5th International Conference on Computing, Analytics & Networks

ICAN 2025

POST-CONFERENCE REPORT

The 5th edition of Chitkara University's flagship engineering conference — the *International Conference on Computing, Analytics, and Networks (ICAN 2025)* — was successfully held at Chitkara University, Himachal Pradesh, on July 18, 2025. The conference was jointly organized by Chitkara University, Himachal Pradesh, and Chitkara University, Punjab.

Attended by nearly 200 delegates from various parts of the world, ICAN 2025 brought together a vibrant community of academicians, researchers, industry practitioners, and students from the fields of AI, Data Science, Information Technology, IoT, and more, fostering meaningful knowledge exchange.

The conference began with an inaugural address by Dr. Rajnish Sharma – Vice Chancellor, Chitkara University, Himachal Pradesh, and General Chair of ICAN 2025. He emphasized the importance of innovation, growth, and student engagement in shaping the future of technology, stressing that conferences like ICAN play a crucial role in fostering such engagement.

Dr. Sagar Juneja – Associate Director (Research), Chitkara University, Punjab, and Publication Chair & Convener of ICAN 2025 – shared key highlights of the conference with the delegates. A short video showcasing the history and legacy of ICAN since its inception in 2017 was also presented.

The inaugural ceremony featured three invited talks.

- Dr. Neeraj Goel (Associate Professor, CSE, IIT Ropar, India) spoke on *Computing for the Social Good: Opportunities in AgriTech*, presenting a case study and research work on smart cattle monitoring by his team.

- Dr. Lipika Dey (Professor, Ashoka University, India; Former Chief Scientist, TCS Research; ESP Speaker, ACM India) delivered a talk on *Agentic Systems*.

- Prof. (Dr.) Anirban Sengupta (Professor, CSE, IIT Indore) presented an expert talk on *Hardware Security and Its Need*.

Dr. Meenu Khurana – Pro Vice-Chancellor, School of Engineering and Technology, Chitkara University, Himachal Pradesh, and Local Organizing Chair of ICAN 2025 – proposed the vote of thanks.

Paper presentations were conducted in three tracks:

1. **Deep Learning for Secure and Intelligent Systems**

2. **AI in Healthcare**

3. **AI Techniques, Optimization, and Applications**

The presented papers will now be considered for publication in the *Journal of Transformative Technologies and Sustainable Development* [a Chitkara University publication in collaboration with Springer Nature].

Session chairs for the tracks were as follows:

- **Deep Learning for Secure and Intelligent Systems**: Dr. Rishu Chhabra (Professor & Dean, CSE, CUIET, Chitkara University, Punjab) and Dr. Ashutosh Kumar Dubey (Associate Professor, CSE, Chitkara University, Himachal Pradesh).

- **AI in Healthcare**: Dr. Mukil Alagirisamy (Asia Pacific University of Technology and Innovation, Malaysia), Dr. Subhanshu Goyal (Associate Professor & Head, Department of Mathematics, Marwadi University, Rajkot, Gujarat), and Dr. Abhishek Thakur (Associate Professor, CSE, Chitkara University, Himachal Pradesh).

- **AI Techniques, Optimization, and Applications**: Dr. S. M. Hasan Mahmud (Associate Professor, Daffodil International University, Bangladesh), Dr. Neetu Mittal (Professor, Amity Institute of Information Technology, Amity University, Noida), and Dr. Dileep Kumar (Associate Professor, CSE, Chitkara University, Himachal Pradesh).

Dr. Pradeepta K. Sarangi, Professor, CSE, Chitkara University, Himachal Pradesh, served as the overall coordinator for the paper presentation sessions.

An ACM-sponsored Student Symposium was also held alongside ICAN 2025, featuring poster presentations evaluated by Dr. Anuj Modgil (Consulting Manager, KPMG). The best posters will now be given the opportunity to publish their work in the *Journal of Technology Management for Growing Economies* [a Chitkara University publication], subject to peer review. The symposium was coordinated by Dr. Rani Kumari (ACM Student Chapter Mentor, SOET, Chitkara University, H.P.) and Dr. Hakam Singh (Assistant Dean, SOET, Chitkara University, H.P.).
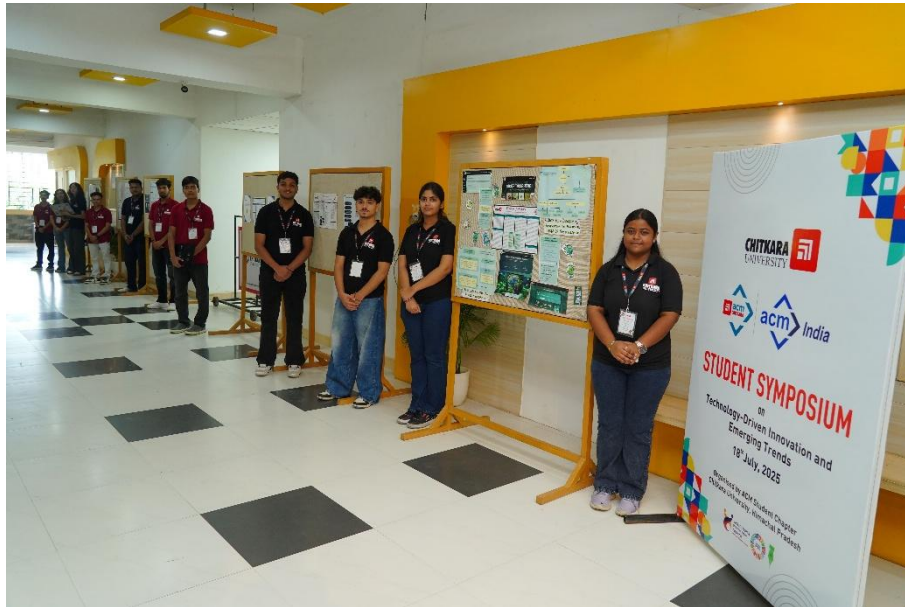
Certificates for Paper and Poster Presentations were awarded during the valedictory ceremony, which also witnessed the announcement of the Best Papers and Best Posters.

ICAN 2025 also featured three pre-conference workshops:

1. **Alpreneurship: Building the Future with Deep Learning Innovations** – organized in collaboration with EICT Academy, IIT Roorkee, from May 12 to 23.
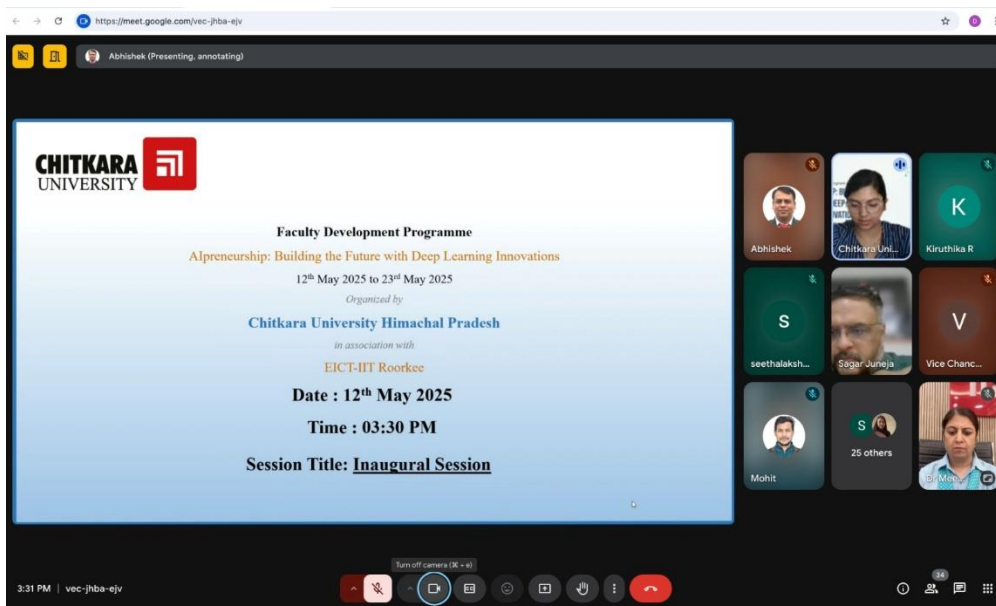
2. **Unlocking the Power of Machine Learning & LLM for Real-World Business Strategies** – conducted in collaboration with the Association of Indian Universities from May 20 to 26.

3. **Navigate to Publish: Ethics, AI, and Journal Selection** – a one-day tutorial held on June 26.
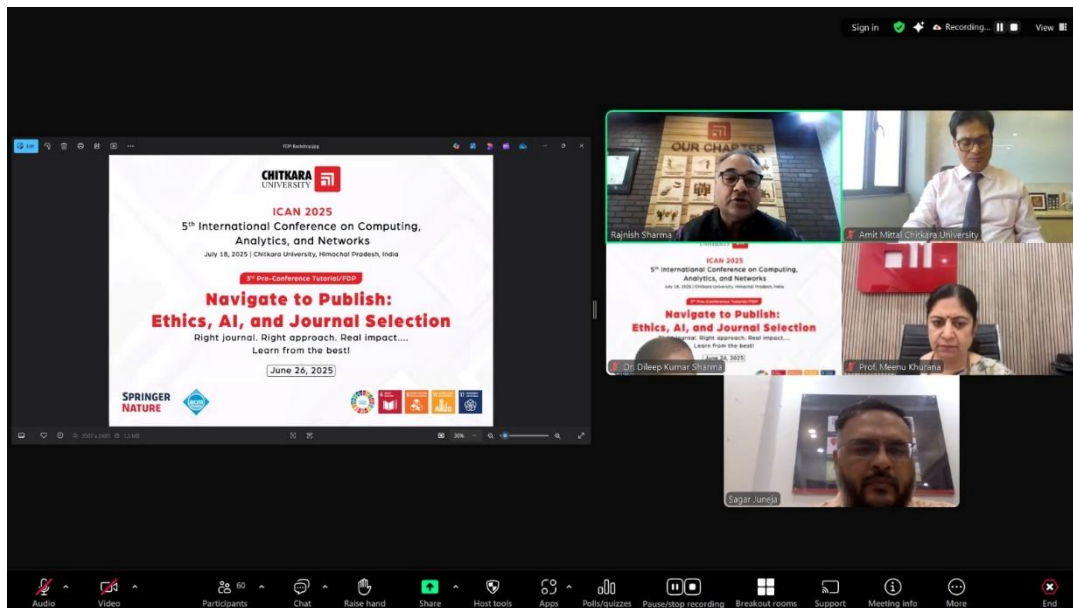
We extend our sincere thanks to the collaborators of ICAN 2025 for their support in organizing the conference: Asia Pacific University of Technology and Innovation, Malaysia; Daffodil International University, Bangladesh; Springer Nature; and the technical society chapters – ACM and IEEE.

Press Coverage of ICAN 2025