented Initiatives:

As a socially responsible institution, NCU has made sustainability a core focus:

- Our zero-discharge campus is equipped with a 100 KLD sewage treatment plant, rainwater harvesting systems, and solar panels.
- Initiatives like "Ek Ped Maa Ke Naam" and plantation drives underscore our commitment to environmental conservation expansion of green cover in semi-urban regions.
- · The Unnat Bharat Abhiyan Project of NCU organised impactful visits to adopted villages—Gwal Pahadi, Sadhrana-

Hamirpur, and Aklimpur. Initiatives included plantation drives, household surveys, cleanliness campaigns, and literacy programmes on digital skills, legal awareness, and substance abuse prevention, while also transforming rural communities by introducing vermicomposting chambers and promoting organic farming practices.

#### Social Responsibility Initiatives

In the spirit of community engagement, NCU has led a series of impactful initiatives that highlight our commitment to social responsibility and empowerment.

MOU with Navjyoti India Foundation and NGO Yatan: The NorthCap University marked a significant milestone by signing a Memorandum of Understanding (MoU) with two NGOs, Navjyoti India Foundation, a leading NGO committed to rural development and social welfare, and with NGO Yatan working for upskilling, amplifying our mission of empowering local communities.

- Community Donation Drives: Our clubs, including Aashayen and Yukti, organised several donation drives, such as a large
  donation of sanitary items to BHUMI NGO and a book donation drive. These initiatives reflect our dedication to supporting
  those in need.
- **Empowering Through Health and Awareness**: Through the Youth Red Cross Club, we organised programmes like first aid and CPR training, eye screening camps, and awareness sessions on organ donation. These initiatives not only empowered students but also promoted life-saving skills and health awareness.
- Social and Environmental Responsibility: The Unnat Bharat Abhiyan launched "Swasthya Sangram" for global wellness awareness, while Planet Paws 2.0 supported animal welfare, promoting eco-conscious practices.
- Women Empowerment Initiatives: The Enactus team's project "Sakhi Sutra" empowered women artisans through craftbased initiatives, and Project Muskaan 4.0 focused on women empowerment in collaboration with NGOs like Prachyesta and Naviyoti India Foundation.
- Student Participation in National Platforms: NCU students actively participated in the National Social Summit organised by IIT Roorkee, showcasing creativity through Nukkad Natak on sustainability and empowerment and contributing to sports and educational events.

#### Celebrating the Graduates of 2024:

Today, we confer degrees upon **810 graduands**, including **738 graduates**, **55 postgraduates**, and **17 doctoral** students. Their journey reflects dedication, perseverance, and a quest for knowledge.

This year, we are proud to award medals to 29 exceptional students and recognise 07 distinguished alumni who have brought laurels to our institution. Your achievements remind us of the transformative power of education and the boundless potential it unlocks.

#### Conclusion:

As we conclude this convocation, I urge all graduates to embrace the future with confidence and courage. The world is evolving rapidly, and it is your ability to learn, adapt, and innovate that will set you apart.

On behalf of the NCU community, I congratulate you on your remarkable accomplishments. Carry the values of integrity, curiosity, and resilience with you as you step into the world. Remember, you are the ambassadors of NCU, and your successes will inspire the generations to come.

Thank you, and my heartfelt congratulations to the Class of 2024!

#### Jai Hind!

## Quality Benchmarks



- · Recognised by the University Grants Commission
- Accorded UGC 12(B) Status



Programmes approved by All India Council for Technical Education (AICTE)



Recognised as Institution of Happiness (IOH), 2022



Member of Association of Indian Universities



Accredited by the National Assessment and Accreditation Council (NAAC) as Grade "A" university



Accredited by Accreditation Services for International Colleges (ASIC), United Kingdom, in the category of 'Premier' Universities, with Commendable Grades



Member of International Students Exchange Programme



Member of American Society for Quality (India)

## **Rankings & Ratings**



All India Rank Band of 151-200 in the university Category - National Institutional Ranking Framework (NIRF), 2023



Among Top-30 'Best Performer Universities' in Atal Ranking of Institutions on Innovation & Achievements (ARIIA)



School of Management & Liberal Studies has ranked No. 1 in Haryana, No. 2 in North India and Top BBA College of Eminence in India in the GHRDC BBA Colleges Survey, 2024



School of Engineering & Technology has been ranked No. 1 in Haryana, No. 2 in North India and Top Engineering College of Super Excellence in the GHRDC Engineering Survey, 2024



School of Law has been ranked No. 2 in Top Law School of Outstanding Excellence in India in the GHRDC Law Colleges Survey, 2024



Received Quacquarelli Symonds (QS) 5 Star in Teaching, Employability, Academic Development, Inclusiveness and Online Learning



The NorthCap University has been awarded an overall rating of DIAMOND from QS I-Gauge



NCU is Among Top 7 Institutions in India for Academic Quality in Engineering



Awarded Platinum Badge for Engineering, Gold for Law and Gold for Management by the Prestigious QS I-GAUGE Rating System



School of Law at The NorthCap University has been Ranked as a 'Top Eminent Law School' in India in the CSR Law Schools Survey 2023

## Academic Schools, Departments, And Programmes

	U	Indergraduate Progra	amm	nes	
S	chool o	f Engineering & Tech	nolo	gy (S	SOET)
Department of Computer Sc	ience &	Engineering (CSE)	C	Centre	e for Media & Entertainment (CME)
Bachelor of Technology in Computer Science & Engineering (BTech-CSE)  Specialisations:      Artificial Intelligence & Machine Learning     Cyber Security & Forensics     Full Stack Development     Data Science     IoT & 5G     Cloud Computing     Blockchain     Gaming, Augmented Reality	Specio • V	Bachelor of Computer Applications (BCA)  alisations:  Web Application Development Mobile Applications	1. 2. 3. 4. 5.	Bachelor of Computer Applications in Game Development (BCA-GD)  Bachelor of Computer Applications in Media IT (BCA-MIT)  Bachelor of Science in Sound Engineering (BSc-SE)  Bachelor of Science in Visual Effects and Animation (BSc-VEA)  Bachelor of Science in Visual Communication (BSc-VC)	
School of Management & Libert  Department of Management & Department of Ps  Commerce		nagement & Liberal Department of Psyc			(SOM&LS)  Centre for Language Learning (CLL
Bachelor of Business Administration (BBA)-General Bachelor of Business Administration Digital Marketing (BBA-DM) Bachelor of Business Administration Business Analytics (BBA-BA) Bachelor of Business Administration Business Analytics (BBA-BA) Bachelor of Business Administration Entrepreneurship & Family Busines (BBA-E&FB) Bachelor of Commerce (Hons) (BCom (Hons)) Bachelor of Commerce (Hons) in Financial Markets (BCom (Hons)-Bachelor of Arts (Hons) in Economic (BCom (Hons)-Eco)	on in on in on in ess	Bachelor of Arts (Hore     Psychology (BA (Hore	-		<ol> <li>Bachelor of Arts (Hons) in English (BA (Hons)-Eng)</li> <li>Bachelor of Arts in Journalism &amp; Mass Communication (BA-JMC)</li> </ol>
		School of Law (SC	OL)		
. Bachelor of Business Administrati	on and Bo			s))	

2. Bachelor of Laws (LLB)

Postgraduate Programmes					
School of Engineering & Technology (SOET)					
Department of Computer Science & Engineering (CSE)	Department of Multidisciplinary Engineering (MDE)				
Master of Technology in Computer Science & Engineering (MTech-CSE)	Master of Technology in Civil Engineering (MTech-CE)				
Specialisations:	Specialisations:				
<ul><li>Data Science</li><li>Cyber Security &amp; Forensics</li></ul>	<ul><li>Structural Engineering</li><li>Construction Engineering &amp; Management</li><li>Environmental Engineering</li></ul>				
2. Master of Computer Applications (MCA)	Master of Technology in Mechanical Engineering     (MTech-ME)				
	Specialisations:				
	<ul> <li>Thermal Engineering</li> <li>Mechanical Engineering Design</li> <li>Production &amp; Industrial Engineering</li> <li>Electric Mobility</li> </ul>				
	Master of Technology in Electronics & Communication Engineering (MTech-ECE)				
	Specialisations:				
	· IoT & 5G				
	Semiconductor Technology				
	Liberal Studies (SOM&LS)				
1. Master of Arts in Psychology (MA-Psy)					
2. Master of Arts in English (MA-Eng)	OL) (DCL Ammunical)				
1. Master of Laws (LLM)	DL) (BCI Approved)				
i. Musiei of Laws (LLM)					
Specialisations:					
<ul><li>Corporate Law</li><li>Human Rights Law</li></ul>					
Intellectual Property Rights					
School of Business (SOB) (AICTE Approved)					
<ol> <li>MBA</li> <li>MBA Business Analytics</li> </ol>					

## International Relations Office (IRO)

In our relentless pursuit of excellence and global engagement, NCU has fostered academic collaborations with 37 prestigious universities across various continents. These partnerships have brought forth a multitude of opportunities to enhance the quality of education and enrich the experiences of our students and faculty members. Our academic partnerships have enabled collaborative research, co-teaching by international faculty, curriculum enhancements to meet global standards and opportunities for student-faculty exchange programmes. Joint conferences and cultural immersion programmes have allowed cross-cultural interactions, promoting a deeper understanding of the world's diversity. In addition, NCU offers students the choice of pursuing pathway programmes at partner universities, as well as the option to spend a semester abroad. NCU's dedication to internationalization aligns with our mission of preparing students to excel in a globalised world and contribute significantly to society.

#### Inauguration of International Relations Office

Dr. Mamta Rani Agarwal, Additional Secretary at the Association of Indian Universities (AIU) and former Advisor-1 at AICTE and Joint Secretary at the University Grants Commission (UGC) inaugurated the International Relations Office (IRO) of The NorthCap University dedicated to fostering global collaborations, enhancing academic exchange programmes, and promoting international research partnerships.





#### Key Memorandums of Understanding (MoUs) Signed in 2024

MoU signed between NCU and Salem State University, Boston, USA, for Dual degree for BTech CSE students and BCA students

NCU has signed an MOU with Salem State University, USA, for dual degree. The NCU-SSU pathway is

- 2 years BTech CSE NCU + 2 years BS CS at SSU+CPT = BTech (CSE) from NCU and BS (CS) from SSU + 3 years OPT\*
- · 2 years BCA at NCU + 2 years BS IT at SSU+CPT = BCA (Hons) from NCU and BS (IT) from SSU + 3 years OPT\*

#### MOU signing with National Tsing Hua University (NTHU), Taiwan

A delegation from the NTHU, Taiwan, visited The NorthCap University for signing the MoU to foster educational and cultural exchange between NCU, India, and NTHU, Taiwan, promoting mutual understanding and cooperation. It aims to offer specialised training programmes for faculty and students in semiconductor technology

#### MOU signing with the University of Illinois Urbana-Champaign Gies College of Business, USA

On 23<sup>rd</sup> September, 2024, Prof. Sharda Vashisth visited the University of Illinois Urbana-Champaign Gies College of Business, USA, to formalise the Memorandum of Understanding (MoU) between the UIUC and NCU.

<sup>\*</sup>Optional practical training (OPT) in the USA

#### MOU signing with the George Washington University - School of Business (GWSB), USA

On 1<sup>st</sup> October, 2024, Prof. Sharda Vashisth visited the George Washington University - School of Business, USA, to formalise the Memorandum of Understanding (MoU) between GWSB and NCU.





#### International Delegates Visit at NCU

International delegates from Santa Clara University (SCU), USA; Moscow State University; George Washington University, Washington D.C.; University of York, UK; Loyala Marymount University; University of Brighton, UK; CTIF Global Capsule (CGC), Denmark; visited NCU for exploring collaboration possibilities like semester exchange, articulation for joint, dual and twinning degrees, research collaboration, working on joint projects etc. Glimpses of the same can be seen here:







#### Participation of International Speakers and Researchers in the TIMES Conference at NCU

The international delegates from UTM (University of Technology), Malaysia, shared their journey at the TIMES (Technological Innovation in Multidisciplinary Engineering and Sciences) Conference 2024 hosted by NCU on 6<sup>th</sup> & 7<sup>th</sup> September, 2024. From winning Best Paper Presentation awards to immersing in India's rich heritage during a cultural tour of Delhi; their visit was filled with learning and growth. They invited our students to explore research collaborations at UTM, opening doors to exciting opportunities and a future of global impact!

#### Visit of Prestigious US Engineering & Sciences Schools to NCU for Engineering School Conclave

The International Relations Office at The NorthCap University, Gurugram, organised an Engineering Schools Conclave for the students of SoET on 16<sup>th</sup> September, 2024. The conclave hosted delegates and senior academicians and administrators representing prestigious US Engineering & Sciences Schools. The participating schools were **Boston University College of Arts and Sciences (BU CAS)**, Columbia Engineering, George Washington University School of Engineering and Applied Science (GW Engineering), Loyola Marymount University - Frank R. Seaver College of Engineering, NYU-Tandon School of Engineering.

#### Visit of Prestigious US & European Business Schools to NCU for Business Schools Conclave

The International Relations Office at The Northcap University organised a Business Schools conclave for the students of SoET and SOM on 4<sup>th</sup> September, 2024. The event brought together delegates from prestigious U.S. and European business schools, featuring senior academicians and administrators from four renowned U.S. institutions and a leading European university. Renowned schools which participated in the conclave were Case Western Reserve University, USA, George Washington University School of Business, USA, University of Maryland, USA, William & Mary, USA and Bocconi University, Italy.





## Our Students' Global Journey

- **Ripudaman Singh**, BTech CSE student joined Arizona State University, USA, under the Accelerated Master's Programme. He has the advantage of completing an MS in Software Engineering in just one year, instead of the usual two-year programme.
- Dhruv Singh, a BTech ECE student joined University of North Florida for Master's in Electrical Engineering with 100% scholarship.
- NCU students participated in an enriching experience at the 2024 Asian Youth Leaders Travel and Learning Camp in Singapore. The camp brought together students from 10 different countries, creating a melting pot of ideas, cultures, and ambitions.
- Two students of BTech Computer Science and Engineering, **Arjun Bhardwaj** and **Soha Sindhwani** (21CSU099) completed their 6<sup>th</sup> semester at the University of North Florida, USA under Study Abroad Programme for the Spring 2024 term.
- Three students of BTech Computer Science and Engineering, **Paridhi Pasrija**, **Ragni Sharma** and **Utkarsh Singh** completed their 6<sup>th</sup> semester at the Shibaura Institute of Technology, Japan under Study Abroad Programme for Spring 2024 term.
- Computer Science and Engineering student Hridyansh Chaudhary completed his 8<sup>th</sup> semester at the Sunway Malaysia Under Study Abroad Programme.
- Three students, Lakshay Gupta, Kartik Taneja and Rahul Sikri completed their 4 weeks internship programme in PBL (Project-Based Learning) Environment at Coventry University, UK.
- Aryan Kadiyan completed his 3-week summer internship at Texas University, USA.
- **Paridhi Pasrija** of BTech Computer Science and Engineering was selected for Six Months internship at Mitsubishi Fuso Truck and Bus Corporation, Japan.
- Two students, Satyender Hooda and Paridhi Pasrija of BTech CSE, Batch of 2024 were selected for research exchange at Shibaura Institute of Technology, Japan from July-August 2024
- Two students of Computer Science Engineering **Saumil Kulshrestha** and **Mayank Wadhwa** joined 6<sup>th</sup> semester at the SIT, Japan under Study Abroad Programme for Fall 2024 term.
- Two students of Computer Science Engineering, **Ananya Verma** and **Ishita Tanwar** joined their 3<sup>rd</sup> semester at the University of North Florida, USA under the Study Abroad Programme for Fall 2024 term.

## International Collaborations



Arizona State University, USA: The long-term collaboration between The NorthCap University and Arizona State University is focused on innovation and expanding access to quality higher education in India. NCU has been selected by ASU as its first comprehensive university partner in India. Unlike conventional academic partnerships which are restricted to a school, department or programme, this is a university-wide strategic collaboration between both the institutions. NCU's alliance with Arizona State University represents a far-reaching collaboration focused on student success through innovation, access to global knowledge, and future pathways to higher studies.



Queensland University of Technology, Australia: The MoU with Queensland University of Technology was signed in July 2023. This MoU signifies a strong partnership aimed at fostering academic growth and innovation. The purpose of this agreement encompasses a range of exciting initiatives that are set to enhance the learning experience and global exposure of our students: joint venture projects, academic and scientific activities, student and faculty exchange, dual/joint degrees, and resource exchange.



**Santa Clara University, California, USA**: This MoU was signed in June 2023 to offer graduate programme at SCU to undergraduate students of NCU with an application fee waiver, two annual scholarships worth US\$9000 for engineering applicants and two annual scholarships of US\$12000 for business studies applicants.



The University of North Florida, USA: The NCU has a collaboration with UNF, Florida, USA and the MoU was signed in March, 2023. The agreement was signed for the exchange of faculty and administrative/professional staff, students, immersion programmes, research collaborations and joint degrees.



**University of Regina, Canada**: The MoU with University of Regina, Canada was signed in June 2016 and renewed in 2023. Both sides made sincere efforts to promote collaborative research and educational endeavors, including the sharing of academic resources and publications, exchange of professors for research, presentations, and discussions, and the exchange of students for study and research. For NCU BTech ECE and CSE students, the articulation process for the 3+1+MEng/MASc programme with U of R is now underway. After finishing their three years of BTech at NCU, the chosen candidates will be able to transfer to the University of Regina in Canada.



**Shibaura Institute of Technology, Japan:** A partnership agreement with Shibaura Institute of Technology, Japan was signed in August 2018 and renewed in June, 2023 to undertake collaborative research and joint academic meetings, exchange of professors, researchers and students. Admission and tuition fees are waived for NCU students on semester exchange.



**Salem State University, USA:** The NCU has a collaboration with Salem State University, USA. The agreement was signed in March, 2023 for educational exchange programmes which include short and long-term exchange of faculty members and non-academic staff and student exchange. It also focuses on collaborative research, summer internship/immersion, and dual/joint degrees.



**University of Chester, UK**: A partnership agreement with the University of Chester, UK, was signed in 2012. The Chester Business School has over 1500 students with campuses at Chester and Warrington and has a good reputation at undergraduate and postgraduate-level courses.



**University of Dayton, Ohio, USA:** The university has signed a partnership agreement to undertake joint collaborative research and student and faculty exchange programmes. The agreement was signed in May, 2017.



**Vilnius Tech University, Lithuania:** The NCU has a collaboration with Vilnius Tech University, Lithuania with an MoU signed in June, 2023. The agreement was signed for the exchange of faculty and administrative/professional staff, students, immersion programmes, research collaborations and participation in conferences (including online), symposiums, short courses and scientific workshops.



**Binus University, Indonesia:** The NCU has established a collaboration with Binus University, in Indonesia. The Memorandum of Understanding (MoU) between the two institutions was signed in September, 2023. The agreement aims to facilitate the exchange of information and experience related to educational exchange programmes, student exchange, immersion programmes, research collaborations, and joint degrees, including joint online programmes.



**Almaty Management University, Kazakhstan:** The NCU has signed cooperation agreement and students exchange agreement with AlmaU in October, 2023. The agreement was signed for exchange of faculty, students and researchers, masters and doctoral degree supervision, access to online courses, joint organisation of forums and conferences, entrepreneurship areas: social incubator and others.



**Providence University, Taiwan:** A partnership agreement with Providence University, Taiwan, was signed in October, 2018, to undertake special short-term academic programmes, joint collaborative research and for student and faculty exchange programmes.



**Universiti Teknologi, Malaysia:** A partnership agreement with Universiti Teknologi, Malaysia, was signed in August, 2020 for summer school, short courses and training, joint research and supervision, researcher/faculty/student attachment and exchange programmes.



**Universidad Autonoma de Guadalajara (UAG), Mexico**: A partnership agreement with Universidad Autonoma de Guadalajara (UAG), Mexico, was signed in August, 2021 for co-teaching, academic and cultural exchange of students and faculty, summer school, short courses and training, and joint research.



**UDF Centro Universitario, Brazil**: An MoU was signed with UDF, Brazil, in December, 2022. The agreement is between the law schools of both the universities for academic exchange programmes for students and faculty, joint organisation of seminars, conferences and workshops and exchange and access of academic publication materials.



**Cintana Alliance:** The long-term collaboration between The NorthCap University and Cintana Alliance is focused on collaboration with other 16 universities across the continents. Students benefit in terms of semester abroad at zero fee, immersion programmes at universities across 16+ universities with scholarships, joint research projects and funding and opportunity to participate in international competitions.



**Loyola Marymount University** and The Northcap University aim to establish a collaborative partnership to explore mutually beneficial academic opportunities. This collaboration will focus on areas such as educational exchange programmes, joint degree pathways, faculty research collaboration, student exchange programmes, and joint academic events. The goal is to foster an exchange of ideas and information between the two institutions, benefiting both students and faculty. The MoU was signed on 8th February, 2024.



The City College of New York, USA, and The NorthCap University, India, have mutually agreed to collaborate in fostering friendship, cultural and educational connections. This partnership aims to exchange ideas and information, promote educational exchange programmes, and facilitate short and long-term faculty and staff exchanges. Additionally, the collaboration will focus on student exchange programmes, joint research projects, summer internships, and offer dual or joint degree programmes. The MoU was signed on 14th March, 2024.



**University of East Anglia** and The NorthCap University signed an MoU on 10th April 2024. The MOU aims to foster cooperation and strengthen academic relations between the university and the institution for mutual benefit. Both parties agreed to facilitate staff visits, explore collaborative teaching opportunities, including student exchanges and joint degree programmes, collaborate on research projects of mutual interest, and seek funding opportunities. They will also explore joint research projects and exchange information such as library and research publications.



**National Tsing Hua University Taiwan** and The NorthCap University signed an Memorandum of Understanding (MOU), effective from 6<sup>th</sup> August, 2024, which establishes a partnership to collaborate through the Taiwan Education Center. NTHU will support NCU in promoting Mandarin Chinese language, Taiwan's culture, and higher education.

## **Industry Collaborations**



The NorthCap University signed a Memorandum of Understanding (MoU) with the Volkswagen Group Technology Solutions India Pvt. Ltd (VWITS) on 9<sup>th</sup> October, 2023. The MoU facilitated by the Department of CSE was signed by the Vice chancellor, Prof. Nupur Prakash and Mr. Amit Khatri from VWITS. The MoU ensures academic collaboration with VWITS in the areas of mutual interest through its "Centre of Excellence"- Inputs on Curriculum design, Internship Programmes, Hands on training, Industry Visits, Guest Lectures, Joint Research & Development Projects.



In March 2023, NCU entered into a significant partnership with AWS Academy, a division of Amazon Web Services dedicated to train the next generation of cloud computing professionals. This Memorandum of Understanding (MoU) outlines our commitment to enriching online course curricula, upskilling our faculty members, offering substantial discounts on global AWS certifications, and providing hands-on labs using the AWS Canvas platform.



The NorthCap University has an active Oracle Academy membership since March 2021. Oracle Academy Institutional membership offers access to world-class technology and software, expert curriculum, teaching and learning materials, professional development, Oracle professional certification resources, member recognition, and a wealth of classroom resources to its faculty and students. More than 400 students and faculty have obtained oracle certifications on Java Fundamentals and Database foundation so far. Department of CSE in collaboration with INOAUG (India Oracle APEX User Group) as academic partner of Oracle academy organised APEX UTSAV 2023 on 2<sup>nd</sup> September, 2023 where more than 110 participants from various renowned institutions joined and explored the world's popular low-code application framework from Oracle.



The university entered into an agreement with PPS International in February 2023. Under this agreement, Industry based projects, Internships, placements, Industrial visits for students, Externships for Faculty members and Skill Development Programme for PPS International Employees are provided.



View360 Degree Pvt. Ltd.: The NorthCap University signed an MoU with View360 Degree Pvt. Ltd., Gurugram in April 2022

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The NorthCap University joined hands with an NGO, Prachyesta – Ek Prayaas and signed a formal MoU on 3<sup>rd</sup> April, 2023 that aims to bring the students and the society together to make life better for the neglected, the adversely affected and the underprivileged regardless of caste, colour, religion or status. In collaboration our aim is to run teaching campaigns for the underprivileged kids of the NGO.



Indian Space Research Organisation (ISRO): MoU between Space Applications Centre (SAC) ISRO, Ahmedabad, and The NorthCap University for IRNSS Navigation Receiver Field Trial and Data Collection has enhanced research and innovation at the university.



National Technical Research Organisation (NTRO): Memorandum of Understanding signed between National Technical Research Organisation (NTRO) Govt. of India and The NorthCap University. NCU is responsible to actively collaborate in R&D projects to be taken up through mutual consultation.



The university entered into an agreement for IBM Skill Build Programme in April 2021. Under this agreement, a digital learning platform specially created and curated for teachers and students is provided. There are resources available for faculty and students on current trending topics like Artificial intelligence, Block chain, Cyber Security, Data Science, IOT, Design Thinking, Sustainability, Professional Skills etc.



Daikin Air-Conditioning India Pvt Ltd: An MoU was signed between The NorthCap University and Daikin Air- Conditioning India Pvt Ltd (DAIPL) to establish a 'Centre of Excellence' on HVAC Systems at the university that imparts practical skill training and industrial exposure to the students on the campus.



Shri Vishwakarma Skill University: The university signed an MOU with Shri Vishwakarma Skill University in September, 2022. Under this agreement, SVSU and NCU conduct joint training exchange programmes for students, collaborate for conferences, seminars, and faculty exchange programmes.



XR Central Pvt. Ltd.: The NorthCap University signed an MOU with XR Central Pvt. Ltd., Gurugram in May, 2022. The collaboration is aimed at providing career opportunities specifically for the CSE and IT students by bridging the gap between academics and the industry. The students also have the opportunity to be recruited to Graduate Engineers Trainee (GET's) programmes.



Gemini Solutions: The MOU was signed between Gemini Solutions and NCU in June, 2022. This partnership provides NCU students and faculty with opportunities to visit Gemini's group companies and participate in the industrial training programmes offered by them. The MoU has been instrumental in arranging impactful guest lectures and facilitating placements in the field of technology for NCU students..



International Centre for Automotive Technology (ICAT): The MOU was signed between ICAT and The NorthCap University on August, 2022.



The MoU was signed on 21st November, 2022 with Gurujal Society. Through the MoU the students and faculty shall jointly work with Gurujal Society for the betterment of the society by participating in various activities under Unnat Bharat Abhiyan, rural development, water conservation etc. Workshops, seminars for generating awareness regarding sustainable development goals are planned jointly.



Our collaboration with Manipal Hospital aims to extend health and diagnostic services to our university community. The MOU encompasses a broad range of activities, including health services, diagnostic services, special checkup camps, expert talks, and sensitization sessions for students, academic staff, and administrative staff.



The MOU with C. K. Birla Hospital, initiated in November 2022, serves to provide our university community with enhanced health services and diagnostic facilities. As with our other collaborations, the scope includes health services, diagnostic services, special checkup camps, expert talks, and sensitization sessions, all designed to support the well-being of our students and staff.



Our partnership with Narayana Hospital, established in September 2022, extends specialized health and diagnostic services to our university.

The MOU has played a crucial role in strengthening the health and wellness framework at The NorthCap University.



Mitsubishi Electric India (MEI) Pvt. Ltd.: The university entered into an agreement with MEI in Sept. 2015, which has been subsequently renewed till March 2026. Under this agreement, MEI provided equipment and related software worth Rs. 32,38,800 for students and Faculty to do projects on these. Mitsubishi also provides training in their Gurgaon office/in NCU Campus to Faculty, Staff and students on the equipment provided by them. MDE Department, NCU has developed a Centre of Excellence of Mitsubishi Lab in 2022 to facilitate all those who want to get benefits from the equipment provided by MEI.



Association of Business Women in Commerce & Industry: The university signed MOU with Association of Business Women in Commerce & industry in December, 2022. Under this agreement, ABWCI and NCU collaborate to jointly create/curate programmes which may include joint certification courses, mentorship programmes, sectoral conferences, promote 'thought leadership', arrange training/dissemination/ capacity building sessions, research, publications.



The NorthCap University has signed an MoU with GreenTree Global Pvt. Ltd. in November, 2022. GreenTree is in the business of providing consultancy serivices in the fields of green building, sustainability and energy efficiency. The purporse of the MOU is to promote mutual cooperation between the organisations for working together towards the academic and professional development of students.



Neo Fusion Creative Foundation: The university signed an MOU with Neo Fusion Creative Foundation in May, 2023. Under this agreement, NCF and NCU work together on student development programmes like joint certification courses, mentorship programmes, training sessions, research, publications in psychology, mental well-being, emotional intelligence, stress management, work-life balance, counselling and allied areas.



Sansarino Development Foundation: The university signed an MOU with Sansarino Development Foundation. Under this agreement, NCU's psychology students will be able to collaborate on internships, placements, and live projects and gain practical experience.



The NorthCap University has signed a MoU with ICT Academy, a Government of India initiative in collaboration with states and industries in December 2022. The MoU has facilitated numerous benefits for faculty and students, including Faculty Development, Training Programmes, and Skill Development Initiatives. The establishment of the Honeywell Center of Excellence for the Youth Empowerment Programme is a notable outcome. Additionally, 15 faculty members participated in a development programme, and 562 students received training on current trends like Microsoft Azure AI, Data Analytics, and Cyber Security.

## Dean's List Students



In our commitment to academic excellence and recognition of exceptional student performance, students who achieve a CGPA of 9.5 or higher or secure the top position in their programme across all sections are awarded a prestigious place on the Dean's List. This distinguished honour is highlighted on their degrees, underscoring their outstanding accomplishments.

Dean's list members play a vital role in shaping the university's academic reforms, benefiting from exclusive privileges and an esteemed status within the institution. They are also invited to participate in select events with distinguished visitors to the university. This initiative has been highly effective in motivating students to excel academically and aspire to be part of the Dean's List, setting a benchmark of excellence within the university.

## 13<sup>th</sup> Fee Concession & Scholarship Distribution Ceremony



The NorthCap University convened its 13<sup>th</sup> Fee Concession & Scholarship Distribution Ceremony for deserving students on 5<sup>th</sup> March, 2024. The esteemed presence of the Hon'ble Governor of Haryana, Shri Bandaru Dattatraya, as the Chief Guest added significance to the occasion. During Academic Year 2023-2024, The NorthCap University demonstrated its commitment to supporting its students by disbursing fee concessions, Merit Scholarships, and financial aid totalling Rs. 1.55 Crore to 370 deserving

students. Recognising the importance of diversity and inclusivity in education, The NorthCap University awarded Hatch Associate Scholarships to 12 female students pursuing STEM education, whose parents' annual income falls below Rs. 10 lakhs. These scholarships amounted to Rs. 31.51 lakhs. Mr. Morne Fourie, the Country Head of Hatch Associates, along with Ms. Shiveta Kuda, Mr. Varun Taneja, and Ms. Deepika Jangra from Hatch Associates, graced the occasion to present these scholarships.

The Governor commended The NorthCap University for its efforts and encouraged the students to strive for excellence in their pursuits. He emphasised that this recognition is not only a celebration of students' past accomplishments but a testament to the belief that the students hold the potential to shape the future of the nation. Furthermore, he added that the financial assistance provided is an investment in the future leaders, thinkers, and change-makers.

# Vice Chancellor Merit Scholarship Scheme for Innovation (VCMSSI)

The Vice Chancellor Merit Scholarship Scheme for Innovation has recognised and rewarded exceptional student-led projects that showcase groundbreaking ideas, technological advancements, and sustainable solutions. This year's recipients, chosen for their inventive approaches and commitment to impactful change, represent a diverse array of disciplines and innovative thinking. The awarded projects and scholars include:

- Ankita (Roll No. 21ECD002) received ₹48,000 for her project focused on harvesting energy from ambient light sources to power IoT devices, promoting sustainable energy use in technology.
- Device Automation System for Homes (DASH) project, awarded ₹25,000, was developed by a team comprising Abhishek (19CSU372), Yajus (19CSU349), Tanu (19CSU320), and Sarthak (19CSU378). DASH aims to revolutionise home automation, enhancing convenience, efficiency, and safety.
- Neeraj Yadav (21ASD008) was awarded ₹60,000 for his eco-friendly approach to synthesising biodegradable polymers, contributing to sustainable practices in material science.
- Manoj (20ASD009) earned ₹80,000 for his innovative project developing an MXene-based molecular imprinted electrode to improve in vitro diagnostic accuracy for bilirubin levels in human serum, a significant advancement for medical diagnostics.
- The "Pill Organiser" project, designed to assist with medication management, especially for the elderly, received ₹10,000. This
  project was collaboratively created by Harman Singh (20CSU178), Akshat Singh (20CSU007), Gaurav Mahajan (20CSU039),
  and Sivam Saini (21CSU092).

These projects embody the spirit of innovation and reflect our institution's commitment to fostering a culture of creativity, research, and sustainable development.

#### Teachers' Day Celebration: Felicitation of Researchers and Distinguished Teachers

Teachers' Day was celebrated at NCU to acknowledge the invaluable contributions of the faculty to the university. Professors were honoured with awards such as 'Outstanding Teachers,' 'Effective Academic Administrators,' and special recognition for top researchers. The event also featured performances by faculty members, showcasing their talents in singing, dancing, and poetry recitations, adding a memorable touch to the celebration.

#### Recent Initiatives at The University

#### Establishment of an Academic and Administrative Development Centre (AADC) at NCU

The NorthCap University signed an Memorandum of Understanding (MoU) with the Association of Indian Universities (AIU) for the establishment of an Academic and Administrative Development Centre (AADC) at NCU, aiming to provide much-needed training and development opportunities for faculty members and administrative staff from Indian universities and other Higher Education Institutions (HEIs).

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Under the terms of the agreement, NCU will 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 topics including pedagogical innovation, leadership development, NEP implementation, digital transformation in education, emerging areas and governance of educational institutions.

#### Setting up of The Taiwan Education Centre at NCU

A Taiwan Education Centre (TEC) has been set up at NCU on 6<sup>th</sup> August, 2024 in collaboration with the National Tsing Hua University (NTHU), Taiwan. NTHU was originally established in 1911 in the Chinese capital of Beijing, and later relocated to Hsinchu City in Taiwan. Over the last sixty years, NTHU has developed into an institute with 12 colleges and more than 140-degree programmes. NTHU is ranked by the QS World University Rankings (2024) at no. 233. The Taiwan Education Centre through the NTHU will facilitate The NorthCap University in disseminating knowledge about Mandarin Chinese Language, promoting Taiwan's culture, and higher education. The signing of the MoU forges a partnership with NTHU, paving the way for collaborative research, student and faculty exchanges and various other academic initiatives.



#### Setting up of Psychology Lab

The Psychology Lab inauguration on 15th July, 2024 marked a significant milestone in advancing academic and practical learning in the field of psychology. The event was graced by the esteemed presence of Chief Guest, Dr. Purnima Singh, Professor Emeritus, IIT Delhi, a renowned psychologist with a vast body of work in both academic and clinical domains. Dr. Singh's insightful address emphasised the importance of hands-on training and experiential learning in shaping the future of psychology students. She highlighted how well-equipped labs foster critical thinking, enhance research capabilities, and bridge the gap between theoretical understanding and real-world application. The lab is designed to provide a conducive environment for conducting psychological research and improving students' practical skills. The event concluded with a tour of the facility, showcasing its cuttingedge equipment and interactive setups that aim to enrich the learning experience. This initiative sets a strong foundation for further academic pursuits and collaborative research in psychology.



#### Mental Health and Well-being Initiatives

Recognising the importance of mental health and well-being, The NorthCap University has taken a proactive step by onboarding a professional psychologist to offer tailored support for both students and staff. Through regular workshops and personalised counseling sessions, the university is committed to fostering a nurturing environment where academic and personal growth go hand-in-hand. These initiatives not only address immediate mental health needs but also empower our community with resilience, enhancing emotional well-being and creating a balanced, supportive campus atmosphere for all.

#### Accreditation Service for International Colleges (ASIC), UK - Reaccreditation

The university underwent re-accreditation inspection by Accreditation Services for International Colleges (ASIC), UK, on 29<sup>th</sup> and 30<sup>th</sup> May, 2024. The team consisted of Ms. Florence Waniwa (Customer Support Manager, ASIC, UK) and Dr. Hardik Vachharajani (Professor and Director of Quality Management and Benchmarking, Symbiosis International University, Pune). During their visit, Ms. Waniwa and Dr. Vachharajani interacted with senior university functionaries, faculty members, students, and administrative staff. Post-inspection and evaluation as per the laid down matrices and criteria of ASIC, the university has been re-accredited by ASIC as a "Premium Institution" with "Commendable badges", valid till 1<sup>st</sup> August, 2028.



#### Sustainability initiatives at NCU

#### Sustainability within the Campus

The NorthCap University is committed to advancing sustainable development by integrating environmental, social, and economic considerations at the campus. Various sustainable and green practices in place are:

- 150 kW roof top solar PV system
- Integrated water management system
- 100 KLD sewage treatment plant
- · Zero discharge campus with 100% recycling of waste water in the campus
- 5 Rainwater Harvesting Pits
- · Integrated solid waste management
- Energy efficient appliances
- Water Efficient Sanitary Fixtures

This year NCU has taken additional steps to enhance sustainability in the campus. Few of the initiatives are:

- Implementation of sustainable procurement policies that focuses on meeting NCU's operational needs while minimising environmental impact and promoting social responsibility.
- · Installation of plastic bottle crusher to promote responsible consumption and recycling of plastic waste.

#### Sustainability outside the Campus

Focusing On SDG 11: Sustainable Cities And Communities; SDG 12: Responsible Consumption; SDG 15: Life On Land

#### · Making city clean - Swachhta initiatives in Gurugram

Sectors 22, 23, and 23A in Gurugram have been the focus of ongoing Swachhta initiatives aimed at improving cleanliness and maintaining a healthy urban environment. A dedicated team from NCU has been playing a crucial role in this effort by taking proactive steps to ensure cleanliness in the areas surrounding the university.

The NCU team continuously monitors the area and regularly registers complaints on the GMDA (Gurugram Metropolitan Development Authority) website, ensuring that thorough cleaning operations are initiated in areas affected by garbage accumulation and other urban environmental challenges. Their persistent efforts help maintain hygiene standards and raise awareness about the importance of a clean environment. The active involvement of the NCU team is a model of community-driven action, aiming to make Gurugram a cleaner and healthier city for all.

#### Sustainable solid waste management in Sadhrana Village

The sustainable management of solid waste, particularly cow manure, is a critical focus in Sadhrana Village. The Unnat Bharat Abhiyan Project team of The NorthCap University is working in the village to construct a vermicomposting chamber to manage the cow dung waste. This not only aligns with traditional farming practices in Haryana but also contributes to achieving several Sustainable Development Goals (SDGs), including responsible consumption, sustainable communities, and the promotion of life on land. This initiative represents a crucial step towards better organic waste management and a more sustainable future for the village and its agricultural community.

#### · Plantation - increasing the green belt in semi urban areas of Gurugram

The rapid urbanisation of Gurugram has resulted in environmental challenges, particularly in its semi-urban areas. To address these issues, initiatives aimed at increasing the green belt have become critical for fostering sustainable development and enhancing environmental quality.

As part of these efforts, first-year students of The NorthCap University visited villages and contributed under the initiative "Ek Ped Maa Ke Naam". The students actively participated in tree plantation drives, contributing to the expansion of green cover in semi-urban regions. This initiative not only promotes environmental conservation but also instills a sense of responsibility towards nature among the youth.

#### Infrastructure Enhancement Initiatives

A key upgrade this year is the establishment of a state-of-the-art building exclusively dedicated to Media and Entertainment Studies. This facility houses a hi-tech Dolby Atmos studio, a film production studio which acts as a space for music recording, immersive audio, video shoots, VFX green screen keying and three computer labs, with dedicated iMacs and high-end PCs for project rendering. The entire infrastructure is designed to nurture creativity and hands-on learning for students pursuing media-related courses. The studio is equipped with cutting-edge technology, including advanced lighting, audio-visual equipment, 48 inputs of microphone and editing tools, positioning NCU as a leader in providing practical education for the media industry.







To foster an advanced learning environment, university has recently upgraded its classrooms to integrate state-of-the-art digital equipment as per AVIXA standards, aimed at enhancing both teaching and learning experiences. These newly equipped classrooms reflect NCU's commitment to innovation and excellence in education, ensuring students and faculty have access to the latest tools and technology.

The upgrades include the installation of laser projectors and audio systems that offer superior visual quality, enabling instructors to deliver crystal-clear presentations and multimedia content ensuring to provide high-definition visuals with long-lasting performance, reducing maintenance efforts and reliability during the lectures.

In line with the university's push towards a tech-driven campus, facial biometric devices have been installed in these classrooms to streamline attendance management. This system not only simplifies attendance tracking but also ensures accuracy and accountability, reducing manual effort and potential errors.

NCU is recognised as a safe and secure campus for all its students, underscored by our implementation of the Vizitor app, a robust digital visitor management system. This advanced solution streamlines the check-in process, enhances campus security, and ensures seamless visitor tracking. With efficient visitor registration, instant host notifications, badge printing, and digital verification, Vizitor not only reduces paperwork but also improves the overall visitor experience. Its features align with data security standards, making it an ideal solution for enhancing campus safety and operational efficiency.

#### Induction/Orientation Programme - Deeksharambh 2024

The NorthCap University hosted Deeksharambh 2024, a four-week induction-cum-orientation programme to welcome its incoming batch of students. The programme introduced students to the university's policies, culture, and values, facilitating a smooth transition into academic roles while aligning them with NCU's mission and fostering a sense of belonging and community.

Students participated in diverse activities and sessions, including the workshops on communication and computer skills, sports activities, visits to NCU-adopted villages, industrial tours, mentorship opportunities, and club engagements. The programme culminated in a vibrant cultural evening and closing ceremony, strengthening students' connection to NCU and setting the foundation for a fulfilling educational journey.

The Masterclass Series, organised by the Centre for Professional Attachment & Alumni Engagement, featured inspiring and highly informative sessions.

#### Masterclass 1: Ms. Himani Bhasin (Director -Learning & Development, APAC at JLL)

Ms. Himani Bhasin shared her professional journey, emphasising five key skills for success, including communication, interpersonal skills, strategic thinking, emotional intelligence, and conflict resolution.



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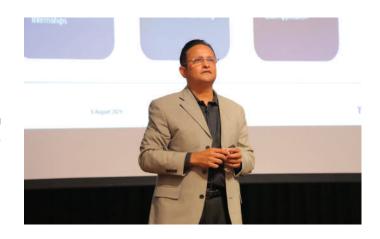


## Masterclass 2: Mr. Nitin Kapoor (Vice President at NSDC Academy)

Mr. Kapoor shared insights on the "ABCs of Life," highlighting the importance of awareness, self-belief, commitment, integrity, and enjoying life's journey without comparison.

## Masterclass 3: Mr. Shree Parthasarathy (Partner Consulting & Leader at Forvis Mazars)

Mr. Parthasarathy advised students on building a strong career foundation, focusing on core knowledge, digital literacy, adaptability, goal-setting, and personal branding.



## Masterclass 4: Mr. Anujh Tewari (Chief Cybersecurity Advisor at Microsoft)

Mr. Tewari highlighted the importance of data protection and responsible AI development, discussing cybersecurity challenges and ethical implications in an AI-driven future.

## Masterclass 5: Mr. Deepak Kapur (Vice President, Corporate HR at AVL India Pvt. Ltd.)

Mr. Kapur discussed overcoming challenges through practical skills, encouraging students to reflect on the past, stay vigilant in the present, and maintain hope for the future.



## Masterclass 6: Mr. Ankit Jhamb (Chief Learning Officer at Grant Thornton Bharat LLP)

Mr. Jhamb emphasised mental resilience, sharing his journey to highlight the importance of discipline and determination for growth and personal strength.



# 14th August 2024 11.30 AM Auditorium, NCU Compus

## Masterclass 7: Mr. Amit Kataria (COO & Co-Founder at SARAS AI)

Mr. Kataria encouraged students to define their goals early, pursue them with dedication, and emphasised the value of decisive choices for personal fulfillment.

## Masterclass 8: Ms. Priti Chopra (Asst. Vice President at Genpact)

Ms. Chopra stressed adaptability and the importance of aligning skills with industry demands, focusing on continuous learning, upskilling, and building a unique personal brand for success.



#### NCU Students' Community Engagement Visits to Adopted Villages

As part of its commitment to uplifting local communities, Unnat Bharat Abhiyan (UBA) NCU organised impactful visits to its adopted villages—Gwal Pahadi, Sadhrana-Hamirpur, and Aklimpur—on August 13th, 16th, and 20th respectively. First-year students, along with their mentors and UBA volunteers, led various initiatives, including plantation drives, detailed household surveys, and cleanliness campaigns. Additionally, villagers participated in literacy programmes focusing on digital skills, legal awareness, and substance abuse prevention.

For the first-year students, these activities provided an immersive introduction to community service at NCU, offering valuable hands-on experience in organising and implementing community-based projects.

#### Industrial Visits

Newly admitted NCU students participated in industry visits designed to provide valuable insights into the latest trends, technologies, and management practices. These hands-on experiences helped students connect their coursework to real-world applications and gain a deeper understanding of their fields. The details of these visits are outlined below:

Place	Details	
Parle Factory	History and biscuit manufacturing process	
Winntus Formwork Pvt. Ltd	Management principles, manufacturing processes, HR practices	
TERIgram Retreat	Climate change, renewable energy, sustainable practices	
National Physical Laboratory	Research on semiconductor materials, solar cells	
Yakult, Sonipat	Probiotics, HACCP model, global operations	
Maruti Centre of Excellence	Industrial safety, machinery, manufacturing protocols	
Air Force Museum	Indian military aviation history, aircraft, war memorabilia	
The Parliament of India	Insights into India's legislative system, history, and contemporary developments	





#### **Mentoring Sessions**

Mentoring sessions were conducted to ease incoming students into academic life. Faculty provided an overview of the schools' structures, expectations, achievements, and mandatory activities, highlighting the importance of academic and extracurricular involvement for a well-rounded resume. The sessions also encouraged consistent reading for personal and professional growth. The closing ceremony featured speeches by Prof. Prem Vrat, Pro-Chancellor, and Prof. Manoj Kumar Gopaliya, Dean of Academic Affairs, welcoming students. Vibrant performances, including dance, music, theatre, and a fashion show, showcased student talents. Prof. Nupur Prakash, Vice Chancellor, NCU, concluded the event with remarks and a comprehensive summary of the induction programme's sessions and activities.

# Events and Activities at ourSchools & Departments

#### DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

The Department of Computer Science and Engineering offers BTech, BCA, MTech, MCA, and PhD programmes and is one of the best BTech in Computer Science Engineering colleges in Delhi, NCR. The Department of Computer Science and Engineering at The NorthCap University is leveraging the invaluable opportunities created by the tech revolution sweeping across the world; the revolution that has brought phenomena such as user experience, Artificial Intelligence, Data Science, Internet of Things and Cyber Security.

Ranked among the top private universities for engineering in India, The NorthCap University partners with leading organisations to enable joint collaborative work in R&D products, internships, and placements, improvement of research and academic programmes, and exchange of experts and researchers. The academic excellence of the department is reflected in the best placement history, which corroborates that it is the Top College for BTech in India. Consequently, a significant number of students gain admission to higher studies in institutions of national and international repute.

#### Notable Industry Collaborations in the year 2024

ICT Academy - The NorthCap University signed MoU with ICT Academy, a Government of India initiative in 2024. The MoU has facilitated numerous benefits for faculty and students, including Faculty Development, Training Programmes, and Skill Development Initiatives in 2024. The establishment of the Honeywell Center of Excellence for the Youth Empowerment Programme is a notable outcome. Additionally, 4 faculty members participated in a development programme, and 120 students received training on current trends like Microsoft Azure AI Data Analytics.

MongoDB - In January, 2024, The NorthCap University signed a Memorandum of Understanding (MoU) with MongoDB to provide students and educators access to all the benefits of the MongoDB for academia programme. This partnership aims to enhance learning by offering advanced tools and resources, fostering industry-relevant skills in database management and development.

#### A Spectrum of Opportunities: Dive into the Department's Events and Activities!

#### Expert Session on 'Exploring the Horizons of Networking in the Digital Era'

Department of Computer Science & Engineering hosted an insightful expert session titled 'Exploring the Horizons of Networking in the Digital Era' on 24<sup>th</sup> January, 2024. Mr. Pradeep Mittal (Senior Service Delivery Leader, CISCO Systems, USA) was the distinguished speaker, offering valuable career insights into networking. Mr. Mittal discussed his professional journey, highlighting how networking played a pivotal role in his success.

#### Unnat Bharat: Sadhrana Village visit

Unnat Bharat Abhiyan (UBA) team from The NorthCap University organised an outreach event in Sadhrana Village on 20<sup>th</sup> January, 2024. The objective of the visit was to raise awareness about the university's diverse educational programmes and its various community-focused initiatives. The team engaged with local residents, highlighting NCU's efforts in promoting education, skill development, and social welfare. Through interactive sessions and discussions, the UBA team aimed to strengthen the university's connection with the village and encourage active participation in its programmes, fostering growth and empowerment within the community.

#### Android Study Jam 2.0

The Google Developer Student Club (GDSC) at The NorthCap University successfully organised Android Study Jam 2.0, a hybrid event in partnership with Google Developer Group (GDG) Gurugram in February, 2024. The event featured four prominent speakers from GDG Gurugram, including Vivek Chauhan, Lead Android Engineer at Cyntra New, and Hitesh Garg, Product Manager & DevRel Lead at QuickBlox, who shared valuable insights into Android development. With a strong turnout of both in-person and virtual participants, the event was a resounding success, offering attendees a wealth of knowledge and hands-on learning.

#### Workshop on Web3

The IoT Club of the Department of Computer Science organised an informative workshop on Web3 technology. The session delved into the transformative potential of Web3 and its practical applications in various industries. Industry experts, Mr. Anchit and Mr. Sanket, were invited as keynote speakers, offering valuable insights into the decentralised web, blockchain, and their impact on the future of digital ecosystems. The workshop was an enriching experience, sparking curiosity and discussions among attendees.

#### Mastering Mental States: A Journey from Stress to Success

On 29<sup>th</sup> April, 2024, the Department of CSE organised a session on mastering mental states, led by Ms. Anita Arora (NLP Practitioner). The session focused on managing stress and building positive habits. Students engaged in hands-on activities exploring NLP techniques to reprogramme thought patterns.

#### Cython 2024 - Roadshow

The SOCCER Club, in association with the Centre of Excellence – Cyber Security at The NorthCap University, hosted 'Cython 2024 – Roadshow,' a pre-hackathon workshop designed to ignite creativity and innovation in the field of cybersecurity in March, 2024. The event aimed to equip students with the necessary skills and knowledge to tackle emerging cybersecurity challenges. Esteemed representatives from FITT-IIT Delhi, the National Critical Information Infrastructure Protection Centre (NCIIPC), and successful entrepreneurs shared their expertise. They provided valuable insights into problem-solving techniques and entrepreneurial strategies, fostering an environment where students could explore new avenues for cybersecurity solutions.



#### **Cyber Awareness Session**

The Department of Computer Science and Engineering (CSE) conducted an insightful session entitled 'Cyber Vigilance: Best Practices and Pitfalls to Avoid,' specifically designed for a select group of CSE students in April, 2024. The session was led by Sh. H.S. Randhawa, Assistant Commissioner of Police (ACP) for the Cyber Crime Unit within the IFSO of the Special Cell, Delhi Police. The primary objective of this session was to enhance students' understanding of effective cybersecurity practices and to raise awareness about common mistakes to avoid in the digital landscape. Sh. Randhawa shared his extensive knowledge and real-world experiences, providing students with practical insights and strategies for navigating the complexities of cybersecurity.



#### TechEmerge Conclave: 'Illuminating the Path to Tomorrow'

Department of CSE hosted the TechEmerge Conclave titled 'Illuminating the Path to Tomorrow' on 16<sup>th</sup> April, 2024. The engaging event was spearheaded by Prof. Prem Vrat, Hon'ble Pro-Chancellor of The NorthCap University, and was specifically designed to assist first-year BTech CSE students in making informed decisions regarding their specialisations. The conclave was honoured by the presence of Dr. Sameer Saran, Deputy General Manager at the National Remote Sensing Centre (NRSC) of ISRO, who served as the Chief Guest. In addition to Dr. Saran, the event welcomed several distinguished ISRO scientists and industry experts, who shared their insights and experiences with the students. A highlight of the event was the launch of the Quick Reference Guide.

#### Campus Hero Webinar

The Department of Computer Science and Engineering (CSE) in partnership with Coding Ninjas, organised a webinar on 13<sup>th</sup> March, 2024 aimed at preparing students for placements in product-based companies. The event featured Ms. Yashi Bagoli, an alumna and software engineer at SF Technologies. Participants gained essential insights into the placement process and had the opportunity to interact with the speaker, receiving valuable guidance for their career preparation.

#### Java Quiz event under Club Fiesta activities

The Women in Coding (WIC) club conducted a Java quiz event as part of Club Fiesta, designed to assess participants' knowledge and comprehension of Java programming concepts. The quiz comprised multiple-choice questions and coding problems related to Java programming, facilitated through google forms. This event was successful in promoting a spirit of learning and healthy competition among students with an interest in Java programming.

#### International Conference on Intelligent Systems for Cybersecurity (ISCS 2024)

The Department of Computer Science and Engineering (CSE) in collaboration with IEEE and sponsored by the Department of Science and Technology's Science and Engineering Research Board (DST SERB), hosted the International Conference on Intelligent Systems for Cybersecurity (ISCS 2024) on 3<sup>rd</sup> and 4<sup>th</sup> May, 2024. The conference received an impressive response, with over 1,000 submissions from researchers and practitioners around the world, highlighting the global interest in advancements in cybersecurity.

The event featured Dr. Chandrika Kaushik, distinguished Scientist 'H' at the Defence Research and Development Organisation (DRDO), who served as the Chief Guest. She brought valuable insights into the latest developments in intelligent systems. Additionally, keynote addresses were delivered by Mr. C. Anantram, an Independent AI Consultant, and Mr. Sudhanshu Malhotra from Gemini Solutions Pvt. Ltd., both of whom shared their expertise on the intersection of artificial intelligence and cybersecurity. This gathering not only facilitated knowledge exchange among participants but also fostered collaborations aimed at addressing contemporary challenges in the field of cybersecurity.



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#### Confederation of Indian Industry (CII) Annual Business Summit 2024

Held on 17<sup>th</sup> to 18<sup>th</sup> May, 2024 in New Delhi, the Confederation of Indian Industry (CII) Annual Business Summit 2024 focused on shaping India's economic future. Representatives from The NorthCap University, including Vice Chancellor Prof. Nupur Prakash and Dr. Rita Chhikara, attended the summit.





#### National Space Day

On 9th August, 2024, NCU, Gurugram, in collaboration with Delhi Earth Station, ISRO, celebrated National Space Day. The event honoured India's space achievements and aimed to inspire future scientists and engineers. Highlights included inspirational talks by ISRO scientists Sh. Leena Kohli Kapoor on "My Life Journey" and Sh. Gaurav Agrawal on the "Chandrayaan Mission." The celebration also marked the inauguration of the Honeywell Centre of Excellence.



Inauguration of Centre of Excellence-Honeywell and Launch of "Certificate Course on Data Analytics" at NCU

The Department of CSE inaugurated the Centre of Excellence-Honeywell on 14<sup>th</sup> August, 2024, launching a 100-hour "Certificate Course on Data Analytics" for BTech. The training is a part of the "Student Empowerment Programme Centre for Youth Empowerment," powered by the Honeywell Centre of Excellence and ICT Academy at NCU. The event was graced by Mr. Abhinandan Pandey, State Head (North India) at ICT Academy, Prof. Rita Chhikara, Head of CSE, and Mr. Shubham from ICT Academy.

#### Game-On: Clash of Clans & Clash Royale Tournaments

On 14<sup>th</sup> August, 2024, the Cloud IoT Club at NCU hosted the Game-On: Clash of Clans & Clash Royale Tournaments, featuring popular mobile strategy games. The event was coordinated by Mr. Sumit Kumar with the support of Jatin Dalal and The Core Team of Cloud IoT Club.

#### Beyond the Gantt Chart: Building Moral for Project Management

On 20<sup>th</sup> August, 2024, the IEEE Student Branch and Department of CSE, in collaboration with IEEE Delhi Section and Industry Relation Committee Region 10, hosted a one-day event on "Beyond the Gantt Chart: Building Moral for Project Management." The event included insightful talks from industry leaders, followed by a panel discussion moderated by experts.

#### Seminar on Women's Safety

On 17<sup>th</sup> August, 2024, a seminar on women's safety was conducted at The Northcap University. Dr. Kavita HPS, Assistant Commissioner of Police (ACP), Crime Against Women, delivered powerful insights on women's safety apps, scams, and legal awareness. The seminar aimed to empower students with knowledge on how to protect themselves in both the physical and digital worlds.

#### Rage Against the Cage:

On 26<sup>th</sup> September, 2024, the "Rage Against the Cage" event was conducted. It was organised by The Sehyog Club at The NorthCap University, aimed 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.

#### DEPARTMENT OF MULTI-DISCIPLINARY ENGINEERING

The Department of Multidisciplinary Engineering (MDE) at The NorthCap University is recognised for its commitment to innovation, creativity, and academic excellence. Offering a diverse range of PhD, and MTech programmes across core engineering disciplines—including civil, electrical, electronics and communication, and mechanical engineering—the department integrates rigorous academics with real-world applications. The focus is to empower students with the knowledge and skills essential for success in industry, academia, and beyond, making the department a preferred destination for students, faculty, employers, and collaborators alike.

MDE is dedicated to fostering a dynamic educational environment where students gain not only technical expertise but also hands-on experience and a mindset geared toward innovation and societal contribution. Committed to producing graduates with a global outlook, the department encourages interdisciplinary collaboration, research excellence, and entrepreneurial development. Through partnerships with industry and academia, the department aims to address emerging technological challenges and provide solutions to contemporary societal needs. By aligning the programmes with NEP 2020, the department ensures its curriculum remains flexible and industry-relevant, positioning our graduates as skilled professionals poised for impactful careers.

#### **Facilities & Resources**

The department is equipped with an array of specialised labs that provide students with hands-on experience and support cuttingedge research. These facilities span key areas in engineering, including communication systems, embedded design, environmental engineering, machine learning, and Internet of Things (IoT). Each lab is designed to foster practical knowledge, enhance technical skills, and encourage innovation.

A standout facility is the NAVIC (Navigation with Indian Constellation) Lab, which leverages India's advanced satellite navigation system. This lab supports in-depth exploration of navigation technologies, enabling students and researchers to develop location-based applications with real-world applications in industries such as geospatial engineering, defense, and logistics.

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The department also boasts labs like the CAD (Computer Aided Designing) Lab and the Embedded System Design Lab, which are essential for skill development in design and embedded technologies, while the Soil Mechanics & Foundation Engineering Lab, Concrete Technology Lab, and Surveying Lab offer practical experience in core civil engineering practices. Facilities like the Antenna and Wave Propagation Lab, VLSI Lab, and Optical Communication Laboratory reflect the department's commitment to covering foundational and emerging fields in electronics and communication.

#### Significant Events and Activities of the Year

#### Third Regional Conclave (Northern Region) of IEI

On 16<sup>th</sup> March, 2024, The NorthCap University, in collaboration with the IEI Faridabad Local Centre, hosted the Third Regional Conclave (Northern Region) of the Institution of Engineers India (IEI). Themed "Exploring Emerging Trends in Engineering," the conclave facilitated collaboration and knowledge exchange among academia, industry experts, and engineering professionals. Dr. Sushil Kumar, Chief Scientist at CSIR National Physical Laboratory, served as the Chief Guest, alongside senior IEI Fellows, each bringing decades of expertise. The event featured a series of technical sessions, including insightful lectures by Dr. Rakhi Nangia from the Ministry of Electronics and IT, Ms. Divya Gera from Broadcom, and Mr. Vineet Gupta from Gemini Solutions. Students participated actively, presenting research papers and models, and competing in mini-project and ideathon competitions, which emphasised innovative solutions to real-world problems.

#### Two-day workshop on "Advanced Air Conditioning Systems: Technologies, Components, and Eco-Friendly Solutions"

The two-day workshop on "Advanced Air Conditioning Systems" was organised on 9-10<sup>th</sup> May, 2024 with the aim to provide a comprehensive understanding of modern air conditioning technologies, components, and environmentally friendly solutions to the participants. The workshop targeted BTech-Mechanical Engineering students who have a keen interest in gaining practical knowledge and insights into the field. The two-day skill enhancement initiative under collaboration with Daikin India Pvt. Ltd. proved to be a rich experience for the students with valuable insights into the latest technologies and practices in the field. The students found it to be a valuable opportunity for advancing their skills in air conditioning technology.

# Expert Lecture on 'World of Semiconductor Technology: Latest Trends' and counseling for 'Women in Tech' programme from NXP

On 18<sup>th</sup> September, 2024, the IEI Student Chapter at The NorthCap University hosted an expert lecture on World of Semiconductor Technology: Latest Trends, by Dr. Vandana Khanna. She provided valuable insights into VLSI and semiconductor technology, emphasising its critical role in today's AI-driven landscape. She highlighted recent advancements within the semiconductor industry and discussed the India Semiconductor Mission, detailing government initiatives aimed at expanding job prospects in design, manufacturing, packaging, and testing. Additionally, Dr. Khanna introduced the Women in Tech programme by NXP Semiconductors, which encourages female students to pursue leadership in technology and innovation.

#### The IEI Students' Chapter Reinstallation Ceremony 2024

The IEI Students' Chapter at The NorthCap University celebrated the reinstallation ceremony of the chapter on 8<sup>th</sup> February, 2024. Er. D. K. Dewan- AVP at MACE (Maruti Suzuki Center for Excellence) and having over 40 years of experience in the Auto Manufacturing Industry graced the occasion as the esteemed chief guest. The event not only marked the celebration of past achievements but also looked towards a promising future, as several new members were inducted into the IEI chapter of NCU. This reinstallation ceremony signified the beginning of a successful and fulfilling year ahead.

#### **Environment Day Celebrations**

On 5th June, MDE celebrated World Environment Day with the theme "Land Restoration, Desertification, and Drought Resilience."

Participants engaged in various activities like planting trees, watching informative thematic video, and taking part in an exciting quiz. The celebration concluded with an oath-taking ceremony, reinforcing the commitment to environmental preservation and sustainable practices. The event helped raise awareness and inspiring action towards land restoration and resilience against desertification and drought.

#### Workshop on Unleashing Innovation: A Journey Through Creativity

Club Alumnate, Department of Multidisciplinary Engineering (MDE), in collaboration with the Centre for Professional Attachment and Alumni Engagement (CPAA), organised a workshop on "Unleashing Innovation: A Journey Through Creativity" on 20<sup>th</sup> March. The workshop was conducted by Mr. Naveen Goyal, Senior Social Media Strategist, AIS Infosource, and Alumni of BTech-ME, NCU, who delved into a wide range of out-of-the-box thinking ideas, igniting a spark of creativity among the attendees. Mr. Goyal's engaging presentation captivated the audience, offering valuable insights into innovative strategies and approaches. The interactive nature of the workshop encouraged active participation from the students, who eagerly shared their perspectives and ideas.

## TIMES 2024 - International Conference on Technological Innovations in Multidisciplinary Engineering and Sciences

The International Conference on Technological Innovation in Multidisciplinary Engineering and Sciences (TIMES 2024), hosted by the Department of Multidisciplinary Engineering, was held on 6-7th September, 2024. The Inaugural Ceremony featured esteemed dignitaries, including Chief Guest Dr. Satya Gupta, Guest of Honor Dr. L. Venkata Subramaniam, Pro-Chancellor Prof. Prem Vrat, Vice Chancellor Prof. Nupur Prakash, and Conference Chairperson Prof. Sharda Vashisth. TIMES-2024 encompassed a series of keynote, plenary, and technical sessions led by renowned speakers from prominent global institutions such as Universiti Teknologi Malaysia and Galala University, Egypt. Focusing on the latest advancements in engineering and sciences, the conference included specialised tracks and sub-themes to address its diverse objectives, drawing distinguished participants from prestigious institutions worldwide. Notable participating universities included the University of Sharjah, UAE; University of Waterloo, Canada; Kyoto University, Japan; Lebanese International University, Lebanon; Universiti Teknologi Malaysia; Galala University, Egypt; and UAG, Mexico, among others. During the event, the Book of Abstracts was officially released, along with Quantum Nation, authored by Dr. L. Venkata Subramaniam, marking an impactful contribution to the field. TIMES-2024 successfully fostered a global exchange of ideas and innovations in multidisciplinary engineering and sciences, reinforcing the university's commitment to technological and academic excellence.



#### **Annual Report 2024**



#### ISHRAE aQuest Quiz Competition

On 17<sup>th</sup> January, 2024, the Department of Mechanical, Design, and Engineering (MDE) at The NorthCap University hosted the North Zone quarterfinals of the prestigious aQuest Quiz Competition, an annual initiative by the Indian Society of Heating, Refrigerating, and Air Conditioning Engineers (ISHRAE). This signature national-level quiz drew qualified teams from various ISHRAE student chapters across cities including Delhi, Chandigarh, and Jaipur, turning our campus into a vibrant hub of knowledge exchange. The event was honoured by the presence of distinguished guests, including Mr. Sanjay Sharma, Head of Marketing- Carrier, who served as the Chief Guest. Representatives from ISHRAE's Delhi, Jaipur, Chandigarh, and Gurugram chapters also graced the occasion. The platform highlighted not only the academic excellence of participating teams but also strengthened industry connections through our esteemed partnership with ISHRAE Gurugram chapter.

#### Workshop on "IOT based Home Automation using NodeMCU" organised by IEEE RAS Chapter of NCU

IEEE RAS Chapter of The NorthCap University conducted a workshop on IoT-based Automation using NodeMCU on 14<sup>th</sup> February, 2024. Students delved into the realm of smart living and gained invaluable insights into NodeMCU's capabilities through handson sessions and expert guidance. They crafted innovative solutions for home automation, from controlling lights to monitoring environmental conditions. The workshop fostered collaboration and sparked creativity among its participants, empowering them to apply their newfound knowledge in real-world projects.

#### IEEE RAS Hosts Blog Writing Competition to Celebrate Be Electrific Day:

The IEEE RAS organised a blog writing competition in honour of 'Be Electrific Day', celebrated annually on 11th February to recognise the pioneering contributions of Thomas Alva Edison, one of history's most renowned inventors. The competition, held from 11th to 21st February, 2024, encouraged participants to explore the theme of "self-discovery of the electricity within us." The event invited students to submit blogs in three distinct categories: 'Data is the New Electricity; From Homes to Cars', 'It's Time to Electrify Everything' and 'Live Life Electrified: Nurture the Electricity Within Each of Us'. The competition provided students an opportunity to reflect on the transformative power of electricity in modern life and celebrate Edison's legacy.

#### Student Visit to Yuva Road Safety Summit 2024

Students from the Department of Multidisciplinary Engineering had an enriching experience at the Yuva Road Safety Summit 2024 on 21<sup>st</sup> February, 2024, at BR Ambedkar International Center, New Delhi. The students engaged in a live session with Chief Guest Ministry of Road Transport and Highways, gaining insights into road safety policies. They honed road driving skills on a Maruti Suzuki simulator and received first aid training for road accidents. This immersive experience instilled a deeper understanding of road safety, empowering students to become responsible drivers and advocates for safer roads.

#### Webinar on Advanced HVAC Systems at The NorthCap University

The NorthCap University, in collaboration with the ISHRAE Gurugram Chapter, hosted a webinar on Advanced HVAC Design Systems on 4<sup>th</sup> May, 2024. The event featured Mr. Yogender Kumar, Senior HVAC Designer at AECOM India Global Pvt. Ltd., as the keynote speaker. Mr. Kumar delivered a comprehensive presentation on the latest advancements in HVAC design, focusing on innovative techniques and technologies that improve system efficiency and sustainability. The session provided participants with valuable insights into cutting-edge HVAC solutions and their applications across various industries.

#### Webinar on "Importance of JAVA Language" by Coding Ninjas

On 26<sup>th</sup> April, 2024, IEI Society of The NorthCap University organised an expert lecture on 'Importance of JAVA Language' in collaboration with Coding Ninjas. The guest speaker for the session was Mr. Tushar Goyal, Software Development Engineer II and a distinguished alumnus of IIT Mandi. Mr. Goyal provided an in-depth analysis of the applications of Java across various industries, highlighting the significance of proficiency in this programming language as a highly sought-after skill. The webinar offered attendees a comprehensive understanding of Java's sustained relevance in the rapidly evolving technology landscape. It proved to be a valuable learning opportunity for students aspiring to pursue careers in technology, equipping them with insights into the practical applications of Java and guiding them in making informed decisions regarding the development of their programming skills.

#### DEPARTMENT OF APPLIED SCIENCES

The Department of Applied Sciences comprises of physics, chemistry and mathematics sections. The focus of the programme is to enable the professionals to lead in academics, research and industries. The Department offers PhD programmes in thrust areas of physics, chemistry and mathematics.

- · Highly qualified, experienced and research driven faculty mostly from reputed organisations of the country.
- The department has modern infrastructural & instructional facilities to create a contemporary state-of-art learning environment.
- The department is actively engaged in research and has received funding from various funding agencies like DST, DRDO etc.
- The faculty members publish their research work in various journals of repute.

The department educates a diverse group of students through a blend of rigorous and project-based curricula and adopting unique teaching methodologies. Basic sciences form the backbone for knowledge development not only for scientists but also for engineers. The focus is to produce scientists and engineers equipped with modern scientific tools with strong understanding towards real world and engineering problems.

#### **Facilities & Resources**

- Central Research Facility: The Central Research Facility and the state-of-the-art labs are available to raise laboratory
  experience to new levels.
- Math Lab: Aspects of Mathematics, the Math Lab was established in the department. It provides a learning environment
  where students can visualise various mathematical functions in multi-dimensional space, learn to solve mathematical
  problems numerically, visualise the solution trajectory and more.
- Physics Labs: Two physics labs with facilities of biprism setup, diffraction grating set, bar pendulum, Michealson interferometer,
   Newton ring apparatus, Polarimeter, Planck constant set, spherometer, Vernier calliper, numerical aperture set, ultrasonic diffraction set, cathode ray oscilloscope, dielectric constant kit and more.
- Chemistry Lab: The department has a Chemistry lab with facilities of conductometer, centrifuge machine, distillation plant, electrical balance, flash point apparatus, flame photometer, pH meter, Redwood viscometer, spectrophotometer, melting point apparatus, ultrasonic bath, magnetic stirrer, etc.
- Environmental Microbiology Lab: The Department of Applied Sciences was established to facilitate research at the
  university and is equipped with gas liquid chromatography, UV- VIS spectrophotometer, laminar flow hood, incubator with
  illumination, centrifuge, autoclave, etc.

#### A Glimpse of Activities During the Year

#### **National Science Day:**

Science Day commemorates the discovery of the Raman Effect by the renowned Indian physicist, Sir Chandrashekhara Venkata Raman, who was awarded the Nobel Prize in Physics for this significant contribution. To mark the occasion, a speech competition was held on 28<sup>th</sup> February, 2024, on the recent trends in science and technology. Following this, an expert lecture by Prof. Kehar Singh took place, attended by faculty members and students.

#### **Mathemactive Society:**

NCU Mathemactive Society of Department of Applied Sciences organised an aptitude-based quiz "Cup Quest" under Club Fiesta on 10<sup>th</sup> April, 2024. The event was orchestrated to assess participants aptitude and logical reasoning skills in an engaging and enjoyable manner. It featured a variety of challenges centred around mathematical reasoning and aptitude questions designed to gauge participants' IQ formation and enhance their proficiency in logistical and statistical reasoning, which are valuable skills for their future academic pursuits.

#### **Holistic Healing:**

The event was a collaborative effort between the Yoga Club, Optica Student Chapter, and Prayaas NCU, aimed at exploring the profound connection between yoga and mental health. The event was conducted on 18th April, 2024, at NCU. Ms. Priyanka Bhalla delivered a thought-provoking session, delving into the myriad benefits of integrating yoga into daily life to foster mental wellness. Following the session, the attendees actively participated in an engaging quiz, designed to test their understanding of yoga principles and their impact on mental health.

#### Happy Hour: Musical Chair:

The Puzzle Club, NCU, organised an exciting and enjoyable event, "Happy Hour: Musical Chair," on 25<sup>th</sup> January, 2024. The event brought back the fun of the classic childhood game, "Musical Chair," creating memorable moments for everyone involved. Numerous students took part, with Marram Farooq emerging as the winner. The event was lively and engaging, and participants had a wonderful time.

#### NCU's OPTICA STUDENT CHAPTER

Ms. Poonam Yadav, a research scholar represented NCU at the prestigious Optica Innovation School, Washington (July 22-27, 2024). Selected from amongst hundreds of applicants, she secured 3<sup>rd</sup> place while collaborating with members from Harvard University and other top institutions.

Two students, Ms. Sneha Singh and Ms. Shefali Khera from The NorthCap University participated in the 'Frontiers in Optics' and Student Leadership (FiO-LS) Conference held in 22<sup>nd</sup> to 26<sup>th</sup> September, 2024, at Denver, the USA. The OPTICA Foundation provided all-expenses (round-trip flight, lodging and meals) during the programme.

Photonics Spectrum 2024: NCU students took an active lead in the 7-days hybrid workshop on optics and photonics, held from 5<sup>th</sup> to 11<sup>th</sup> August, 2024, co-organised by the Optica Student Chapters of NSUT Delhi, NCU, Gurugram, and MAMOC Kerala. With insightful discussions, hands-on sessions, and innovative ideas, they showcased their passion and dedication in the field.

Annual grant of 500USD (INR 41,428) received by Optica Student chapter on 9th February, 2024.

OPTICA Online Lecture Series with Prof. Rick Trebino, School of Physics, Georgia Institute of Technology Atlanta, the USA, on 1st February, 2024 was conducted at NCU.

Ms. Poonam Yadav, a research scholar participated in the prestigious Optica's Career Accelerator Programme 21st to 25th January, 2024 held in Denver, the USA. She gained essential corporate skills for career advancement through a comprehensive learning experience.

#### NCU SCHOOL OF BUSINESS (SOB)

The NCU School of Business is dedicated to empowering its students with essential skills, knowledge and mindset required to thrive in the ever-evolving business world. The programmes are thoughtfully designed to align with industry trends, boasting a cutting-edge curriculum delivered within our state-of-the-art campus. The students benefit from access to advanced technological resources and are guided by a team of esteemed faculty members who bring a wealth of practical industry and academic experience to the table.

The school's core focus lies in fostering the holistic growth of the students. This is achieved by immersing them in real-world projects, imparting training in emerging technologies, and presenting them with insightful case studies. This holistic approach ensures that our graduates emerge as well-prepared industry professionals, ready to embark on their corporate journeys with confidence and competence.

SOB aims to build the capability of students to be industry ready through highly experienced faculty including PhD and industry leaders. SOB's curriculum is curated by industry experts to explore the opportunities in the courses benchmarked with industry trends and future ready curriculum.

#### **Best Practices of SOB**

To support the proposed teaching methodology, the School of Business has established collaborative relations with Industry to explore the opportunities in the following areas:

- · Advisory board includes accomplished industry professionals and academics
- · Courses benchmarked with industry trends
- Future ready curriculum
- · Grooming by Professors of Practice
- · Student mentoring
- · High engagement learning through hands on masterclasses by industry experts
- Industry-mentored projects
- · Industry visits
- Guest lectures
- Masterclass series
- · Holistic development of student
- · Experienced Faculty from IITs & IIMs
- Global partnerships
- · Entrepreneurship exposure

#### A Year of Impact and Excellence

As a part of the induction programme for the first-year students, SOB organised masterclasses from 29<sup>th</sup> July to 23<sup>rd</sup> August by 8 industry experts.

#### Mr. Mahesh Kanchan – Marketing Director at Bacardi (India and Neighbouring countries) Topic: 6 Habits of highly Effective Teams

Mr. Mahesh Kanchan is a renowned marketing leader with over 27 years of experience in marketing and sales. Currently serving as the Marketing Director for India and Neighbouring Countries at Bacardi, he has a strong record of driving significant growth and innovation across Asia. Throughout his career, Mr. Kanchan has utilised his expertise in brand development, strategic marketing, and sales management to achieve impressive results.

Underscoring his passion for advancing marketing practices and driving business growth in competitive markets, in his session, Mr. Kanchan featured dynamic videos and stimulating discussions. He passionately addressed the value of pursuing an MBA, setting ambitious goals, maintaining discipline, and dreaming big. Additionally, he shared motivational Olympic clips to reinforce his messages and inspire the audience.

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Ms. Rashmi Mohanty – Chief Financial Officer at SBI Cards
Topic: The 3 P's of Career Excellence: Performance, Perception, and Potential

A seasoned C-Suite finance professional with over 28 years of experience in the banking, non-banking, and mining & metal sectors, Ms. Rashmi Mohanty is recognised for her expertise in both finance and technology. With a strong foundation in engineering and a distinguished background in management, she is dedicated to leveraging her experience to drive growth and innovation. Ms. Rashmi emphasised the importance of embracing the 3 P's: Performance, Perception, and Potential, encouraging students to meet or exceed expectations in their work. Actively managing how others perceive them and consistently demonstrating growth potential were also key points of discussion. Highlighting the need for adaptability to global trends, she underscored balancing career ambitions with personal passions and hobbies.

## Mr. Adil Nargolwala – Corporate SVP-HR at WNS Global Services Topic: Empowering Future Leaders: Insights on Career, Communication and Competitveness

Mr. Adil is a versatile professional with notable achievements in both the corporate world and sports. He was instrumental in founding and scaling Trinity, a BPO company later acquired by WNS Global Services. Now serving as Senior Vice President at WNS, he leads the Talent Acquisition team. Balancing a thriving professional career with impressive accomplishments in long-distance running and triathlons, Mr. Adil exemplifies excellence in both fields. Specially curated for MBA students, Mr. Adil highlighted the essentials for thriving in today's competitive world, emphasising the power of communication and the importance of building strong relationships. Sharing his invaluable insights into the evolving landscape of career prospects in finance, marketing, logistics, and supply chain, he illuminated the need for adaptability to new technologies and upskilling, especially in AI and automation.





Mr. Deepak Dobriyal – SVP, Global Talent Management at Birlasoft Topic: Preparing for Future Leadership

Mr. Dobriyal, a renowned HR leader with over 28 years of experience, has built a distinguished career in transforming human capital through innovative people strategies. His journey includes collaborations with prominent organisations such as Newgen Software Technologies, IBM, NCR Corporation, and Cognizant Technology Solutions, consistently delivering impactful HR solutions. Deeply committed to fostering positive work environments, he continues to advance the field of HR with his forward-thinking approach.

Packed with actionable advice and inspiration, Mr. Dobriyal discussed compelling examples from KODAK Films and PARC highlighting how failing to recognise and respond to rapid changes can lead to decline, while those who adapt quickly can seize new opportunities. The discussion emphasised the importance of agility in decision-making and a proactive approach to navigate unpredictable market conditions effectively.

## Mr. Rama Shankar Pandey – Former CEO at Tata Green Batteries Topic: The Art of Purposeful Leadership: Shaping Success and Integrity

Mr. Rama Shankar Pandey is a renowned industry leader with over 25 years of experience in turning around businesses in both B2B (OEM/Institutional) and B2C (Aftermarket/Retail) sectors. As a former CEO of Tata Green Batteries, he has a strong record of driving business success and implementing innovative solutions. Throughout his career, Mr. Pandey has utilised his expertise in business strategy, operations management, and leadership to deliver transformative results.

Mr. Pandey began the session with dynamic team-building activities, breaking the ice that encouraged participation and setting the stage for his inspiring talk on responsible leadership. His passion for advancing the automotive industry through various initiatives and mentorship programmes resonated with everyone present. The interactive session was filled with energy and motivation, leaving a lasting impression on all attendees.





## Ms. Bhavna Batra – Executive Director People at S&P Global Topic: Harnessing Cognitive and Emotional Intelligence for Career Success

Ms. Bhavna Batra is a renowned leader in HR and consulting, with over 18 years of experience in global HR, people strategy, and business transformation. She has a proven track record of leading people planning and strategy for the Market Intelligence Division and serving as the Global HR Head for Data organisation at S&P Global. Throughout her career, Ms. Bhavna has leveraged her expertise in talent management, organisational design, and cultural transformation to drive meaningful growth and business impact.

Committed to advancing the field of human resources and organisational development, Ms. Bhavna shared profound insights on navigating the future of work, emphasising the significance of cognitive and emotional intelligence in today's rapidly evolving landscape.

# Mr. Alok B. Lall – COO, Microsoft Corporation (India and South Asia)

Topic: Career Development - Best practices

Mr. Alok B. Lall is a seasoned technology and business leader with over 26 years of experience, including nearly 25 years at Microsoft. As the current COO for Microsoft India and South Asia, he drives long-term growth, builds customer awareness, and enhances sales performance through the company's partner ecosystem. Throughout his career, Mr. Alok has demonstrated his ability to translate customer, partner, and developer feedback into the innovation process, contributing significantly to the organisation's success.

Mr. Lall shared his profound thoughts on the concept of a successful career. Whether discussing lateral moves for skill diversification, specialising in niche areas, embracing entrepreneurial ventures, or prioritising work-life balance, he constantly underscored the need to focus on personal growth, meaningful contributions, and a more fulfilling life.



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Mr. Ashwani Sharma – Chief Merchandising Officer at Metro Cash & Carry Indian Ltd. Topic: Career Development: Best Practices

Mr. Ashwani Kumar Sharma is a renowned leader in sales, marketing, and leadership with over 30 years of experience across diverse industries. Mr. Sharma has utilised his expertise in strategy development and business scaling to deliver impactful solutions in the retail and wholesale space. He is passionate about leadership and innovation and is committed to advancing the retail industry.

Starting from a small village and rising to a prominent position in the corporate world, Mr. Sharma shared his remarkable journey and the lessons he learned along the way. Engaging deeply with our MBA students, he highlighted the value of teamwork and a strong grasp of organisational structures. Emphasising that diversity, integrity, and excellence serve as the core pillars of success, he provided students with a powerful framework for their future careers.



#### SCHOOL OF MANAGEMENT & LIBERAL STUDIES

#### Department of Management & Commerce

Department of Management & Commerce under the aegis of School of Management and Liberal Studies has a decade-long history of producing competent, capable, and dedicated professionals. Since its inception in the year 2009, it has been steadfastly working for the vision and mission of The NorthCap University. The department emphasises on academic excellence, research, innovation, entrepreneurship and developing socially responsible managers. The BBA programme offers specialised courses in Business Analytics, Digital Marketing and Entrepreneurship & Family Business to prepare students for emerging trends in the business world. In addition to BCom (Hons), the department offers specialisation in Financial Markets for BCom students to equip them with targeted expertise in key areas of commerce and finance, apart from covering the regular curriculum, there is strong emphasis on the personality development programmes, student mentoring, live projects, experiential learning through case studies, industry visits, industry academia interaction programmes, subject-focused seminars, guest talks, community service activities, and encouragement for in-house and outside extra-curricular activities to develop students' employability skills and prepare them as professional managers and entrepreneurs.

The department is equipped with advanced infrastructure facilities. The **D3 Lab** in the Department of Management and Commerce is a dynamic learning space focused on fostering innovation, data-driven decision-making, and design thinking among students. Equipped with advanced tools and software, the lab supports hands-on learning in areas such as business analytics, market research, and digital transformation. To promote a holistic learning experience, the department offers best practices such as remedial classes, peer tutoring, industrial visits, research series etc. The department conducts seminars, workshops, and expert talks for academic and professional development.

The Department of Management and Commerce also hosts a variety of student-led clubs that enrich the academic experience by fostering leadership, teamwork, and practical business skills including e-cell, Human Resource Club, Economic Collective. The Department of Management and Commerce is actively engaged in advancing research and innovation across various business disciplines. Faculty have made significant research contributions, publishing in reputed national and international journals. The department has more than 20 research papers in Scopus, Web of Science, ABDC listed journals in the current year and 3 patents to its credit. Recently, our BBA Programme was ranked #1 in the State of Haryana by GHRDC BBA School Survey, 2024.

#### Notable Industry Collaborations in the Year 2024

#### Confederation of Indian Industry (CII)

Young Indians (Yi), an initiative and integral part of the CII signed an MOU with The NorthCap University, Gurugram, on 7<sup>th</sup> March, 2024.

Both parties agreed to collaborate with each other to motivate and provide opportunities to the students to engage in activities and initiatives that both parties conceptualise, create reports regularly on their activities, promote mutual cooperation and expand the basis for friendly and cooperative educational and academic collaborations.

#### International Skill Development Center (ISDC)

ISDC Projects India Pvt. Ltd., trading as ISDC - International Skill Development Corporation, and The NorthCap University, Gurugram, signed an MOU on 21st October, 2024 to develop new courses or update/upgrade the existing courses and further promote and deliver those as the UG/PG programmes of The NorthCap University. Under the collaboration, the department has offered BCom with full integration of ACCA courses from the Academic Session 2024-25.

#### A Glimpse of Activities During the Year

#### **STRIDE 2023**

The STRIDE International Conference 2023, held from 14<sup>th</sup> December, 2023 to 16<sup>th</sup> December, 2023 at The NorthCap University, was a remarkable academic event that fostered intellectual discourse and collaboration. The Inaugural Session was graced by esteemed Guests of Honour, including Dr. Ashutosh Karnatak, Mr. Anil Maheshwari, and Mr. Saurabh Jain, in the presence of Honorable Vice Chancellor Prof. Nupur Prakash and Pro-Chancellor Prof. Prem Vrat.

A highlight of the event was the Editors' Meet, where a panel of distinguished journal editors shared valuable insights on "Contemporary Trends in Research: Perspectives of Editors and Authors." This engaging session captivated the audience, with rich discussions that participants wished could continue.

The conference featured over 150 papers and abstracts presented across 12 tracks, facilitated by session chairs and co-chairs who offered insightful feedback to presenters. Keynote addresses by Dr. Melissa Fisher and Prof. M.N. Ravishankar were highly engaging and kept the audience enthralled.

#### NCU Case Research Centre (NCRC) Workshops

Under the NCU Case Research Center, the School of Management and Liberal Studies organised a series of case workshops in December 2023. The sessions covered contemporary trends in academic writing, case methodology, and resilience in a BANI (Brittle, Anxious, Nonlinear, and Incomprehensible) world. Dr. Payal Kumar led sessions on Academic Writing and Critical Literature Review, followed by Prof. Sona Vikas on Case Writing Techniques. Dr. Ajoy K. Dey presented on Case Methodology. The final workshop led by Dr. Tina Miedtank, focused on developing resilience in a BANI World.



#### **Industrial Visits**

The Department of Management and Commerce has actively organised a series of industrial visits designed to enrich students' academic experience by providing practical insights into the business world. These visits encompassed a diverse range of industries, including manufacturing, finance, retail, and technology, allowing students to observe various operational practices and corporate cultures. Students visited prominent manufacturing unit, Winntus Formwork Pvt. Ltd., where they learned about supply chain management, quality control processes, and production efficiencies. Visits to financial institution, Securities and Exchange Board of India (SEBI) offered insights into the regulatory framework governing the securities market in India. Other visits include Mother Dairy, Parle G and Amul. Furthermore, interactions with management professionals during these visits provided students with valuable networking opportunities and mentorship, enhancing their understanding of industry expectations. Each visit was meticulously planned to include interactive sessions, where students can engage in discussions and ask questions, fostering a deeper understanding of theoretical concepts learned in the classroom. Overall, these industrial visits are integral to the curriculum, bridging the gap between theory and practice and preparing students for successful careers in management and commerce.



#### **Entrepreneurship Bootcamp**

The Department of Management and Commerce organised an Entrepreneurship Bootcamp on 19th April, 2024 in collaboration with ABWCI, CII-Yi Gurugram Chapter and Institution Innovation Cell (IIC) of NCU. This engaging event featured an interactive workshop where experts shared their insights and conducted hands-on sessions with participants. Dr. Satnam Singh, Associate Professor and Chairman, IIC of NCU, Ms. Shailza Taneja, Advisor-Digital Health, Deloitte India and founder of CreativExpression, and Mr. Murali Rajanna, Founder & CEO of GrowthTrack, Info Tech Pvt Ltd. were the key speakers for the session. Covering a range of entrepreneurial aspects such as building a start-up, product development and product life cycle, and social entrepreneurship and its impact, the workshop provided participants with a comprehensive understanding of entrepreneurship and its pivotal role in fostering innovation and economic advancement. Workshop was followed by business idea presentations so as to provide a platform for aspiring entrepreneurs to pitch their innovative business ideas to a panel of judges. The competition aimed to stimulate creativity, entrepreneurship, and critical thinking among participants while offering valuable feedback and recognition for their ideas. Ms. Supriya Agarwal, an alumnus of The NorthCap University was invited as one of the judges for the competition who is the founder of House of Supriya, an Indian fashion house. She was honoured with "An Emerging Entrepreneur" award in recognition of her invaluable contribution in the domain of entrepreneurship.

#### DEPARTMENT OF PSYCHOLOGY

The Department of Psychology at The NorthCap University was established under the School of Management and Liberal Studies (SOM & LS) in 2019 with the vision of nurturing a deep understanding of human behaviours, thought processes, and emotions. Since its inception, the department has been dedicated to providing high-quality education and conducting cutting-edge research in the field of psychology. The Department of Psychology offers rigorous academic programmes that equip students with a comprehensive understanding of psychological theories, research methods and practical applications. The department aims to foster professional competence, intellectual maturity, personal and professional growth of the students along with nurturing ethical standards of practice. To achieve the above goals, a mix of teaching techniques and pedagogical practices is used by the inhouse experts. This involves both classroom lectures and experiential learning through fieldwork. The pedagogy is inclusive of lab practicals, simulations, case methods, summer internships, observation days, group discussions, and presentations. The department is committed to:

- · Provide robust education to students
- · Develop knowledge of core and contemporary disciplines within the field of psychology
- · Provide experiential and applied knowledge to students through a mix of teaching pedagogy
- · Facilitate development of skills in terms of future employability
- · Create professionals who could contribute to the development of the larger society

The Department of Psychology at The NorthCap University offers a comprehensive range of programmes designed to equip students with a deep understanding of psychological principles and research. The **BA** (Hons) Psychology programme provides foundational knowledge in areas such as cognitive psychology, social psychology, and developmental psychology. It also offers hands-on experience through internships, laboratory work, and research projects. This degree, in compliance with NEP 2020, allows for flexible entry and exit options, preparing students for careers in diverse fields like mental health, education, and human resources or further studies in psychology.

For postgraduate students, the department offers MA programmes in Clinical Psychology, Applied Psychology, and Organisational Behaviour, providing advanced training in various psychological domains, with practical exposure through clinical practicums, internships, and thesis projects. These programmes also comply with NEP 2020, giving graduates the skills and ethical understanding required for impactful roles in mental health services, research, and education. Lastly, the PhD in Psychology programme offers an immersive research-oriented experience, preparing scholars to make significant contributions to society by addressing complex psychological issues and improving mental health outcomes through evidence-based practices.

#### Highlights of the Year

- · Formation of Board of Studies for the Department of Psychology.
- · Revamping of BA(Hons) and MA curriculum.
- · New Psychology Lab with psychometric tools and apparatus.
- · Designing of behavioural screening tools
- Launching of Master's programme with three specialisations: Clinical, Organisational and Applied.
- Formation of the Student Service Centre for the university taking care of the psychological and emotional needs of the students.
- · Value-added Certification course: Counselling Skills.

#### **Facilities and Resources**

The department has a fully equipped state of the art psychological lab having psychometric tools and apparatus along with a counselling centre for holistic learning of the students at both undergraduate and postgraduate level. The lab is equipped with 28 Psychometric Tests/Tools and 9 apparatus to ensure a smooth teaching learning process in the department. There are various tests and tools measuring anxiety, depression and stress, emotional maturity, adjustment, family environment, projective techniques. Apparatus like Muller lyre, memory drum, reaction time, tachistoscope, weight discrimination and Koh's block design are available in the laboratory.

#### Best Practices at Department of Psychology

- NEP 2020 compliance Revised course curricula approved in academic council complying to all requirements of NEP 2020.
   The component of Indian knowledge systems also complied with as per NEP.
- Research orientation Research being an important part of the academic journey of the students is taught through minor
  and major projects at the undergraduate level and dissertation work at the postgraduate level. Along with this, students
  also participate in research seminars and workshops on a regular basis.
- Experiential learning Summer internships, field visits and observation days are ways through which students are exposed to experiential learning getting a chance to apply the conceptual knowledge to the real world.
- Peer tutoring Another best practice where good/best performers are identified in a class and they tutor their peers helping each other in the process of learning.
- Parent-Teacher Meetings Regular parent-teacher meetings help to establish a better connection between students and faculties. Involvement and support from parents help in ensuring positive behavioural/learning changes in the students.

#### Manovriti - The Mental Health and Community Services Club

Club Manovriti reaches out to underprivileged communities to support their mental wellbeing. The Club aims to spread the knowledge of mental illness(es) among the various underprivileged communities and connect them with various NGOs providing counseling services to them. The club organised events like a webinar on 'Suicide Prevention in the Age of Corona' in collaboration with Rotaract Club and celebrated the Mental Health Week by organising the event- 'Living in the Pandemic'.

#### A Glimpse of Activities During the Year

# Anti-Ragging Slogan Writing Competition

Manovriti - The Community Service and Mental Health Club of NCU organised a successful Slogan Writing Competition on "Anti-Ragging" on 12th August, 2024 to promote campus safety and inclusivity. With enthusiastic participation from 43 students across various departments, the event showcased strong, creative slogans emphasising mutual respect and community. The competition not only allowed students to express their views creatively but also reinforced the university's commitment to combating ragging and fostering a safer campus environment.



#### MoU with Vidyasagar Institute of Mental Health and Neuro Allied Sciences (VIMHANS)

NCU signed an MoU with VIMHANS to provide enhanced internship opportunities for Clinical Psychology students. Announced on World Mental Health Day, this collaboration will offer both undergraduate and postgraduate students exposure to Psychiatry OPD, Adult and Child Psychology, Rehabilitation, Psychiatry IPD, Nutrition and Dietetics, and various therapeutic interventions. The initiative also aims to involve students in psychoeducation with patients and caregivers, further supporting their practical learning experience.

#### Let's Talk Campaign - Suicide Prevention Day

The Let's Talk Campaign was organised by the District Mental Health Programme, Government of Haryana and Student Service Center, Student Activities and Leadership Cell (SAL), Manovriti Club as part of World Suicide Prevention Week, aiming to raise awareness and educate students about suicide prevention. A total of 110 students from different courses, along with psychology faculty, attended the event. The campaign focused on understanding suicide, recognising its signs and symptoms, and discussing ways to help those at risk.



#### Mythbusters Challenges - Fact or Fiction Fiesta

As part of its annual Club Fiesta The Hrdiya Club organised the event, which encouraged participants to challenge prevalent myths across various career fields through critical thinking and analysis. Participants had to determine whether intriguing statements were myths or facts, sparking lively discussions and active involvement. The event successfully combined dynamic debates, interactive challenges, and valuable insights, sharpening attendees' critical thinking skills while deepening their understanding of diverse topics. It exemplified the Hrdiya Club's dedication to fostering curiosity and intellectual growth, leaving a lasting impact on participants.

#### Organ Donation - Awareness Session

An awareness session on the importance and benefits of 'Organ Donation' at NCU was held in collaboration with the MOHAN Foundation, on 1st May, 2024. This initiative aimed at educating the students about the critical role organ donation plays in saving lives and the impact it has on society. The primary objective of this session was to increase awareness about organ donation and debunk common myths and misconceptions. It provided the students with reliable information on how to become organ donors, the procedures involved, and how their contributions can make a significant difference.

#### MoU with Moolchand Medicity Hospital

NCU signed an agreement with the hospital which unlocked hands-on internship opportunities for our graduate and postgraduate Clinical Psychology students. In a world where mental health matters more than ever, this collaboration empowers our students of the Department of Psychology with real-world skills and insights to make a lasting impact. It is a testament to NCU's commitment to shaping future leaders in mental health who will drive positive change and improve accessibility to essential services.

#### CENTRE FOR LANGUAGE LEARNING (CLL)

The Centre for Language Learning (CLL), under the School of Management & Liberal Studies, offers a diverse and enriching intellectual experience, encouraging students to explore ideas beyond traditional courses.

CLL currently offers three programmes: BA (Hons) English, MA English, and PhD English, designed to develop an understanding of English literature and promote skill-based education. The syllabi are tailored to enhance the learning experience. CLL also offers courses on effective communication, a value-based course 'Human Values and Professional Ethics,' and compulsory foreign languages, viz., German, Spanish, and French, to all NCU students. Faculty members motivate students to engage in challenging academic pursuits, driven by a commitment to excellence.

#### **Facilities and Resources**

CLL has two state-of-the-art Language Laboratories that enhance students' communication skills through technology and interactive methodologies. Equipped with advanced audio-visual tools, computers, and language learning software, these labs support structured development of linguistic skills, focusing on spoken language proficiency and overcoming stage fear. Immediate feedback through digital platforms helps students identify areas for improvement. By integrating technology with interactive learning, the labs foster effective communication, cultural understanding, and global awareness.

#### Cascade - The Literary Club at Centre For Language Learning

Established by CLL, Cascade celebrates the love of language and provides a platform for students to express their thoughts openly. More than a reading and writing group, Cascade connects literature enthusiasts, fostering interactions among aspiring and established writers. The club's activities and its commitment to exchanging ideas, expertise, and literary works enrich the experience for all its members.

#### A Glimpse of Activities During the Year

#### Lit Week 2024

In February, Cascade-led Lit Week began with an interactive quiz that drew acclaim from students across disciplines. The "Novel Nest Artistry" Digital Poster Making Competition showcased participants designing book covers inspired by literary works. The vibrant "Art Boulevard" event featured attendees sharing their favourite songs, followed by a spirited debate on "Page-turners Vs Blockbusters." The week continued with "Ink-spiration Station," highlighting participants' quotes and musings. Lit Week concluded with a screening of Maleficent, offering a reflective finale to the celebration.



#### Series of Workshops on Communication Skills for Technical Staff

Centre for Language Learning organised a series of Workshops on Communication Skills for the Technical Staff, held on 6<sup>th</sup> April, 2024, 20<sup>th</sup> April, 2024, and 4<sup>th</sup> May, 2024. The workshops were conducted to enhance the communication skills of technical staff and foster a more effective and proficient workplace communication environment. Focus was on improving verbal communication, written communication, and interpersonal skills, thus, empowering our technical team to communicate more effectively with colleagues and students.

#### Expert Lecture on Postcolonial Literature and Theory

Centre for Language Learning organised an expert lecture on the praxis of Postcolonial Literature and Theory, which was delivered by Prof. Harish Narang (Emeritus Professor, JNU) on 9<sup>th</sup> April, 2024. Prof. Narang introduced the praxis of postcoloniality to the students and sparked an engaging interest in them to pursue this field of literature. The lecture was then followed by a round of questions and answers, which also clarified many doubts of students aiming to enter this dynamic world of the coloniser, the colonised, and the contemporary world.

#### Author Talk with Mr. Akash Verma

The Centre for Language Learning organised "Books & Beyond: A Conversation on the Art of Writing" with author Akash Verma on 26<sup>th</sup> April, 2024. The event was organised with the intention to help students gain insights about the writing process and the feasibility of taking up writing as a career. During the talk, Mr. Akash Verma answered several important questions relating to his own journey as a writer and his creative process. He gave many suggestions to budding writers in relation to the art of writing. The session proved to be an immensely engaging one.



#### Soft Skills Communication and Language Enhancement (SCALE)

The university has implemented a comprehensive soft skills and personality development framework known as Soft Skills Communication and Language Enhancement (SCALE). This framework is designed to provide invaluable support to all students in their pursuit of successful placements, personal growth, and achievement in their professional careers.

Within the framework, students receive specialised training from master trainers and world-class instructors, covering essential aspects of personality development. These aspects encompass language skills enhancement, grooming and professional etiquette, confidence-building, presentation and public speaking skills, leadership and team-building, life skills, and more. The framework is structured to ensure multiple levels of training in a systematic and progressive manner, commencing from the time students enter the university and continuing until they face placement interviews.

The key activities under this framework include:

- · Introductory/special/advanced sessions by CPAA and industry experts
- · Communication courses by CLL faculty members
- · Value-added courses by master trainers

#### SCHOOL OF LAW

The School of Law (SOL) at The NorthCap University is one of the premier law schools in Delhi and NCR. The school offers three programmes: the five-year Integrated BBA-LLB (Hons) at the undergraduate level, a one-year LLM with specialisation in Human Rights, Corporate Law, and Intellectual Property Rights at the postgraduate level, a three-year LLB, and a full-time/part-time PhD programme at the doctoral level to pursue research in contemporary legal areas such as environmental laws, IPR, civil laws, criminal laws, corporate laws, labour laws, constitutional laws, etc.

The vision of SOL is to promote interdisciplinary legal education, innovation, and quality research of social relevance, conforming to the highest contemporary standards. With a commitment to nation-building through solid legal and ethical values, the school aims to advance political, social, and economic justice, and to emerge as a preferred destination for students, faculty, employers, and collaborators. Supported by a well-equipped library alongside the university's central library, students and researchers have access to a range of online research portals, including SCC Online, Manupatra, and West Law. The main library provides ample dedicated space for research scholars, creating a conducive environment for scholarly work. The faculty, representing diverse academic backgrounds, includes esteemed graduates from prestigious institutions such as National Law Universities (NLUs), central universities, and prominent state universities.

#### **Research Centres at SOL**

SOL houses two research centres: the Centre for Intellectual Property Rights Advocacy, Research, and Training (CIPRART), which has filed approximately 55 patents this year, and the Centre for Studies in Environmental Law (CSEL), dedicated to specialised research in environmental laws. Additionally, the Centre for Law and Technology hosts an annual international conference, drawing global experts to discuss key issues at the intersection of law and emerging technologies. The Centre for Postgraduate Legal Studies (CPGLS) oversees research initiatives and publishes the peer-reviewed NCU Law Review (ISSN 2581-7124). The School of Law was honoured by the Global Human Resource Development Centre (GHRDC) for Educational Excellence in Law Education in 2024.

#### Clubs, Societies, and Achievements

The school has three active clubs—Rotaract, Constitutional Law, and Pro Bono (established under the Ministry of Justice)—along with a Legal Aid Society. This year, these clubs and societies have focused on enhancing access to justice and legal awareness within underserved communities, engaging in community service, leadership development, and various social initiatives. These efforts empower students to create a meaningful social impact through charitable and outreach programmes.

#### A glimpse of activities during the year

#### III Edition NCU Intra Law School Moot Court Competition

Organised in February, the competition allowed law students to enhance their advocacy skills, combining legal theory with practice through complex courtroom scenarios. This year's moot problem centred on the use of AI in criminal profiling and its impact on the right to privacy, challenging participants to address legal issues using statutes and precedents. The winning team from the third year included Mohammad Azhad Hassa, Saima Hassan, and Gaurav Yadav, while the runner-up team from the second year consisted of Saundarya Singh, Dhruvansh Rai, and Keshav Vats.

#### Collaborative Training Programme on the New Criminal Laws of 2023 for Haryana Police Personnel

Organised by the SOL in April, this training programme comprised three sessions designed to update participants on recent legislative changes. Session I, led by Prof. Archana Sarma, focused on the Bharatiya Nayaya Sanhita (BNS), 2023, emphasising its goals to modernise the criminal justice system. Session II, conducted by Dr. Jasvir Singh, IPS, covered the Bharatiya Nagarik Suraksha Sanhita (BNSS), 2023, with an emphasis on E-FIR filing and evidence chain custody. Session III featured an interactive discussion led by students, exploring the interlinkages between BNSS and the Bharatiya Sakshaya Adhinayam, 2023, and their implications for law enforcement.



## Capacity Building Programme titled "Rise and Lead: Young Women Pioneering Technology, Business, and Public Life"

The National Commission for Women (NCW) partnered with the School of Law to host the event aimed at empowering young women and enhancing their leadership potential. The event attracted around 200 female students interested in technology, public life, and corporate decision-making. The programme featured key presentations by Ms. Shalini, Under Secretary at NCW, on women's empowerment initiatives. Esteemed speakers included Ms. Charu Bali, IPS, on women in public life; Dr. Kavita Khanna on Al-driven tools; and Advocate Shweta Shroff Chopra on women in business. The event concluded with an interactive session and networking lunch to promote collaboration and idea exchange.

#### IX Edition NCU National Moot Court Competition

Held in April, the competition showcased exceptional legal expertise and academic rigor. Inaugurated by Hon'ble Mr. Justice Anish Dayal from the Delhi High Court, the event emphasised the importance of holistic development for aspiring lawyers and real-world experiences. The theme centered on Environmental Law & Sustainable Construction Practices, attracting 16 teams nationwide. The first day featured preliminary and quarter-final rounds, praised for their enthusiasm and intensity, while the second day culminated in the finals, where Manav Rachna University emerged as the champion. The event highlighted intricate legal arguments and persuasive advocacy. Individual accolades included the Best Female and Male Mooters awards, won by students from Symbiosis Law School Pune and UPES Dehradun, respectively. Manav Rachna University also received the Best Memorial award for their exemplary written submissions, underscoring the event's scholarly rigor.



#### Training Session on The New Criminal Law

In July, SOL organised a training session to educate its faculty and staff about the new criminal laws. Mr. Himangshu Rathee, presented an in-depth overview of the Bharatiya Nyaya Sanhita, 2023, discussing its key provisions and implications for the legal landscape and justice administration. Prof. (Dr.) Archana Sarma, Head of the School of Law, provided insights into the Bharatiya Nagrik Suraksha Sanhita, 2023, and the Bharatiya Sakshya Adhiniyam, 2023, emphasising their critical features and potential enforcement challenges. The session incorporated interactive elements, including a quiz to reinforce understanding and group discussions to facilitate collaborative dialogue on the new laws. This initiative significantly enhanced the faculty and staff's knowledge and skills to navigate the evolving criminal law framework, reinforcing the School of Law's commitment to providing high-quality legal education and fostering an engaging learning environment.



#### CENTRE FOR DISTANCE AND ONLINE EDUCATION (CDOE)

The CDOE at NCU, Gurgaon, got its approval from UGC DEB to offer online programmes in BBA and BCom in August 2023 with enrolments beginning in January 2024. As the only state private university in Haryana with UGC-DEB approval, NCU ensures the highest standards of online learning. The courses are meticulously designed and made highly interactive by CDOE-NCU's experienced faculty. This ensures that students receive quality education that balances theoretical knowledge with practical skills. The CDOE uses modern technologies to deliver a flexible learning experience, ideal for both students and working professionals. With a strong focus on student engagement, comprehensive digital resources, and industry-relevant content, CDOE-NCU provides an enriching academic environment. The programmes are crafted to empower learners with the tools needed for career success in today's globalised economy. Many students, including working professionals, have already enrolled in these online programmes and have expressed satisfaction with both the course curriculum and the delivery pattern.

#### **Faculty Achievements and Honors**



"100 Great IITians: Dedicated to the Service of the Nation," Prof. Prem Vrat, Pro-Chancellor; Professor of Eminence and Chief Mentor, has been recognised in the prestigious publication "100 Great IITians: Dedicated to the Service of the Nation" edited by Commander V.K. Jaitly. His profile is aptly titled "An Academician Par Excellence," in the publication, and stands as a beacon of inspiration, chronicling his lifelong dedication to academic excellence and unwavering commitment to India's growth. This inclusion is a true testament to the exceptional calibre of the countless IITians who have chosen to serve our nation. We are incredibly fortunate to have Prof. Prem Vrat as a guiding light at NCU.

Prof. Nupur Prakash: Sherpa Kulpati 2023: In December 2023, the Editorial Board of ReTHINK INDIA Institute, a platform promoted by AIIMS and IIT alumni, honoured Prof. Nupur Prakash, Vice Chancellor as a Sherpa Kulpati 2023. The recognition highlights her profound contributions to shaping a forward-thinking higher education landscape that champions a Divya & Bhavya Bharat. Her leadership reflects a blend of academic insight and administrative expertise, fostering hybrid learning, internationalisation, interdisciplinarity, and lifelong learning. This honour reaffirms her dedication to integrity, excellence, and innovation in academia.



**National Academic Achievement Award: Prof. Nupur Prakash**, Vice Chancellor was honoured with the National Academic Achievement Award, recognising her dedication and impactful contributions as an educational administrator in the National Capital Region by the Indian Institute of Ecology and Environment (IIEE), in collaboration with Dr. Keshav Baliram Hedgewar Vishwa Hindu Vidyapeeth at the Spiritual and Value Education Summit held on 13<sup>th</sup> March, 2024. This award underscores her commitment to promoting excellence and values in education.

**Dr. Arjun Singh** presented his research work and was awarded the best oral presentation award in the National Conference On Multifunctional Advanced Materials (MAM-2024), Amity University, Haryana.

**Dr. Lokesh Choudhary**, with co-authors Dr. Mitun Chakraborty and Mr. Dhruv Kumar, received the Best Paper Award on 7<sup>th</sup> September, 2024, at the TIMES-2024 International Conference at NCU, Gurugram. Their award-winning research paper, "Sustainable Industrial Waste Utilisation: Performance Evaluation of Bacteria-Incorporated Ternary Geopolymer Bio-Mortar," highlights innovative sustainable construction practices for enhanced durability and performance in green construction.

**Dr. Akanksha Mathur** received an Appreciation Award on 10<sup>th</sup> May, 2024, for her outstanding leadership as the Chapter Faculty Advisor of the ISHRAE NCU Student Chapter (2023-2024), recognising her pivotal role in advancing the chapter's success and inspiring student engagement.

**Dr. Samiksha Jain** was honoured to participate as a resource person in a prestigious two-day International Conference at Thanthai Periyar Government Arts and Science College (Tamil Nadu), sponsored by the Indian Council of Social Science Research (ICSSR) on 28<sup>th</sup> to 29<sup>th</sup> February, 2024. The event focused on critical social issues. Dr. Jain delivered an impactful lecture on "Sustainable Women Empowerment: Paving the Pathway to Equality," addressing key strategies for empowering women in sustainable and meaningful ways.

**Dr. Akshat Aditya Rao** was awarded Topper Elite Gold Certificate from NPTEL, IIT Madras for course Business Development: Start to Scale in May 2024

**Dr. Srishti** was honoured as a distinguished guest and panelist at the IEEE Computer Society India Symposium 2024 held at SRM University Chennai from 29<sup>th</sup> to 31<sup>st</sup> July, 2024. Dr. Srishti discussed career options in computer science, opportunities in the tech space, and the role of the IEEE Computer Society in supporting students and young professionals.

**Dr. Neha Kumar** was awarded Third Prize for presenting her paper titled "A Study to Assess the Impact of Digital Financial Literacy Stimuli influence on Fintech Services Adoption" presented at the STRIDE International Conference 2023, organised by the School of Management & Liberal Studies, The NorthCap University.

**Dr. Sujata** was honoured with the "Outstanding Woman Researcher in Machine Learning" award by VIWA2024 (Venus International Foundation) for her significant contributions and achievements in the field of engineering.

#### Annual Report 2024 \_\_\_\_\_

**Prof. Manjula Batra** was conferred with prestigious awards, namely, Diversity and Empowerment Laureate, commemorating her exemplary efforts in gender equality, and Lifetime Teaching Achievement Award, by The Haryana State Commission of Women and All India Law Teachers Congress, in the year 2023-2024.





**Prof. Hukum Singh**, Head, Department of Applied Sciences for getting featured for the third time in row amongst "World's Top 2% Scientists" released by the Stanford University/Elsevier, USA, for the year 2024.

**Dr. Tamalika Chaira** had a remarkable achievement of being named among the Top 2% Scientists in the World by Stanford University in collaboration with Elsevier, USA. This prestigious honor acknowledges Dr. Chaira's significant contributions to research in image processing and artificial intelligence.





**Dr. Vaishali Sahu** has been conferred with Award of Honour for Best Teacher by National EduTrust of India for integrating sustainability at the campus and instilling environmental consciousness in the students. It was presented on the occasion of World Environment Day 2024 (5<sup>th</sup> June, 2024).

**Dr. Priyanka Banerji** was awarded Third Prize for presenting the paper titled "An Examination of the Effects of ESG Principles on the Firm Performance of Indian Stock Exchange-listed Pharmaceutical Companies" presented at the STRIDE International Conference 2023, organised by the School of Management & Liberal Studies, The NorthCap University.

**Dr. Vandana Khanna** received the Academia Excellence Award 2024-25 from The Institution of Engineers (India) Faridabad Local Centre on Engineers Day, 15<sup>th</sup> September, 2024, recognising her significant contributions to engineering, academia, and nation-building. The award ceremony was graced by esteemed industry and academic leaders.

# Centre of Professional Attachment and Alumni Engagement (CPAA)

The Centre of Professional Attachment and Alumni Engagement (CPAA) fosters continuous dialogue with industry to enhance professional growth and create better job opportunities for students. CPAA is dedicated to developing the potential of each student, guiding them in career planning, and serving as a vital link between education and employment. From induction to placement, CPAA supports students' holistic development, ensuring they are fully prepared for a seamless transition from campus to corporate life.

Through strengthened industry internships and comprehensive career counseling, CPAA boosts employability by identifying and addressing skill gaps, broadening industry connections, and securing higher-quality job placements. By instilling the right skills and attitudes, CPAA empowers students to be more effective, efficient, and productive in the organisations they join.

#### **Campus Placements 2024**

The year 2024 has been a landmark for campus placements at The NorthCap University, witnessing a significant surge in student participation and job offers across all academic disciplines. Our placement season was marked by active engagement from leading industry recruiters incuding:

Bajaj Allianz Life	Cognizant	Capgemini
Bosch	Gemini Solutions	Protiviti
Care Health Insurance	PwC	WNS
Cars24	NTT Data Services	KPMG
Honda Two Wheelers	Walmart	JLL Business Services
Hughes Systique	Suzuki Motorcycle	Airtel
JSW Group	Fidelity	Thales
Schneider Electric	Publicis Sapient	Deloitte
Wipro	EY	Accenture
Trilegal	Volkswagen	Forvis Mazars
Lenskart	Lakshmikumaran Sasidharan	TCS

With an impressive placement success rate of around 80%, our students have excelled in securing positions across a wide array of sectors, including technology, finance, consulting, and engineering. This placement season, numerous students have secured prestigious, high-impact roles with leading global companies, highlighting the increasing recognition of our graduates on the international stage and reinforcing India's growing presence in the global talent pool.



#### Annual Report 2024 \_\_\_

A testament to this success is the number of students who have secured packages above INR 13.2 lakhs per annum from AHAD, INR 12 lakhs per annum from Schneider Electric reflecting not only the caliber of our students but also the increasing industry demand for the skills and knowledge imparted at The NorthCap University. These achievements showcase the strength of our academic programmes, the dedication of our faculty, and the holistic development that empowers our students to thrive in competitive, future-ready workplaces.

#### Key Highlights of the Year

This year, NCU has made remarkable progress in both academic and infrastructural development, further solidifying its position as a leading institution. Our collaboration with global industry leaders like Volkswagen has expanded opportunities for student placements and advanced skill development, while the signing of MOUs with VIMHANS and Moolchand Medcity marks a significant step in offering enhanced mental health and psychology-related programmes. Similar MoU is on the anvil with Lady Hardinge Medical College.



Additionally, the successful organisation of the HR Conclave 2024, which brought together top industry professionals and academicians, showcased our commitment to strengthening industry-academia partnerships. This event not only facilitated knowledge exchange but also highlighted The NorthCap University's role as a catalyst for future-ready talent.

One of our BTech Computer Science students, Shivansh Khari was selected by AHAD for a high-impact role in UAE becoming one of the youngest and most promising professionals in their team. Their journey from academic excellence to securing a prestigious position showcases the university's emphasis on cutting-edge skill development and real-world readiness.

Another key development is the launch of Superset, a new placement portal, that has significantly streamlined the placement process for both students and employers. This platform not only facilitates easier access to job opportunities but also ensures a smoother, more efficient recruitment experience, benefiting all the stakeholders involved.

#### **Alumni Engagement Activities**

Alumni engagement has been a cornerstone of our efforts this year, reflecting The NorthCap University's deep commitment to fostering lifelong connections with its graduates. Through the Centre of Professional Attachment & Alumni Engagement (CPAA), we launched a series of impactful initiatives aimed at both expanding and enriching our alumni network. One of the standout programmes was the Alumni Masterclass Series, where distinguished industry veterans and successful alumni returned to campus to share their valuable insights, experiences, and expertise with current students, bridging the gap between academic learning and real-world application.



Throughout the past year, alumni actively participated in engagement activities, including offering a pre-placement guidance to support students in their career preparations. Additionally, skill development programmes and sessions were conducted in School of Engineering & Technology, and School of Law to enhance student learning and professional growth.

Alumni Homecoming - On 17<sup>th</sup> February, 2024, our distinguished alumni reunited for a memorable homecoming event, celebrating past achievements and fostering new connections. With around 170 alumni in attendance, the homecoming event highlighted their ongoing successes and contributions, reinforcing the university's rich legacy.

These efforts have fostered deeper, more meaningful connections between our alumni and the university, creating a dynamic support system that enhances learning, professional development, and opportunities for current students. This ongoing engagement has not only strengthened our alumni ties but also reinforced the value of The NorthCap University's collaborative and forward-thinking ecosystem.

# Community Services at The NorthCap University

**DAAN UTSAV CAMPAIGN 2023** - The Enactus Society at NCU, in partnership with NGO BHUMI, organised the campaign to engage students in social responsibility. Students donated sanitary items, supporting underprivileged communities and raising awareness about health and hygiene in underserved areas.



**BOOK DONATION DRIVE** - Club Aashayen and Club Yukti organised a Book Donation Drive in February-March 2024, collecting storybooks, novels, and other works for those in need. The drive successfully gathered a large collection, highlighting the community's generosity and commitment to social responsibility.

FIRST AID TRAINING PROGRAMME - The Youth Red Cross Club at NCU organised a First Aid Training session in January. Led by Dr. Romi Singh, Consultant in Critical Care Medicine at Manipal Hospitals, the session equipped participants with essential practical skills for managing injuries and illnesses effectively, enhancing their emergency preparedness.

**DONATION DRIVE** - The Awakening Club of the Department of Management and Commerce at NCU, in collaboration with Delhi-based NGO Humari Pahchan, organised a three-day donation drive in February. Students donated items including food, dignity kits, clothing, educational kits, and electronics. Focused on social issues like education, menstrual health, unemployment, and hunger, the drive highlighted the sentiment of societal welfare among students.

PLANET PAWS 2.0 - Club Innovate to Elevate, in collaboration with Prayaas NCU, organised a September donation drive for animal welfare under the theme "Donate with Purpose, Give with Love." Participants donated food and toys for animals, packed in eco-friendly jute or paper bags, promoting both animal support and sustainability.



**SESSION ON CPR AND BASIC LIFE SAVING SKILLS** - The April session was organised by the Awakening Club and Exuberance Club, in association with Abhyeti Foundation and Fortis Memorial Research Institute, Gurugram. Students received hands-on CPR training from doctors, equipping them with essential skills to respond confidently and effectively during medical emergencies.

**BEYOND LIFE: The Gift of Organ Donation Awareness Initiative:** In the month of September, the Youth Red Cross Club of NCU organised the initiative to raise awareness about the life-saving impact of organ donation. Dr. Muneet Kaur Sahi of Mohan Foundation, Delhi, addressed students, dispelling myths and encouraging them to register as donors, fostering civic responsibility.

**SWASTHYA SANGRAM** - The Unnat Bharat Abhiyan at NCU organised "Swasthya Sangram: The Quest for Global Wellness" on World Health Day, featuring three short films on health, hygiene, and mental health. Participants took part in an interactive quiz on global wellness, sparking discussions and raising awareness.

# **Annual Report 2024**

MENSTRUAL HYGIENE AND AWARENESS DRIVE - The Rotaract Club of NCU organised the drive with student organisations, health professionals, and NGOs to promote menstrual hygiene and dispel taboos. The event educated participants about menstrual health, fostering inclusivity and well-being while emphasising the importance of gender equality.



VIKSIT BHARAT KA MANTRA, BHARAT HO NASHE SE SWATANTRA - A pledge-taking ceremony to raise awareness about the harmful effects of substance abuse was held in April. Led by Club Yukti and Club Aashayen, the participants pledged to stay drug-free and spread awareness, reaffirming their commitment to a healthier, drug-free society.

ECOCRAFT: PLANTING HOPE FOR TOMORROW - In April, Club Yukti organised the event where participants designed bottles and planted saplings, pledging to protect nature by leaving their thumbprints on a tree cutout. The saplings were then gifted to faculty members as a token of appreciation for their dedication.

**EK PED MAA KE NAAM** - Inspired by the Honourable Prime Minister's World Environment Day campaign, NSS volunteers at NCU planted saplings, dedicating one to their mothers. This initiative celebrated environmental conservation and honoured mothers' contributions to our lives.



"EK BHARAT CINEMA SHOWCASE" BY EK BHARAT SHRESTHA BHARAT CLUB NCU celebrated the collaboration of Haryana and Telangana, two vibrant states, united under the EBSB Club, through the "Ek Bharat Cinema Showcase." Students explored Telangana's rich culture through a film highlighting the Bathukamma festival, valleys, heritage, landmarks, and traditions, including Persian influence, bronze castings, minarets, and more.

**HARMONY HOUR** - A yoga session, led by experienced instructors, was conducted for the NCU community to promote holistic well-being. Participants explored various asanas, breathing exercises, and meditation, helping them manage stress, improve flexibility, and enhance overall health.

**ENACTUS INDIA NATIONAL EXPOSITION 2024** - The NCU Enactus team participated in the 'Sakhi Sutra: Crafting Empowerment' project, creating a dedicated platform for crochet products, ranging from custom toys to clothing. The project empowers women artisans by providing fair wages and aligning with the UN SDGs, fostering a sustainable and inclusive community.

**NATIONAL SOCIAL SUMMIT** - NSS NCU's team attended the National Social Summit at IIT Roorkee in February and performed a Nukkad Natak on sustainability and empowerment. The team participated in informative webinars, sports events, and meaningful discussions, promoting NSS NCU's ideals. One of the NCU representatives, Sareesha Chawla won first place in the Policy Case Competition.

VILLAGE VISITS - The Unnat Bharat Abhiyan (UBA) Club at NCU organised visits to its adopted villages—Gwal Pahari, Sadhrana, and Aklimpur—for over 500 first-year students in October. The programme included Nukkad Natak performances on Nasha Mukti, cleanliness and plantation drives, digital and legal literacy sessions, and surveys. A highlight was the "Ek Ped Maa Ke Naam" tree-planting initiative. The experience gave students hands-on exposure to rural life and allowed them to contribute to the community, promoting sustainable living and empowering them as agents of change for a greener, cleaner future.



**VOTER AWARENESS DRIVES** - Club Yukti conducted voter awareness drives in September to encourage student participation in the Haryana Legislative Assembly elections. The event educated participants on the electoral process and voter registration, with students pledging to vote by signing the "Wall of Democracy."

MOU WITH NAVJYOTI INDIA FOUNDATION AND NGO YATAN - NCU signed an MoU with Navjyoti India Foundation and NGO Yatan, focusing on rural development, social welfare, and upskilling. This collaboration aims to support child education, digital literacy, rural transformation, and initiatives under Unnat Bharat Abhiyan, enhancing quality of life in rural communities.

**PROJECT MUSKAAN 4.0** - Project Muskaan 4.0, held from 10<sup>th</sup> to 19<sup>th</sup> October, focused on 'Women Empowerment.' In collaboration with NGOs such as Prachyesta - Ek Prayaas, Yatan, and Navjyoti India Foundation, the initiative, under the 'She Shines' campaign, aimed to empower underprivileged women through various activities, fostering confidence and self-reliance.



# Milestones in NCU's Dynamic Cultural Landscape

## NCU Momentum 2024

The NorthCap University organised the annual techno-cultural fest, "Momentum" on 24th to 25th October, 2024. The campus buzzed with excitement as students geared up for a packed schedule of events. From exciting technical challenges to lively non-technical activities, the fest offered something for everyone to enjoy. A total of 65 engaging onstage and offstage events were organised, encompassing various competitions, including sports. The fest drew a massive crowd, with students from various universities coming together for two action-packed days. Each event was met with enthusiastic participation, as students showcased their talents, competed passionately, and rallied in support of their friends. The campus buzzed with an incredible spirit and energy, making it a truly memorable experience. Beyond enthusiastic participation, the festival saw collaboration from 24 sponsors, spanning everything from food stalls to event partnerships, adding vibrancy and support that enriched the entire experience.

The two-day event featured mesmerising star performances, kicking off with the dynamic group, Dastaan Live, which captivated the audience with their rock opera, "Kabira Khada Bazaar Me." Their intense music and powerful storytelling drew everyone in, leaving the crowd utterly absorbed and marking it as one of the most unforgettable highlights of the festival. Renowned DJ Bassworm took centre stage and instantly ignited the crowd with an electrifying set, elevating the festival's energy to new heights. Students danced and cheered along, fully immersed in the beats, and setting an exhilarating tone for the festivities that followed. The grand finale of NCU Momentum was a high-energy star night featuring Bollywood sensation Divya Kumar. His electrifying performance had the crowd dancing and singing along, creating an unforgettable atmosphere and the perfect close to an extraordinary fest.



## Clubs' Fiesta 2024

On 10<sup>th</sup> April 2024, Student Activities and Leadership Cell (SAL) organised Clubs' Fiesta 2024, a vibrant celebration of student talent and activities at the university. The highlight of the event was the Inter-University Competition showcasing group dance, solo singing, solo dance, and group singing performances. The festival boasted an impressive array of 44 offstage events organised by various student clubs, spanning diverse interests from cultural to technical domains. Other events included environmental initiatives like tree plantation drives, technical competitions such as UI/UX challenges, cultural activities like T-shirt painting, and awareness campaigns on social issues. Clubs including IEEE HAC, NSS NCU, NRSC and several others, actively participated with unique event offerings.





# Au-revoir: Farewell - Class of 2024

On 2<sup>nd</sup> May, 2024, Student Activities and Leadership Cell (SAL) organised the Farewell Extravaganza for Class of 2024, titled "Au Revoir," which commenced amidst an atmosphere brimming with anticipation and nostalgia. Hosts Riya Singh and Tanya Sinha welcomed the esteemed faculty, dignitaries, and the outgoing class of 2024 with enthusiasm and warmth. The event was graced by the presence of esteemed dignitaries including Pro-Chancellor Prof. Prem Vrat, and Vice Chancellor Prof. Nupur Prakash. The event featured captivating performances by Encore - The Music Club and Dancescape - The Dance Club, showcasing the remarkable talent and creativity of the students. These performances left the audience spellbound, evoking emotions of joy and nostalgia. The Heads of Departments shared words of wisdom and encouragement, highlighting the achievements and contributions of the outgoing batch. Their speeches resonated with the audience, inspiring gratitude and reflection.





# A Trip to Himachal

The NorthCap University organised an enriching educational trip to Manali from 9<sup>th</sup> to 13<sup>th</sup> February, 2024, offering students a blend of learning and exploration amidst nature. A group of 35 students from various schools participated. The trip included visits to cultural landmarks like the Buddhist Monastery and Hadimba Temple, as well as an adventurous day at Solang Valley. Amidst scenic landscapes, students bonded and engaged in team activities, concluding each day with reflections on their experiences. The trip successfully fostered a spirit of discovery and camaraderie, leaving students with cherished memories and an expanded perspective.



# Mirchi Freshers and RJ Talent Hunt

The Students Activity and Leadership Cell (SAL) at The NorthCap University, in collaboration with Radio Mirchi, hosted the vibrant "Mirchi Freshers and Talent Hunt" on 27<sup>th</sup> September, 2024, at the NCU Amphitheatre. It was an exciting day filled with dynamic activities, engaging games, and numerous prizes that celebrated student talent and energy. The highlights included an RJ Talent Hunt, where students displayed their vocal flair, charisma, and unique personalities, captivating the audience and vying for exciting prizes. A series of fun games and challenges added to the excitement, ensuring continuous engagement and rewarding participants with goodies and prizes.

The event concluded with the crowning of standout participants with titles like "Mr. Radio Mirchi Fresher-Boy," "Ms. Radio Mirchi Fresher-Girl," and "Ms. Diva," leaving students with a sense of accomplishment and a memorable experience. The "Mirchi Freshers and Talent Hunt" was a lively start to the academic year, fostering community spirit and making it a day to remember for all.



# Promoting Health and Mental Wellbeing at The NorthCap University for Staff and Students

## POSH TRAINING FOR STUDENTS AND STAFF

As part of its commitment to fostering a safe and inclusive campus environment, the university Psychologist, Ms. Priyanka, conducted a series of Prevention of Sexual Harassment (POSH) sessions for students in March and April. These sessions aimed to educate students about their rights and responsibilities regarding sexual harassment and promote a culture of respect and awareness. The topics covered included defining sexual harassment, understanding the legal framework, identifying various forms of harassment, reporting mechanisms, and bystander intervention strategies. The sessions included case studies, group discussions, and interactive activities. Many students appreciated the opportunity to learn in a safe, supportive environment. Additionally, events were held for administrative staff to address sexual harassment in the workplace, focusing on the POSH Act 2013 and how to seek help if harassed.



## WOMEN'S DAY CELEBRATION AT NCU

As part of the Women's Day celebration, an event was held on 7th March, 2024 to commemorate and reflect on the pivotal role of women throughout history, and their contributions to leadership. The programme commenced with a discussion on the historical context of women's struggle for equality and rights, emphasising how these battles have shaped modern society. The importance of women's leadership roles was highlighted, showcasing the invaluable perspectives and innovations women bring to the table. The event also featured inspiring stories of women leaders who have been crucial in shaping history across various fields, including politics, education, and social reform. Despite the progress made, the discussion underscored that women continue to face significant challenges in the present, including gender biases, unequal opportunities, and work-life balance struggles. The event concluded with a call to action for continued advocacy and support for women's empowerment in all spheres of life.



#### ANTI-RAGGING MEASURES- CURBING THE MENACE OF RAGGING IN HIGHER EDUCATIONAL INSTITUTIONS

On 18<sup>th</sup> July, 2024, a session on anti-ragging measures was conducted for faculty and staff members, the university psychologist, Ms. Priyanka, discussed the critical importance of preventing ragging in educational institutions. The session highlighted the severe psychological and physical impacts of ragging on students, and emphasised the responsibility of faculty and staff to create a safe and supportive environment. Key measures discussed included strict enforcement of anti-ragging policies, awareness programmes for students, stringent punishments to be enforced on defaulters and immediate support and counselling for victims. This essential topic aimed to equip faculty and staff with the knowledge and tools to effectively combat ragging and ensure the wellbeing of all students.

#### FREE DENTAL CHECKUP CAMP & SMILE HUNT: 'MR AND MS WHISTLE SMILE'

In collaboration with Clove Dental, NCU hosted a Free Dental Checkup Camp in February, providing over 500 students, faculty, and staff with dental screenings and personalised feedback. The event also featured the SMILE HUNT: 'Mr and Ms Whistle Smile', a competition promoting dental health and self-confidence through workshops and a grand finale showcasing radiant smiles.

#### **ANXIETY MANAGEMENT SESSION**

In August, Dr. Purnima, a Psychologist from Cloud Nine Hospital addressed growing concerns about anxiety, particularly among students. The session provided insights into recognising symptoms, managing anxious thoughts, and developing healthier coping mechanisms. Attended by over 400 students and staff, it emphasised the importance of mental health for academic and personal success. The session concluded with an open forum for participants to ask questions and share experiences, fostering a supportive environment



## FREE EYE SCREENING CAMPS

Vision health is often overlooked, but The NorthCap University ensures that eye care is given due attention. Thus, NCU organised two Free Eye Screening Camps in 2024, in collaboration with Centre For Sight - Group of Eye Hospitals in April and Manipal Hospitals in September, to ensure the eye health of its community members. These camps provided comprehensive eye examinations, including refraction tests, visual acuity assessments, and muscular balance evaluations. Led by experienced ophthalmologists and optometrists, the camps aimed to detect early signs of vision problems and offer advice for long-term eye health. Participants were also offered complimentary cataract evaluations and Lasik workups when needed. The initiative made quality eye care accessible to all university members, promoting a healthier and more informed community.

#### **CPR TRAINING**

In January, Dr. Romi Singh, Casualty Head at Manipal Hospital, conducted a CPR Training Session, providing over 200 participants with essential life-saving techniques. The session covered proper chest compressions, recognising cardiac arrest signs, and the use of automated external defibrillators (AEDs). This initiative reinforces our commitment to both academic success and the safety and well-being of our members.

#### FACULTY DEVELOPMENT PROGRAMME: MENTAL HEALTH EVENTS

During Faculty Development Programme Week in July, two sessions were held, led by experts from YourDost, focusing on mental wellbeing and productivity. The first session addressed achieving a balance between professional and personal life, offering strategies on time management, setting boundaries, and prioritising self-care. Participants gained practical tools for work-life integration, promoting both career success and personal fulfilment. The second session centred on mindfulness, featuring a guided visual imagery exercise that provided relaxation and mental rejuvenation, emphasising the importance of mindfulness for emotional resilience and clarity.

### **BLOOD DONATION AWARENESS TALK**

In March, Dr. Rashmi, a renowned pathologist from Manipal Hospital, delivered an informative talk on the benefits and importance of blood donation. The session educated students and staff on how blood donation can save lives, the importance of maintaining a safe blood supply, and how a single donation can help multiple people. Dr. Rashmi also covered the criteria for donation, health benefits for donors, and the impact of regular donations on the community. The talk inspired many to consider becoming regular blood donors, contributing to a crucial healthcare need.

### STRESS MANAGEMENT SESSION FOR FACULTY MEMBERS

To support the wellbeing of its educators, NCU organised a Stress Management Session in July. Led by Dr. Mishra, a renowned cardiologist from Manipal Hospital, the session focused on recognising signs of stress, managing work-life balance, and reducing stress levels. The interactive workshop provided practical tools such as meditation, deep breathing techniques, and time management tips. This initiative reflects the university's commitment to the mental and emotional health of its faculty, ensuring they are equipped to create a positive and productive learning environment.

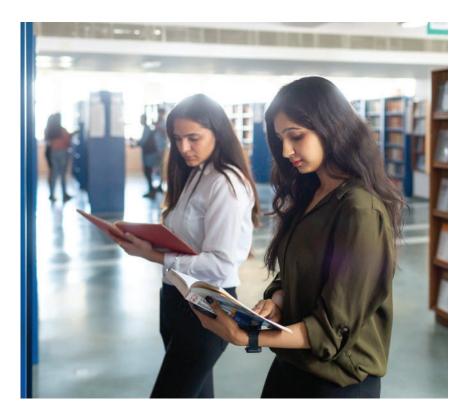


### FIRST AID TRAINING

Led by Dr. Mukti from Manipal Hospital, the session in May covered the fundamentals of first aid, including treating minor injuries and managing more serious incidents such as burns, fractures, and bleeding. Aimed at empowering over 250 participants, the programme equipped them with the knowledge and confidence to provide immediate care in emergencies, thereby enhancing campus safety. The session also provided guidance on creating a basic first-aid kit, ensuring participants gained both theoretical knowledge and practical tools for responding to health incidents.

# Library and Information Resource Centre (LIRC)

The Library and Information Resource Centre (LIRC) at The NorthCap University stands as a cornerstone of the university's expanding infrastructure, consistently prioritised by the administration. Boasting a diverse collection of over 100,000 volumes (including book bank) across disciplines such as Engineering, Law, Sciences, and Management, the LIRC serves as a vital academic resource. The centre subscribes over 66 Scopus and UGC CARElisted journals, including BCI-recommended titles, ensuring access to high-quality research materials. In the reporting year, the LIRC upgraded its computerised services the KOHA Library Management Software, enhancing operational efficiency. A bar-coded system facilitates circulation processes, with plans underway to implement an RFID system in the near future, further strengthening its resource management capabilities.



The Library and Information Resource Centre (LIRC) at The NorthCap University offers a range of user-centric facilities and resources, enhancing academic support and access to information. New arrivals are regularly updated through group emails and OPAC, while 24x7 remote access is provided via VPN. Through the WEB OPAC, users can reissue books online and reserve checked-out titles. The LIRC's extensive journal collection includes back volumes for reference, and a multimedia digital library offers access to e-resources via dedicated computers equipped with printers, scanners, and headphones. The LIRC's extensive e-resources include subscriptions to Westlaw, Manupatra, SCC Online, EBSCO Host, Springer, ProQuest, and Tata McGraw Hill e-books. As a DELNET member, LIRC facilitates inter-library loans, and its e-resources cover leading databases, including EBSCO Host, Westlaw, MANUPATRA, and Springer Nature. The newly equipped reading rooms and advanced digital photocopiers significantly enhance user convenience. The implementation of biometric entry, a digital notice board, and online fine payment options further optimises and streamlines library services.

## **Events at NCU Library**

# Three-day workshop on "From Access to Action: Exploring NCU Library E-Resources for Effective Teaching and Research"

In June, 2024, The NorthCap University's Central Library hosted a comprehensive three-day workshop focused on enhancing faculty and PhD research scholars' skills in navigating the extensive range of e-resources subscribed to by the library. The workshop featured expert speakers representing prominent e-database providers, including Springer, EBSCO, ProQuest, Manupatra, Westlaw, and Koha OPAC. Each speaker provided valuable insights and practical tips on maximising the use of e-resources, from research articles and e-books to online courses and mobile-accessible content. Through engaging discussions, participants were introduced to innovative tools and strategies offered by publishers, aimed at elevating the quality and impact of their teaching and research. The workshop empowered attendees to unlock the full potential of high-quality research tools, equipping them with the knowledge to advance their academic work and stay at the forefront of research in their respective fields.

# Hindi Book Exhibition at the NCU Library

To celebrate Hindi Diwas, The NorthCap University organised a Hindi literature exhibition at the NCU Library. Held annually on 14th September, Hindi Diwas commemorates the Constituent Assembly's designation of Hindi as India's official language in 1949. The exhibition drew enthusiastic participation from students and faculty, who explored the library's rich Hindi literature collection. The event served as a platform for the NCU community to connect with Hindi's cultural and literary heritage, honouring its significance within India's multilingual landscape.

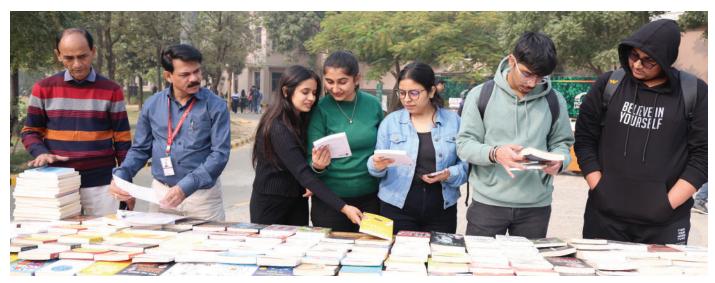


# National Library Day celebrations at NCU

NCU Library commemorated Padma Shri Prof. SR Ranganathan's birthday on 12<sup>th</sup> August, also celebrated as National Library Day. Members of the university library hold Prof. Ranganathan's significant contribution to the field of library science in high regard, wherein they commemorated this day by acknowledging his blessings and hard work to get us to where we are today. His unwavering efforts have allowed library science to establish itself as a significant field in India and around the globe. In addition to being the creator of library science at Delhi University, Prof. Ranganathan is the first academic to receive the Padma Shri Award in this field and additionally, a postage stamp.

### Hands-on Workshop of e-Resources: EBSCO Academic Search Premier and IEEE CSDL

On 27<sup>th</sup> September, 2024, The NorthCap University's Central Library (LIRC) hosted an in-depth workshop on the use of EBSCO and IEEE databases. Led by Mr. Ritesh Kumar, senior training manager, the session provided participants with valuable skills for optimising research through smart keyword use, citation exporting, alert settings, and mobile app access, among other features. The session equipped the faculty and research scholars with skills for enhanced research, both on-campus and remotely.



# Celebrating Sports & Fitness at NCU

## Khel Utsav 2024

Celebrating athletic excellence, NCU hosted a three-day sports festival from 5<sup>th</sup> to 7<sup>th</sup> November. The event brought together 15 colleges and was inaugurated by Dr. Satyapal Singh, a Dronacharya Award-winning Paralympic coach, whose address inspired the participants. The festival featured competitions in cricket, basketball, volleyball, and table tennis, with NCU's teams excelling. The university's cricket and boys' basketball teams secured first place, while the women's volleyball team emerged as champions, and the girls' basketball and men's volleyball teams finished in second place. The event concluded with a closing ceremony led by national wrestling coach Mr. Virender Dahiya, who promoted excellence through discipline and hard work.



# Faculty, Admin, Technical & Other Staff's Sports Event

Held in January, the event fostered camaraderie and encouraged a healthy lifestyle. With sports such as cricket, volleyball, badminton, chess, carrom, and table tennis, it allowed staff to participate based on their interests and fitness levels. The programme provided a platform for friendly competition and inter-departmental collaboration, strengthening relationships and promoting teamwork. It also emphasised the importance of physical activity for overall well-being.

## North-East Zone Inter-University Judo Championship

Held from 31st December, 2023 to 2nd January, 2024 at Chhatrapati Shahu Ji Maharaj University, Kanpur, the event saw participation from 44 universities across the North and East Zones. Arishta Rattan, a BBA student from the School of Management, secured a place among the Top 16 players, earning qualification for the All India Inter-University Judo Championship.

# **Inter-Departmental Tournaments**

The following inter-departmental tournaments were held during the year to enhance sportsmanship, foster camaraderie, and promote a competitive spirit among students:

Carrom: 2<sup>nd</sup> to 4<sup>th</sup> September, 2024

Chess: 2<sup>nd</sup> to 4<sup>th</sup> September, 2024

Table Tennis: 2<sup>nd</sup> to 4<sup>th</sup> September, 2024

Lawn Tennis: 4th to 6th September, 2024

Badminton: 11th to 13th September, 2024

Volleyball: 9th to 12th September, 2024

## **Athletics Tournament**

The Athletics Tournament for the year 2023-24 was held from 19<sup>th</sup> to 22<sup>nd</sup> March, 2024, with the objective of promoting physical fitness, teamwork, and a competitive spirit among students. This exciting event showcased the athletic abilities of both boys and girls, fostering a sense of unity and sportsmanship across the campus.

The tournament featured a comprehensive range of track and field events, including the 100 meters, 200 meters, 400 meters, 800 meters, and relay races, along with various field events like long jump, high jump, javelin throw, discus throw, and shot put. Each day of the tournament focused on different events, ensuring that participants had ample opportunities to compete and excel.

With participants from diverse departments, the event was a grand success, with numerous records being challenged and personal bests achieved. The athletics tournament not only emphasised the importance of sports in a student's life but also aimed to encourage a balanced lifestyle among students.









### **Football Tournament**

The Inter-Departmental Football Tournament 2023-24, held from 30<sup>th</sup> January to 7<sup>th</sup> February, promoted teamwork, fitness, and healthy competition among students. The Computer Science and Engineering (CSE-2) team won the championship with outstanding coordination and tactical play, while the School of Management (SOM) team secured the runners-up position. The event fostered camaraderie and emphasised the role of sports in holistic student development.

# PhD Programmes at NCU

Number of Students	Name of the Department	Broad Areas			
37	Applied Sciences	Biochemistry Coding (Maths) Theory Coding Theory Condensed Matter Physics (Glasses) Differential Equations Environmental Chemistry Graph Theory And Discrete Maths Image Processing Inorganic Chemistry Mathematics (Image Processing) Mathematics (Machine Learning)	Mathematics (Optisation Techniques) Nano Chemistry Nanocomposites (Physics) Nanomaterials (Physics) Operations Research Applied Mathematics Organic Chemistry Condensed Matter Physics (Glasses) Physics (Thin Film Solar Cells) Sensor Studies		
56	Computer Science & Engineering	Al And Big Data Al In Agriculture Artificial Intelligence Big Data Big Data Analytics Big Data And Machine Learning Blockchain Cloud Computing Computational Neuroscience Computer Networks	Cyber Security Data Mining Deep Learning Digital Forensics IOT Machine Learning Malware Analysis Natural Language Processing Software Engineering		
47	Multidisciplinary Engineering	Engineering Materials Environmental Engineering Structural Engineering Sustainability Management Water Resources Biomedical Electronics Control Systems Electric Power System Navigation System Renewable Energy Signal, Speech And Image Processing Solar Cells And IOT Thermo-Fluid Engineering	Speech And Image Processing Tachnology And Society Wireless Communication Wireless Communication & Navigation System Industrial Engineering Leadership And Design Thinking Mechanical Engineering Operations Production Engineering Refrigeration and Air Conditioning Thermal Engineering		
43	Management & Commerce	Economic Finance Human Resource Management Management Marketing			
7	Psychology	Child Psychology Clinical Psychology Forensic Psychology Media Psychology (Internet Addiction	)		

Number of Students	Name of the Department	Broad Areas		
26	School of Law	Commercial Dispute Settlement Law Constitutional Law Corporate Law Criminal Laws Cyber Crime International Trade Law	Cyber Law Family Law Human Rights Intellectual Property Rights (IPR) Laws	
13	Centre for Language Learning	American Fiction British Literature English Literature Gender Studies Indian Writing In English		
229		TOTAL		

# PhD Awardees

S.No.	Name of the Scholar	Department/ School	Topic
1	Garima Sharma	CSE	Metaheuristic-Based Selection Of Fused Deep And Geometric Features For Multi-Class Facial Expression Recognition
2	Renu	APS	A Study Of Synthesis And Applications Of Cyclodextrin Based Nanocomposites In Photocatalytic Degradation Of Organic Pollutants
3	Ghanishtha Narang	EECE	System Modeling And Performance Analysis Of Free Space Optical Communication System Using Chaotic Schemes
4	Deepika	EECE	Embedded Implementation Of Traffic Sign Detection And Recognition System For Real Time Applications
5	Mahima Anand	SOM	The Role Of Perceived Career Development Initiatives On Employee Engagement And Creativity: A Study Among Third-Party Executives
6	Ankita Gupta	CSE	Universal Steganalysis Through Meta-Heuristic Optimization And Deep Learning Techniques
7	Neetu Chhillar	SOM	Impact Of Digital Financial Literacy On Personal Financial Management Behavior And Financial Well-Being (With Special Reference To Employed People In NCT Of India)
8	Lokesh Choudhary	CE	Structural Behavior Of Sustainable Ternary Geopolymer Concrete And Strength Prediction Using Machine Learning
9	Savita Boral	CLL	Positioning Queer In Theatre : Mahesh Dattani And Other Voices
10	Jonika Lamba	SOM	Market Resilience Of Covid 19: A Detailed Analysis On Leading Stock Market Index Nifty-50
11	Sumit Pandey	CSE	Future Of Chatbots And AI In Changing Healthcare Industry: Chat Bots Enhancing Mental Healthcare Delivery
12	Trishala Chauhan	SOM	Customer Engagement Towards Branded Content For Healthcare: A Study Of Delhi NCR
13	Sandeep Sharma	CSE	Hybrid Approach For Android Malware Detection And Analysis Through Artificial Intelligence Techniques
14	Nimisha Yadav	CLL	Kolkata- Voices And Visions: Revisiting The Metropolis Through Contemporary Indian Fiction And Cinema

# Annual Report 2024

S.No.	Name of the Scholar	Department/ School	Topic
15	Nidhi Aggarwal	APS	Development Of Novel Granular Form Stable Phase Change Material (PCM) For Orthopedic & Food Delivery Applications
16	Mansi Yadav	SOM	Impact Of Digital Financial Literacy On Retirement Planning With Mediating Effect Of Investment Behaviour And Saving Behaviour Among The Salaried People In Delhi NCR
17	Monika Yadav	CSE	Adverse Drug Reactions Classification And Prediction Using Deep Learning
18	Aakriti Khanna	EECE	Grid Connected Photovoltaic System Under Disturbed Grid Conditions
19	Manu Jain	SOM	Generation Of EWOM: A Study Of Factors Affecting The E-Tailers
20	Richa Sharma	CLL	Dialectics Of Dislocation And Relocation: Cross-Cultural Undercurrents In The Works Of Chitra Banerjee Divakaruni And M.G. Vassanji

# Degree Holders - 2024

Programme	Grand Total	First Class With Distinction	First Class	Second Class
	UNDI	ERGRADUATE		
BTech-CSE	312	50	248	14
BTech-ECE	20	1	15	4
BTech-ME	15	2	13	0
BTech-CE	2	0	2	0
BA (Hons)-Eco	15	2	12	1
BA (Hons)-Eng	12	1	9	2
BA (Hons)-Psy	32	1	25	6
BCom (Hons)	63	9	49	5
BSc (Hons)-Chemistry	11	1	8	2
BSc (Hons)-Data Science	10	0	10	0
BSc (Hons)-Mathematics	11	2	7	2
BSc (Hons)-Physics	1	0	1	0
BBA	74	2	54	18
BBA-BA	13	0	13	0
BBA-DM	23	0	20	3
BBA-LLB (Hons)	88	10	67	11
BCA	36	4	30	2
Total	738	85	583	70

Programme	Grand Total	First Class With Distinction	First Class	Second Class			
	POS	TGRADUATE					
LLM	10	3	4	3			
MTech-CE (FT)	1	1	0	0			
MTech-CE (PT)	5	3	2	0			
MTech-CSE (FT)	2	1	1	0			
MTech-CSE (PT)	2	1	1	0			
МВА	35	3	20	12			
Total	55	12	28	15			
	DOCTORATE						
PhD	17	0	0	0			
Grand Total	810	97	611	85			

# Elevating Academia: NCU's Commitment to Research & Development and Publication

# Research and Development

Sponsored Research Projects (December 2023 - October 2024)

	Sponsored Research Project (Completed)							
S.No	PI/Co PI	Project Title	Funding agency	Duration (yrs)	Date of Sanction	Sanctioned Funds (Rs. Lakhs)	Funds received (Rs. Lakhs)	Status
1	Dr. Prachi and Prof. Rita Chhikara (CSE)	Development of Machine Learning based approach for efficient Android Malware Detection and Reverse Engineering	National Technical Research Organisation (NTRO)	3	1.12.2020	19.37	14.69	Completed
2	Dr. Srishti Sharma (CSE)	Robust and Hybrid Deep Ensemble Framework for Accurate Prediction of Attention-Deficit	Galala University, Egypt (Cintana Research)	1	15.03.2023	6.617	6.617	Completed
3	Dr. Vaisahli Sahu (MDE)	Carbon Capture from Cement industry and its economic Implications - Way Forward for developing Nations	UDG, Montenegro, UAG, Mexico, (Cintana Research)	1	15.03.2023	6.534	6.534	Completed
4	Dr. Vaisahli Sahu (MDE)	Smart Waste Management - Way forward for sustainable development	Galala University, Egypt, UAG, Mexico, (Cintana Research)	1	15.03.2023	6.617	6.617	Completed
	Total 39.138 34.458							

	Sponsored Research Projects (Ongoing)							
S.No	PI/Co PI	Project Title	Funding agency	Duration (yrs)	Date of Sanction	Sanctioned Funds (Rs. Lakhs)	Funds received (Rs. Lakhs)	Status
1	Dr. Manjula Batra (SOL)	The Plight of Migrant Labourers during the COVID-19 Pandemic in Delhi: A Socio- Legal Study	Indian Council of Social Science Research - ICSSR	9 months	01.03.2021	3	1.95	Ongoing
2	Prof. Rita Chhikara Dr. Neeti Kashayp (CSE)	Visvesvaraya PhD Scheme for Electronics and IT: Phase-II (2022)	Visvesvaraya PhD Scheme (Meity)	5	14.09.2022	72.61	15.02	Ongoing
3	Dr. Mrinal Pandey Dr. Shraddha Arora, Dr. Mamta Arora, Sohaib Siddiqui (CSE)	Medical Insurance claim settlement using Blockchain Technology	IIT Bhilai Innovation and Technology foundation	2	09.12.2022	1.98	1.59	Ongoing
4	Prof. Rita Chhikara Dr. Neeti Kashayp (CSE)	Visvesvaraya PhD Scheme for Electronics and IT : Phase-II (2023)	Visvesvaraya PhD Scheme (Meity)	5	18.08.2023	72.61	6.31	Ongoing
5	Arjun Singh Mentor: Dr. Samaresh Das (IIT Delhi) (APS)	Development of air-stable perovskite semiconductor- based field effect phototransistors with the high response speed	DST (SERB TARE)	3	09.01.2024	8.25	2.75	Ongoing
6	Dr. Hukum Singh (APS)	Designing of various hybrid structure phase masks for optical image encryption for information security using certain selected mathematical transforms	DST(SERB- CRG)	3	29.08.2024	29.88	14.70	Ongoing
7	Dr. Unanza Gulzar (SOL)	Safeguarding Patient's Rights: A Legal Perspective on Healthcare Legislation	GMX BIOMAX Medicare Pvt. Ltd, Gurugram	1	02.03.2024	1	1	Ongoing
8	Prof. Archana Sarma (SOL)	Exploring Health Equity and Social Determinants: A Health Law Analysis	GMX BIOMAX Medicare Pvt. Ltd, Gurugram	1	02.03.2024	1	1	Ongoing
9	Prof. Archana Sarma Dr. Unanza Gulzar (SOL)	Exploring the Efficacy of Virtual Courts before the Learned Additional District Judge-06, South District, Saket Courts, New Delhi	Delhi Higher Judicial Service (South District, Saket Courts, New Delhi)	1	16.03.2024	0.2	0.2	Ongoing

	Sponsored Research Projects (Ongoing)							
S.No	PI/Co PI	Project Title	Funding agency	Duration (yrs)	Date of Sanction	Sanctioned Funds (Rs. Lakhs)	Funds received (Rs. Lakhs)	Status
10	Dr. Nidhi Malik Prof. Rita Chhikara (CSE)	Crop disease detection, severity prediction and loss estimation for improving crop production using Deep Learning Techniques	Cintana Research	1	15.03.2024	1.651	-	Ongoing
11	Ms. Shraddha Kumar Mentor: Dr. Pooja Sabherwal (MDE)	Early prediction and evaluation of sepsis using machine Learning	DST (WISE KIRAN)	3	11.09.2024	21.41	-	Ongoing
	Total						44.52	

# **Consultancy Details**

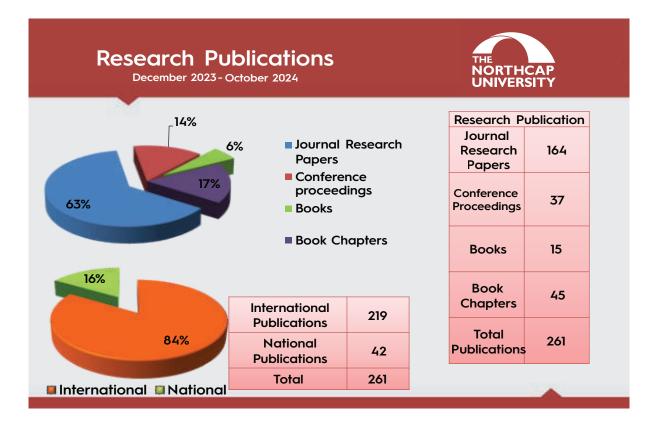
Following Consultancy projects were undertaken by university in aforesaid period.

S.No	Details of the Consultancy	Title of Consultancy	Faculty	Duration of consultancy	Amount received (Lakhs)		
1	Volkswagen Group Technology Solutions (VWITS)	Fresher Induction for VWITS	Dr. Rita Chhikara, Dr. Prerna Singal	22 Nov 2023 - 22 Jan 2024	8,08,000		
2	National Law University Delhi	All India Law Entrance Test (AILET)	Ms. Kiran Mrig, COE	10 December 2023	1,55,800		
3	Conference Participants	STRIDE (Sustainability, Technology, Resilience, Innovation, Development and Entrepreneurship)	Prof. Sona Vikas (Dr. Priyanka Banerji, Dr. Neha Kumar, Dr Shaveta Sachdeva, Dr. Akshat A Rao, Dr Preeti Chawla, Dr Deergha Sharma, Dr Ashima Saxena)	14-16 December 2023	3,42,500		
4	Ministry of Law and Justice	Pro Bono activities	Dr. Unanza Gulzar	21 Feb 2024 - 21 Feb 2025	1,00,000		
5	Various universities and judiciary gold	International Conference on Law and Technology: Shaping Legal Paradigms in the Digital Era	Prof. Archana Sarma, Dr. Unanza Gulzar, Dr. Tavleen	5-6 April 2024	1,40,200		
6	DST SERB	Intelligent Systems for Cybersecurity	Dr. Shilpa Mahajan, Dr. Mehak Khurana	3 - 4 May, 2024	1,00,000		
7	Conference Participants	Conference on Intelligent Systems for Cybersecurity	Dr. Shilpa Mahajan, Dr. Mehak Khurana	3 - 4 May, 2024	19,77,182		
8	FDP Participants	Capacity building programme on Design Thinking Journey: Unlocking Innovation	Prof. Sharda Vashisth, Dr. Vaishali Sahu	15-19 July 2024	1,80,000		
	Total						

## **Research Publications**

December 2023 - October 2024

S.No	Department/ School	Journals	Book and Book Chapters	Conference Proceedings	Total no. of Publications
1	APS	27	1	4	32
2	CSE	29	22	27	78
3	MDE	45	10	2	57
4	DoM&C	36	18	3	57
5	CLL	11	0	0	11
6	Psy.	2	1	0	3
7	SOL	14	8	1	23
	Total	164	60	37	261



# Annexure 1 - FDPs Organised

S.No	Title of FDP	Date(s)	Name of the Experts / Speakers
1	FDP on Power BI in collaboration with ICT Academy	18-22 December 2023	Ms. Neetu Singla, Dr. Shraddha Arora, Dr. Yogita Gigras; Mentored by Prof. Rita Chhikara
2	FDP on Remote Sensing and GIS 2024	15-19 January 2024	Dr. Sameer Saran (Scientist-SG, Dy. General Manager, NRSC ISRO); Speakers from HARSAC, NRSC ISRO, IIT, Bennett University
3	FDP cum Workshop on Quantum Computing	8-12 January 2024	Dr. Anupama Ray (IBM Quantum Technical Ambassador, Qiskit Advocate)
4	FDP on Generative AI in collaboration with AWS Academy	10-14 June 2024	Ms. Akanksha Rai Sharma (Technical Lead, AWS Academy)
5	National FDP on Design Thinking Journey: Unlocking Innovation	15-19 July 2024	Prof. V M Chariar, Ms. Priya Singh, Ms. Sneha Maji Dr. Shaveta Arora
6	FDP on Remote Sensing and GIS 2024	22-26 July 2024	Dr. Sameer Saran (Scientist-SG, Dy. General Manager, NRSC ISRO); Speakers from NRSC ISRO
7	Unlocking Legal Horizons: Empowering Educators in Contemporary Legal Issues	22 - 29 July 2024	Prof. Vageshwari Desai, Prof. Prem Vrat. Dr. Nadeep Suhag, Advocate Reema Bhadari, Dr. Shubradipta Sarkar, Adv Kiron, Prof. Manjula Batra and Prof. Archana Sarma,
8	National Workshop on The Power of MATH- Interactive Applications in Modern Developments	20 - 24 August 2024	Prof. Pankaj Gupta, Prof. Sangita Kansal, Prof. Renu Chug, Prof. Deepa Sinha, Prof. Kapil Kalkal, Prof. Prabha Sharma, Prof. C. B Gupta, Prof. Phool Singh
9	PDP on CCNA Modules for NTRO	16-28 September 2024	Prof. Prem Vrat (Pro Chancellor), Prof. Nupur Prakash (Vice Chancellor), Senior NTRO officials, Dr. Rita Chhikara (HOD, CSE)

# Annexure 2 - Faculty Outreach & Achievements

S.No	Name of the Programme / Conference / Award	Organising / Awarding Agency	Name of the Faculty
1	International Conference on Frontiers in Industrial Applications	BITS Pilani, Dubai Campus	Ms. Bhavana Sharma
2	Graduation Ceremony for Pollen Propel Pre- Incubation Programme	STPI Apiary, Gurugram	Prof. Rita Chhikara, Dr. Poonam Chaudhary
3	National Workshop on "The Power of Math - Interactive Applications"	Council of Scientific and Industrial Research (CSIR)	Dr. Nishu, Dr. Monika Lamba, Dr. Shraddha Arora
4	Guest Speaker Session on AI and Its Future Impact	AI Facilitator Community, CBSE, in collaboration with Intel	Ms. Akanksha Kaushik
5	e-STC on "Industry 4.0 Challenges and Interdependencies"	Dr. B. R. Ambedkar NIT, Jalandhar, sponsored by Agmatel India Pvt. Ltd.	Dr. Meghna Sharma
6	Reviewer for International Journals	PLOS ONE, IEEE Transactions, Elsevier, Springer, Taylor & Francis	Dr. Tamalika Chaira
7	International Conference on ICT for Digital, Smart, and Sustainable Development (ICIDSSD '24)	Department of CSE, SEST, Jamia Hamdard, India	Dr. Poonam Chaudhary, Dr. Meghna Sharma

S.No	Name of the Programme / Conference / Award	Organising / Awarding Agency	Name of the Faculty
8	International Conference on Intelligent Systems for Cybersecurity (ISCS 2024)	Department of CSE in collaboration with IEEE, sponsored by DST SERB	Ms. Bhavana Sharma
9	Guest Speaker on Supervised and Unsupervised Learning Algorithms	Al Facilitator Community in collaboration with Intel	Ms. Akanksha Kaushik
10	Session Chair at Vth International Conference on Deep Learning, AI, and Robotics (ICDLAIR-2023)	National Institute of Technology, Kurukshetra	Ms. Akanksha Kaushik
11	Session Chair at Vth International Conference on Deep Learning, AI, and Robotics (ICDLAIR-2023)	National Institute of Technology, Kurukshetra	Dr. Nidhi Malik
12	Keynote and Panelist at IEEE Quarter Tech Talk Table Series	Vidyalankar Institute of Technology, Mumbai	Dr. Poonam Chaudhary
13	Invited Talk at "Data Makers Fest 2024"	Alfândega do Porto, Portugal	Dr. Poonam Chaudhary
14	CII Annual Business Summit 2024	Confederation of Indian Industry (CII)	Prof. Nupur Prakash, Prof. Rita Chhikara, Dr. Meghna Sharma, Mr. Vikas Narula
15	Best Oral Presentation Award	National Conference On Multifunctional Advanced Materials (MAM-2024), Amity University, Haryana	Dr.Arjun Singh
16	33rd International Congress of Psychology ICP2024 in Prague (Development of a tool to measure counterproductive work behavior; A two dimensional approach)	International Union of Psychological Science (IUPsyS)	Dr. Neha Jain
17	TIMES 2024 (Navigating the role of AI in handling Mental Health Challenges)	The NorthCap University, Gurugram	Dr. Neha Jain
18	33rd International Congress of Psychology ICP2024 in Prague (Counterproductive work behavior; Antecedents context and Consequences)	International Union of Psychological Science (IUPsyS)	Dr. Neha Jain
19	Achieving Sustainable Women Empowerment through Education, Employment and Entrepreneurship (Exploring the Gender Equality for Lasting Women Empowerment through Narrative Inquiry)	Department of Commerce, Thanthai Periyar Government Arts and Science College, Tamil Nadu, sponsored by ICSSR	Dr. Samiksha Jain
20	International Conference on Electronics, Communication, Computing and Control Technology (State-of-the-Art of Prediction of Stress Levels in the Workplace Based on MLP- CNN Technique)	Department of Electronics and Communications Engineering, CMR Institute of Technology, Bengaluru	Dr. Samiksha Jain
21	TIMES 2024 (The Augmented Protagonist in Psychological Research & Intervention: Understanding the boon & bane of using AI)	The NorthCap University, Gurugram	Swati Saxena, Dr. Neha Jain, Dr. Samiksha Jain
22	Joint National Conference on Emerging Trends in Education, Management, Social Sciences and Law (Interplay of Lucid Dreaming, Sleep Quality and Expressed Emotions)	Sharda University, Greater Noida	Dr. Samiksha Jain
23	National Conference IMMRC (Case Study on Silent Signals: Role of Body Language in Criminal Investigation)	Institute of Marketing and Management	Dr. Jyotika Goyal
24	9th Global Leadership Research Conference (Sexual Arousal and Desire Scale (SADS): A Scale to Assess an Individual's Sexual Arousal and Desire Inclinations)	Amity Business School	Dr. Jyotika Goyal

S.No	Name of the Programme / Conference / Award	Organising / Awarding Agency	Name of the Faculty
25	Joint National Conference on Emerging Trends in Education, Management, Social Sciences and Law (Effects of Traumatic Experiences in Children and Adolescents due to Sexual Violence: A Review of Literature)	Sharda University, Greater Noida	Dr. Jyotika Goyal
26	Reviewer of Research Papers presented in the 1st National Conference on emerging Trends in Science & Technology (Hybrid)	Government Engineering College West Champaran, Bihar, India	Dr. Payal Khurana
27	2nd International Conference on Advances in English Language Studies (ICAELS - 2023)	University of Engineering & Management, Jaipur	Dr. Shrutimita Mehta
28	Two Day International E-Conference on Exploring Crisis in Literary and Cultural Studies	Department of English, Central University of Rajasthan (CURaj), India	Dr. Shrutimita Mehta
29	International Seminar on Stories of Cultures (Un)Told: Truth, Reality and Knowledge Revisited	The Postgraduate and Research Department of English, Newman College, Thodupuzha, India	Dr. Shrutimita Mehta
30	4th International E-Conference on Exploring Crisis in Literary and Cultural Studies	Department of English, Central University of Rajasthan, India	Dr. Shrutimita Mehta
31	9" JGU International Literary Conference on "The Gender Question: Diverse Terrains; Multiple Views"	O.P. Jindal Global University, Panipat	Dr. Shrutimita Mehta
32	Global Trends in English Language, Linguistics and Literature	Department of English (SF) Holy Cross College (Autonomous), Tamil Nadu	Dr. Shrutimita Mehta
33	Science, Technology and Society: A Global Perspective	Shivaji University, Kolhapur	Dr. Shrutimita Mehta & Dr. Payal Khurana
34	STRIDE International Conference 2023	The NorthCap University, Gurugram, Haryana	Dr. Divyabha & Dr. Payal Khurana
35	Science, Technology and Society: A Global Perspective	Shivaji University, Kolhapur	Dr. Payal Khurana
36	Vachana Annual Conference on EcoSpective: Ecological Discourses in South Asia	Department of English and Cultural Studies, CHRIST, Bangalore, India	Dr. Shrutimita Mehta
37	International conference on Contemporary Perspectives in English Language, Literature and Cultural Studies	University Institute of Liberal Arts and Humanities, Chandigarh University, Punjab	Dr. Divyabha
38	Trends and future possibilities in humanities and social sciences	DIT University, Dehradun	Dr. Divyabha
39	Contemporary Perspectives in English Language, Literature and Cultural Studies	Chandigarh University, Punjab	Dr. Divyabha
40	National Conference on Contemporary Perspectives in English Language, Literature & Cultural Studies	University Institute of Liberal Arts and Humanities, Chandigarh University, Punjab	Dr. Divyabha
41	The Gender Question: Diverse Terrains; Multiple Views	English and Foreign languages, O.P. Jindal Global University	Dr. Divyabha
42	International Conference on Cultural Studies	Department of English, JPM Arts and Science College Labbakkada, Idukki, Kerala, India	Dr. Shrutimita Mehta
43	Socio - Economic Relevance in Science, Social Science and Commerce toward Sustainability	Govt. College for Women, Kadapa, Andhra Pradesh in collaboration with Global Foundation India	Dr. Payal Khurana
44	International Conference on Rhetoric of Resilience: Impact of Trauma on Language, Memory and Cultural Narratives	Shri Shankarlal Sundarbai Shasun Jain College for Women, Chennai	Dr. Chetna Karnani
45	Workshop on Structure Equation Modeling	Gurugram University, Gurugram	Dr. Chand Prakash

S.No	Name of the Programme / Conference / Award	Organising / Awarding Agency	Name of the Faculty
46	Embracing the Forte of SDGs in English Language and Literature: A Cognitive Perspective	SRM Institute of Science and Technology, Chennai	Dr. Gouri Kapoor
47	International Conference on Nature, Culture, Literature: Contemporary Perspectives	Mannar Thirumalai Naicker College, Madurai	Dr. Shrutimita Mehta Dr. Payal Khurana
48	New trends in Education, Teaching, Learning and Technology	Vidyasagar Teacher Training college, West Bengal	Dr. Shrutimita Mehta Dr. Payal Khurana
49	1st National Conference on Emerging Trends in Science and Technology	Government Engineering college, West Champaran, Bihar	Dr. Divyabha Dr. Payal Khurana
50	Two Day International Conference on ELT	Research and PG Dept. of English, St.Thomas College, Thrissur, Kerala	Dr. Divyabha Dr. Payal Khurana
51	Workshop on Research Proposal/Synopsis Writing & Formatting	Bundelkhand University	Dr. Neha Kumar
52	Workshop on Demystifying the art of research paper writing: workshop for beginners	IIHS Ghaziabad	Dr. Chand Prakash
53	Session chair at GLRC 2024 at 9th Global Leader Research Conference 2024	Amity Business School, Amity University, Noida	Dr. Chand Prakash
54	Session chair at ICESBD 2024	Amity School of Business, Amity University, Noida	Dr. Chand Prakash
55	Speaker at 15 days EDP for Professional Students at Gurugram Chapter of ICSI	The Institute of Company Secretaries of India	Dr. Parul Khanna
56	2 days International Conference on Achieving Sustainable Women Empowerment Through Education, Employment and Entrepreneurship (ICSSR Sponsored)	Thanthai Periyar Art and Science Government College, Tiruchipalli, Tamil Nadu	Dr. Saumya Sharma
57	Appreciation Award in Yuva Road Safety Summit 2024	Charan Sparsh Foundation	Dr. Lokesh Choudhary
58	Academic Research Scholarship Award 2024	The NorthCap University	Dr. Lokesh Choudhary
59	Best Paper Award in AI in Infrastructure Development and Sustainability Track of International Conference on Technological Innovation in Multidisciplinary Engineering and Sciences 2024	Department of Multidisciplinary Engineering, The NorthCap University	Dr. Lokesh Choudhary
60	Concrete Day 2023	Indian Concrete Institute	Dr. Lokesh Choudhary
61	Academia Excellence Award 24-25	The Institution of Engineers (India) Faridabad Local Centre (FLC)	Dr. Vandana Khanna
62	Award of Honour for Best Teacher	National EduTrust of India	Dr. Vaishali Sahu
63	Recognised among Top 1% Elite Candidates with a golden badge in Course "Design Thinking: A Primer"	NPTEL	Dr. Akanksha Mathur Dr. Lokesh Choudhary Dr. Satnam Singh
64	A Token of Appreciation for Programme Convener - Summer Internship cum Certification Programme on 'Learn JAVA programming: Beginner to Advanced Level'	The NorthCap University	Dr. Vandana Khanna
65	A token of appreciation for Resource Person in the 10 Days Training on "Empowering Future careers: Employability Skills Trainings"	IDP-NAHEP Cell in collaboration with CCS HAU Haryana	Dr. Anu Tonk
66	Appreciation Award Conferred to Chapter Faculty advisor for outstanding society year by ISHRAE Gurugram Chapter	ISHRAE Gurugram Chapter	Dr. Akanksha Mathur
67	National Conference on Multifunctional Advanced Materials (MAM-2024)	Amity University, Haryana held during 7th August - 9th August 2024.	Dr. Chetna Tyagi

S.No	Name of the Programme / Conference / Award	Organising / Awarding Agency	Name of the Faculty
68	Global visiting Professor for Summer	Asian University for Women (AUW) in Chittagong, Bangladesh	Dr. Pooja Punyani
69	Guest lecture on Cyber Crime Investigation and Overview of Cyber Crimes	Haryana Institute of Public Administration	Prof. (Dr.) Archana Sarma Mr. Himangshu Rathee
70	Moderator for three session on National Level FDP	Law Teachers India in collaboration with Gujarat Maritime University	Mr. Himangshu Rathee
71	Tech Talk on Regional Cyber Security Challenges	Deputy High Commissioner, Australian High Commission in collaboration with TechLegis Advocates & Solicitors	Prof. (Dr.) Archana Sarma
72	Workshop/Training on the 'Sexual Harassment of Women at Workplace (Prevention, Prohibition, and Redressal) Act,	S.D. Memorial Senior Secondary School, Gurugram	Prof. (Dr.) Archana Sarma Dr. Unanza Gulzar Mr. Himangshu Rathee
73	Awareness Session on New Criminal Laws	NIT Delhi	Prof. (Dr.) Archana Sarma
74	Judge for the Final Round of Intra- Department Moot Court Competition	Department of Law, Maharaja Surajmal Institute	Prof. (Dr.) Archana Sarma
75	Judge for the Final Round of National Extempore Moot Court Competition	Maharaja Agrasen Institute of Management Studies (MAIMS)	Prof. (Dr.) Archana Sarma

# Annexure 3 - Students' Achievements

S.No	Name of Award / Competition	Awarding Agency / Organised By	Type of Award (National / International)	Name of the Student(s)	Position / Prize / Award
1	Invictus - Robo- Soccer and Robo- Race	Delhi Technological University	National	Rahul Kr Sangwan Aayush Jindal Agastya Srivastava Aman Kumar	1st Position (Robo- Soccer); 3rd Position (Robo-Race); Cash Prize of ₹12,000
2	E-Summit 2024 Ideathon	LNM Institute of Information Technology, Jaipur	National	Jatin Dahiya Aryan Dahiya Jatin Gandhi Priyanka Nagpal	₹40,000, Gift Hampers, and Internship Opportunities
3	Code Sangam (36- hour Hackathon)	SGT University, Haryana	National	Jatin Dahiya Aryan Dahiya Jatin Gandhi	1st Position; Cash Prize of ₹15,000, Gift Hampers, Internship Offers
4	Outstanding Student Volunteer Award	IEEE Delhi Section	National	Nandini Pachauri	Outstanding Student Volunteer Award
5	1st Prize in Ideathon organised on National Space Day 2024	NCU in collaboration with ISRO	National	Shubh Yadav Sakshar Bhatnagar Shaksham Adhikari	First Position
6	2nd Prize in Ideathon organised on National Space Day 2024	NCU in collaboration with ISRO	National	Pulkit Kush Puneet Gulia Poorab Jain	Second Position
7	3rd Prize in Ideathon organised on National Space Day 2024	NCU in collaboration with ISRO	National	Prateek Yadav Shubham Sharma Shubham	Third Position
8	4th Prize in Ideathon organised on National Space Day 2024	NCU in collaboration with ISRO	National	Prachi Pragya	Fourth Position

S.No	Name of Award / Competition	Awarding Agency / Organised By	Type of Award (National / International)	Name of the Student(s)	Position / Prize / Award
9	Paper presentation - IEI regional Conclave	IEI	National	Aayush Kumar Amit Yadav Alvis T.	First Position
10	Technovation 2024	The NorthCap University	University/ National	Pulkit Batra	First Position
11	Technovation 2024	The NorthCap University	University/ National	Aayush Kumar Amit Yadav Alvis T.	Third Position
12	Jashn-E-Entrepreneur competition	Dr. SS Bhatnagar University Institute of Chemical Engineering & Technology, Panjab University, Chandigarh.	National	Utkarsh Singh Vishal Jain	Second Position
13	1st Edition of GCCIL- IBBI National Mock CIRP Competition	GNLU Centre of Corporate and Insolvency Law in collaboration with Insolvency and Bankruptcy Board of India	National	Sareesha Chawla	Runners Up
14	Nukad Natak Competition	Maharaja Agrasen Institute of Management, Delhi	National	(09 students of BBA LLB) Diksha, Khitez, Yash, Ujwal, Shreya, Manasvi, Shubham, Aryan & Prachi	Second Position
15	National Award on Club Outreach	UPES Dehradun	National	Aditya Yadav and Sareesha Chawla	First Position
16	DME National Moot Court Competition, 2024	Moot court Competition, Noida	National	Muskan and Khitez	Best Memorial Award
17	National-level IC HACK 2.0	Manipal University, Jaipur, organised by IEEE India Council	National	Vishal Jain Lakshay Yadav Utkarsh Singh Satyawan Yadav	First Position
18	National Productivity Week Celebrations	Haryana State Productivity Council	National	Palak Rohilla Pratham Jain Vishakha Srivastava	Runners Up
19	Microsoft AI Odyssey Challenge	Microsoft	National	Riya Sharma	Winner - Invited to attend the Microsoft Al Tour in Bengaluru
20	National Social Summit - Nukkad Natak on Sustainability and Empowerment	IIT Roorkee	National	Sareesha Chawla	First Position
21	ACEHACK 3.0 Techonquer CTF	University of Engineering and Management, Jaipur, Rajasthan	National	Prashant Kumar	First Position
22	Combined Defence Services Examination (CDSE-II)	Govt. of India	National	Akshansh Khokar	Rank 60th in the Indian Military Academy 11th in the Indian Naval Academy.
23	Code for Cause Hackathon	Quaere ETechnologies Pvt Ltd.	National	Prashant Choudhary Rashi Vats	lst position and a cash prize of ₹50,000/-

S.No	Name of Award / Competition	Awarding Agency / Organised By	Type of Award (National / International)	Name of the Student(s)	Position / Prize / Award
24	Students Awards Ceremony -	IEEE Delhi Section	University	Nandini Pachauri	Outstanding Student Volunteer Award
	Contributions to the IEEE Student Branch				JK Pal Memorial Award
25	WorldQuant International Quant Championship 2024	WorldQuant, a global quantitative asset management firm	International	Dhruv Agarwal	Top 20% of teams globally, and cash prize of \$35,000.
26	Rajasthan Police Hackathon 1.0	Rajasthan Police	National	Ananya Sharma Shubham Jain Arpita Samal	1st Runner-up

# Annexure 4 - Faculty Upskilling

S.No	Name of the Training Programme / Certification	Agency / Organisation	Name of the faculty
1	17th National Education Policy Orientation & Sensitization Programme	UGC-Malaviya Mission Teacher Training Centre	Dr. Samiksha Jain
2	Forensic Psychology	Udemy	Dr. Neha Jain
3	Case Study Development and Teaching through Cases	Research Cell, Institute of Management Studies, Ghaziabad	Dr. Samiksha Jain Dr. Harshita Jha
4	Personal & Academic Excellence and Sustainability - A Heartfulness Approach	School of Liberal Education, Galgotias University, Greater Noida, Uttar Pradesh	Dr. Samiksha Jain
5	Expressive Art Therapy Practitioners, Colour Therapy Practitioners, Art Therapy Practitioners	Hr'O' Hour	Dr. Samiksha Jain
6	Thematic Apperception Test	Psychosiksha	Dr. Samiksha Jain
7	Mixed Method Research Design (Qualitative Data Analysis And Structural Equation Modeling	Koach Scholar	Dr. Harshita Jha
8	NEP 2020 Orientation and Sensitization Programme (An Initiative for Quality Enhancement in Teaching Learning and Research)	Malviya Mission Teacher Training Programme (MM-TTP) of University Grants commission (UGC) organised by Iswar Saran PG college, Prayagraj	Dr. Payal Khurana
9	Medical Law	Swayam-NPTEL	Dr. Gouri Kapoor
10	Vulnerability Studies: An Introduction	Swayam-NPTEL	Dr. Gouri Kapoor
11	NEP 2020 Orientation and Sensitization Programme (An Initiative for Quality Enhancement in Teaching Learning and Research)	Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) organised by Kurukshetra University, Kurukshetra	Dr. Payal Khurana
12	Introduction to Indian Art: An Appreciation	Swayam-NPTEL	Dr. Gouri Kapoor
13	Guidance for writing an Effective Research Paper	IQAC Cell, Nimbus Academy of Management, Dehradun, Uttarakhand.	Dr. Payal Khurana
14	Empowering Academics through Al Tools	Career Development Cell, Gokul Global University, Siddhpur Gujarat	Dr. Shrutimita Mehta
15	Neuro-Linguistic Programming	GGU, Gujarat in collaboration with Nucleus of Learning and Development	Dr. Shrutimita Mehta
16	NEP 2020 Orientation and Sensitization Programme (An Initiative for Quality Enhancement in Teaching Learning and Research)	Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) organised by Kurukshetra University, Kurukshetra	Dr. Shrutimita Mehta

S.No	Name of the Training Programme / Certification	Agency / Organisation	Name of the Faculty			
17	Quantum Computing Basics Workshop - Rendezvous 2024	IIT Delhi	,			
	Dr. Shaveta Arora, Dr. Tamalika Chaira, Dr. Shraddha Arora & Ms. Sneha Kandacharam					
18	Introduction to C++	Coding Ninja				
	Dr. Poonam Chaudhary, Dr. Srishti Sharma, Dr. Megh Malik & Dr. Shaveta Arora	ına Sharma, Dr. Nishu, Dr. Swati Gupta, M	s. Vandana, Dr. Nidhi			
19	Speaker in Faculty Development Programme on "Design Thinking Journey: Unlocking Innovation"	MDE, NCU	Dr. Shaveta Arora			
20	National Workshop on Advanced Computing (Supercomputing, AI, Quantum Computing)	Manipal University, Jaipur	Dr. Monika Lamba			
21	Introduction to the Use of Artificial Intelligence in Higher Education	Cintana Education	Dr. Yogita Girgas			
22	Faculty Development Programme on "AI Evolution: From Foundations to Generative AI"	Association of Indian Universities & Sri Sri University, Odisha	Ms. Vandana			
23	Faculty Development Programme on "Effect of Generative AI in Modern Research and Industry"	Department of Computer Science, Sister Nivedita University, Kolkata	Ms. Akanksha Kaushik Dr. Nidhi Malik Ms. Neetu Singla			
24	Faculty Development Programme on Quantum Computing	CSE, NCU	Dr. Tamalika Chaira			
25	AWS Certified Cloud Practitioner	AWS	Dr. Neeti Kashyap			
26	Faculty Development Programme on Stress Management	ICT Academy	Dr. Monika Lamba			
27	Faculty Development Programme on 'Building Advanced Data Analytics Applications with Cloud'	Next Gen Employability Programme	Dr. Monika Lamba			
28	Faculty Development Programme on 'Microsoft Power BI Data Analyst Associate'	ICT Academy				
	Dr. Shaveta Arora, Dr. Srishti, Dr. Shraddha Arora, Dr	: Monika Lamba & Dr. Yogita Girgas				
29	Workshop cum Conclave on "Unnat Bharat: Nurturing Inclusive Development for Amrutkal"	RCI, IIT Delhi	Ms. Akanksha Kaushik			
30	Java Foundations	Oracle Academy	Dr. Aarti			
31	Equity Derivatives Series VIII	NISM	Dr. Parul Khanna			
32	Talent Acquisition and Management (NPTEL)	NPTEL	Dr. Saumya Sharma			
33	Regression Models	Johns Hopkins University, Coursera	Dr. Priyanka Banerji			
34	Talent Acquisition and Management (NPTEL)	NPTEL	Ms. Shikha Yadav			
35	Managing Emotions in Times of Uncertainty & Stress	Yale University - Coursera	Ms. Shikha Yadav			
36	Digital marketing Capstone, Digital Media and Marketing Strategies, Digital Media and Marketing Principles & The Digital Marketing Revolution	Coursera	Dr. Chand P. Saini			
37	Business Development From Start to Scale	NPTEL IIT Madras	Dr. Akshat Aditya Rao			
38	AI in Marketing	NPTEL IIT Roorkee	Dr. Akshat Aditya Rao			
39	Art of C Programming	Swayam Online Course certification	Dr. Aditya Sharma			
40	Certificate course in "Evolution of Parliamentary Practices and Procedures"	Institute of Constitutional and Parliamentary Studies	Mr. Himangshu Rathee			
41	Certificate course in "Parliament and the Media"	Institute of Constitutional and Parliamentary Studies	Mr. Himangshu Rathee			
42	C++ Programming for Beginners	GUVI Geek Networks	Dr. Rajni Rohila			

S.No	Name of the Training Programme / Certification	Agency / Organisation	Name of the Faculty		
43	Programming in Python	Swayam Online Course certification	Dr. Aditya Sharma		
44	Nanotechnology and Nanosensors, Part1	Israel Institute of Technology and offered through Coursera  Dr. Chetna Tyagi			
45	Faculty development Programme	Amity University Haryana	Dr. Chetna Tyagi		
46	Short Term training programme	Radhakrishna Institute of technology and Engineering	Dr. Chetna Tyagi		
47	Google UX Design Professional Certificate	Google	Dr. Bharti Arora		
48	Udemy course	Dummies guide to Practical Quantum Computing with IBM Qiskit	Dr. Bharti Arora		
49	Programming in Python	Swayam Online Course certification	Dr. Bharti Arora		
50	IEEE International Workshop	Electronics and Communication Engineering, National Institute of Technology Delhi	Dr. Aditya Sharma		
51	Understanding upcoming new changes, Binary Accreditation and its methodology in NAAC	IQAC	Dr. Bharti Arora		
52	Empowering Educators: Al tools for Engineering and Technology	Department of Chemical Engineering, CBIT Hyderabad.	Dr. Bharti Arora		
53	Empowering Educators: Al tools for Engineering and Technology	Department of Chemical Engineering, CBIT Hyderabad.	Dr. Aditya Sharma		
54	Udemy course	Dummies guide to Practical Quantum Computing with IBM Qiskit	Dr. Aditya Sharma		
55	Seven days Online Faculty Development Programme on Human Rights	IQAC of Dr. R.K.B. Law College, Dibrugarh, Assam	Dr. Unanza Gulzar Ms. Deborisha Dutta Mr. Himangshu Rathee		
56	National Faculty Development Programme on Web 4.0, AI and Legal Profession	Christ University	Dr. Tavleen Kaur Khurana Dr. Rituparna Bhattacharjee		
57	One week Faculty development Programme on Advanced Intellectual Property Rights	MNLU, Nagpur	Dr. Unanza Gulzar		
58	Online National Education Policy 2020 Orientation & Sensitization Programme	UGC - Malaviya Mission Teacher Train	ning Centre (Formerly HRDC)		
	Dr. Pallavi Bajpai, Dr. Rituparna Bhattacharjee, Ms.	Deborisha Dutta, Mr. Himangshu Rath	ee, Ms. Arushi Anthwal		
59	One Week Faculty Development Programme on "Advancing Legal Understanding - Embracing the Three New Criminal Laws	School of Criminal Law & Military Law, Rashtriya Raksha University, Gujrat.	Mr. Himangshu Rathee Ms. Arushi Anthwal		
60	Microsoft Azure Al Fundamentals (Al-900) Certification	Microsoft			
	Malik, Dr. Monika Lamba, Dr. Shraddha Arora, Ms.	Sharma, Dr. Poonam Chaudhary, Ms. Bhavana Sharma, Dr. Nidhi Vandana, Ms. Akanksha Kaushik, Dr. Swati Gupta, Dr. Nitin Malik, Dr. Anuradha Dhull, Dr. Yogita Girgas, Dr. Tamalika Chaira			
61	Data Structures using Java	Various Organisations			
		ak Khurana, Dr. Shilpa Mahajan, Dr. Nishi Gupta, Dr. Anuradha Dhull Monika Yadav, Ms. Akanksha Kaushik, Dr. Monika Lamba, Prerna Singhal & Ms. Kanika Gupta			
62	AWS Certified Cloud Practitioner	AWS			
		nam Chaudhary, Dr. Srishti Sharma, Dr. Prerna Singhal, Dr. Garima Ms. Monika Yadav, Dr. Namita Dhaiya, Dr. Yogita Girgas, Dr. Monika ushik & Dr. Nidhi Malik			

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