

About the university:

The NorthCap University (NCU) is a progressive multidisciplinary university located in the city-centre of Gurugram, Haryana. The university's rich heritage of 25+ years, 11000+ alumni and robust academic infrastructure enables deep linkages with government, industry and research bodies. The university operates three schools in its state-of-the-art urban campus and hosts a diverse student body in the disciplines of engineering & technology, management, liberal arts, law, and applied sciences.

NCU is a National Assessment and Accreditation Council (NAAC) Grade A accredited university that serves as a research and talent catalyst between students and industry. Guided by eminent academicians and industry leaders, it follows an immersive pedagogy to deliver undergraduate, postgraduate and doctoral programmes. The university is a comprehensive partner of Arizona State University (#1 university in the U.S. for innovation, outreach and stewardship). This strategic collaboration focuses on innovation, internationalisation and digitisation. NCU students enjoy summer immersion programme and accelerated master's programmes in the US given this partnership.

NCU is recognised by the University Grants Commission (UGC) and the Bar Council of India (BCI). It is a member of the Association of Indian Universities (AIU), member of the Association of Commonwealth Universities (ACU) UK, a member of the American Society for Quality and is accredited by Accreditation Services for International Colleges (ASIC), UK. With a 5-Star QS Ranking for Teaching, Employability, Academic Development, Online Learning and Inclusiveness, NCU ranks among the Top 30 Best Performing Universities as per Atal Ranking of Institutions on Innovation Achievements (ARIIA) rankings.

About the department:

The Department of Computer Science is one of the core departments of The NorthCap University offering BTech, BCA, MCA, MTech and PhD Programs. It was established in year 1996. There has been a Tech revolution sweeping across the world; the revolution that has brought phenomenon such as User Experience, Artificial Intelligence, Data Science, Internet of Things and Cyber Security. The department of Computer Science and Engineering is leveraging the invaluable opportunities created by this tech revolution and preparing the students to create their space in the most cutting- edge technologies serving across industries.

The key highlights of the department include:

- Domain Specializations in Latest Industry trends
- Academic Excellence through Curriculum Design & Teaching Pedagogy
- Blended and Hybrid teaching modalities with complete digital support for Online Learning
- Strong Industry and Alumni Connect

- Curriculum and Teaching Pedagogy in line with industry trends and needs
- Experiential Project Based Learning with Real Time Projects
- Excellent Student Placements and Higher Education Opportunities in Premier Universities
- Experienced and Well Qualified Faculty
- State-of-the-art Infrastructure with high end computing facilities
- International Tie ups
- Regular student counselling & guidance
- Strong Emphasis on Research
- Holistic development of students
- Cultivating Ethics and Social Responsibility towards Holistic Development of the Students

About the research conclave:

This research conclave will be a pivotal initiative aimed at fostering interdisciplinary collaboration and knowledge sharing among researchers, industry experts, and academicians across the globe.

It will help in the advancement of knowledge and research in the field of AI. It will also facilitate the dissemination of cutting-edge advancements and future trends in AI, offering a platform for researchers to discuss practical applications, ethical considerations, and societal impacts.

The research conclave is being organized with the following objectives:

- To highlight the ongoing research endeavours of various research groups in the field of Artificial Intelligence from institutions worldwide.
- Provide a platform for early-stage researchers to present their work, receive feedback, and gain visibility in the AI research community.
- Highlight practical applications of AI across different sectors, including healthcare, finance, education, and more.
- Address ethical considerations, fairness, transparency, and regulatory challenges associated with AI development and deployment.
- Provide a platform for participants to network, build professional relationships and facilitate connections between industry and academia for the exchange of challenges and solutions.
- Foster discussions and brainstorming through panel discussions sessions to tackle current challenges and devise innovative solutions in AI research and application.

Themes:

- Generative AI and Large Language Models
- AI in healthcare, business and finance
- Ethical AI
- Quantum AI
- AI in Education and Learning
- AI for sustainability
- AI in smart cities

- AI in creative industries such as gaming, AR and VR

Dates and Venue:

December 19th and 20th (Thursday & Friday)

The NorthCap University, Gurugram, Haryana-122017, India.

Activities:

Poster Presentation Sessions: Dedicated time for attendees to explore posters and interact with presenters.

Talks by Eminent Academicians and Researchers from Industry.

Hands-on Workshop by Industry Expert.

Panel Discussions: Interactive sessions with multiple experts discussing various aspects of AI / Generative AI.

Resource persons:

Ms. Sukanya, Scientist at Microsoft, USA.

Dr. Vivek, Senior Data Scientist, IBM.

Mr. Shivam, IEEE Computer Society 20 in 20s Honoree | Engineering Lead @ZS Associates

Prof. Kumkum Garg, Professor (Retd.), IIT Roorkee

Mr. Saptarshi Ghosh, Design Engineer at Intel, USA

Patrons:

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

Prof. Nupur Prakash, Vice-Chancellor

Program Convener:

Prof. Rita Chhikara, Head, Department of Computer Science and Engineering

Faculty coordinators:

Dr. Nidhi Malik
Assistant Professor
Department of Computer Science
And Engineering
The NorthCap University
nidhimalik@ncuindia.edu

Dr. Srishti Sharma
Associate Professor
Department of Computer Science
And Engineering
The NorthCap University
srishti@ncuindia.edu