



SANKALP
SUSTAINABLE AI AND NEXT-GEN KNOWLEDGE,
AUTOMATION, LEARNING & PREDICTION

JKLU-SANKALP

2027

International Conference on Sustainable AI & Next-Gen Knowledge, Automation, Learning & Prediction



12 - 13 March 2027



Hybrid

ORGANISED BY

IET, JK Lakshmipat University, Jaipur, India

IN COLLABORATION WITH

Asia University, Taiwan



HOST INSTITUTIONS

About JKLU

JK Lakshmipat University (JKLU), Jaipur is a multidisciplinary University backed by one of India's most venerable industrial houses with a legacy of philanthropy and nation building spanning over 140 years. JKLU focuses on creating future-ready professionals through experiential learning, interdisciplinary education, and industry-integrated academic practices.

About Asia University, Taiwan

Since its inception in 2001, AU has rapidly emerged as a leading force in Taiwanese education, renowned for its creativity and international outlook. Through meticulous planning and innovative breakthroughs, AU has garnered recognition both locally and internationally, ranking among the top universities in the world.

ABOUT THE CONFERENCE

SANKALP 2027 is a premier international multidisciplinary conference aimed at bringing together distinguished academicians, researchers, industry leaders, innovators, policymakers, and students from across the globe to discuss advancements in emerging technologies, sustainable innovation, and intelligent future-ready systems.

The conference focuses on fostering collaboration between academia and industry while promoting impactful research and innovation in Artificial Intelligence, Data Science, Smart Systems, Sustainable Technologies, Intelligent Engineering, and Digital Transformation. The event will provide a dynamic platform for exchanging ideas, presenting cutting-edge research, and exploring technology-driven solutions to address global challenges.

KEY HIGHLIGHTS

- ▶ International Keynote & Plenary Talks
- ▶ Research Paper Presentations
- ▶ Industry Expert Sessions & Panel Discussions
- ▶ Startup & Innovation Showcase
- ▶ Industry-Academia Collaboration Opportunities
- ▶ Best Paper Awards & Networking Sessions

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SPEAKERS & ADVISORY BOARD

PLENARY & KEYNOTE SPEAKERS

Plenary	Prof. Ravi Vatrpu , Toronto Metropolitan University, Toronto, Canada
Keynote	Prof. Arun Patil , Director (L&T), Curtin University, Singapore
Keynote	Prof. Brij Gupta , Director, Centre for AI and Cyber Security, Asia University, Taiwan
Keynote	Dr. Naveen Sivadasan , Principal Scientist, TCS Research, IIT Hyderabad

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CALL FOR PAPERS

Researchers, academicians, industry professionals, and scholars are invited to submit original and unpublished research papers aligned with the JKLU-SANKALP 2027 conference themes below. All submissions undergo rigorous peer review by the Technical Program Committee.

Track 1: Sustainable AI, Intelligent Systems & Responsible Digital Transformation

- ▶ Green and energy-efficient AI
- ▶ Sustainable computing infrastructures & smart digital ecosystems
- ▶ Ethical, explainable, secure, and trustworthy AI
- ▶ AI for climate resilience and environmental sustainability
- ▶ Responsible innovation and digital transformation strategies

Track 2: Data Science, Generative AI & Knowledge Engineering

- ▶ Data science and big data analytics
- ▶ Generative AI and foundation models
- ▶ Knowledge engineering and cognitive computing
- ▶ Predictive modelling, forecasting, and decision intelligence
- ▶ AI-driven business intelligence and analytics

Track 3: High Performance Computing, Intelligent Networks & Emerging Technologies

- ▶ HPC and supercomputing
- ▶ Parallel, distributed, cloud, and edge computing
- ▶ Quantum computing and next-gen AI architectures
- ▶ IoT, AIoT, and smart connected systems
- ▶ Blockchain, decentralized intelligence & secure computing

Track 4: Smart Healthcare, Bioinformatics & Human-Centric AI

- ▶ AI-enabled healthcare and diagnostics
- ▶ Precision medicine and bioinformatics
- ▶ Wearable and connected health technologies
- ▶ Predictive healthcare analytics
- ▶ Human-centred AI for well-being and quality of life

Track 5: AI in Education, K-12 Learning & Future Workforce Development

- ▶ AI-driven personalized learning
- ▶ Intelligent tutoring and assessment systems
- ▶ AI applications in K-12 and higher education
- ▶ Educational data mining and academic intelligence
- ▶ Immersive learning environments, XR & metaverse in education

Track 6: Smart Society, Governance & Sustainable Innovation

- ▶ Smart cities and intelligent infrastructure
- ▶ AI for agriculture, rural development & public services
- ▶ E-governance and digital policy frameworks
- ▶ Disaster prediction, resilience & sustainability systems
- ▶ Social innovation and technology for inclusive growth

Track 7: VLSI, Semiconductor Technologies, Embedded Systems & Intelligent Engineering

- ▶ VLSI design and verification
- ▶ System-on-Chip (SoC) and FPGA-based system design
- ▶ Semiconductor devices, nanoelectronics, and chip technologies
- ▶ Embedded systems and real-time applications
- ▶ Hardware acceleration and low-power IC design
- ▶ Robotics, autonomous systems & cyber-physical systems



PUBLICATION OF PROCEEDINGS

Selected high-quality papers presented at JKLU-SANKALP 2027 will be considered for publication in the Springer Lecture Notes in Computer Science (LNCS) Series (Scopus-indexed – Approval Awaited). Extended versions of selected papers may also be recommended for publication in Special Issue of Scopus / SCI-indexed journals.

PAPER SUBMISSION

Papers must be original, unpublished, and formatted as per the conference template. Submissions should not be under review elsewhere and must not substantially overlap with prior publications.



Scan to Submit

For any paper submission related queries,
kindly email: cfp_sankalp@jklklu.edu.in

IMPORTANT DATES

Call for Papers Opens	19 August 2026
Full Paper Submission Deadline	31 October 2026
Notification of Acceptance	30 November 2026
Camera-Ready Submission	15 January 2027
Registration Deadline	1 February 2027
Conference Dates	12 - 13 March 2027

REGISTRATION FEES

Category	National (INR)*	International (USD)*
UG/PG Student & Research Scholar	₹7,500	USD 110
Academicians	₹9,500	USD 250
Industry Participant	₹12,500	USD 350
Delegates (Offline)	₹6,500	USD 150
Delegates (Online)	₹3,500	USD 100

*Additional 18% GST applicable

ABOUT THE VENUE

Located in the vibrant city of Jaipur, JK Lakshmipat University offers a modern academic environment with state-of-the-art infrastructure, research facilities, innovation labs, and collaborative learning spaces.

Contact

Sankalp Organising Committee

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📍 JK Lakshmipat University, Jaipur, India

