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Keynote Speakers Tentative List



Prof. B. K. Panigrahi

Indian Institute of Technology, Delhi

Mr. Yogesh Agarwal

Head of Asia Digital Business for ABB
Energy Industries, kuala Lumpur



Dr. Sanjeet Kumar Dwivedi

Senior Consultant,
Wind Energy Business RDT Engineers,
Denmark



The after-conference proceeding of the i-TRANS 2027
will be published in Scopus indexed Springer Book
Series, 'Lecture Notes in Networks and Systems'
(LNNS)



Scopus



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1st International Conference on Intelligent Transportation and Sustainable Systems

(i-TRANS 2027)

Hybrid Mode (In-person and Online)

Organized by

Department of Electrical Engineering

National Institute of Technology, Uttarakhand

&

Technically Sponsored by

Soft Computing Research Society



JANUARY **16-17** 2027

<https://scrs.in/conference/itrans2027>

WhatsApp Contact: +91-7457038903 (messages only)

Call for Paper

The topics covered (but are not limited to) in the conference are as follows:

Smart Infrastructure and Civil Engineering Aspects: Intelligent transport infrastructure, smart highways, pavement engineering, traffic flow modelling, infrastructure safety, and the use of GIS and remote sensing in transportation planning.

Sustainable Transportation and Mobility: Green transportation systems, low-carbon mobility solutions, public transport electrification, urban mobility planning, smart cities, and alternative fuel-based transportation systems. Role and Operation in Grids and Microgrids, Plug-in vehicles and low-carbon transportation alternatives, Power Electronics and motor control for EV Applications, Charging methods, systems and standards, G2V and V2G applications, Railway Traction applications, Battery use and reuse, Large-Scale Energy Storage, Wireless Charging Systems, Battery Management Systems

Grids, Smart Grids, Microgrids, and AC & DC: Role and Operation in Grids and Microgrids, Smart grids, Micro, Nano & Pico Grids, Power quality issues and power factor correction techniques, 6DC grids including fault coordination and protection, Hybrid DC circuit breakers (DCCBs), HVDC & FACTS

Energy Management, Electricity Market and Policy/ Regulatory Aspects: Electricity Market and Power System Economics, Grid Flexibility, Resiliency and security, Demand Side Management, Policies for Distributed Generation, Distribution Network Management, Electricity Trading and Risk Management, Energy Policy, Governance and Regulations, Flexing India's Energy System through Market Mechanisms, Economic, social and environmental policy aspects

Data Analytics & AI ML, Big Data and Cyber Security in Power Systems: AI, ML, and game theory applications, Cloud computing, Cyber security systems, Machine learning applications in power systems, Big data analytics in energy systems, Blockchain applications in smart grid, IoT Infrastructure for energy management in power system, Advanced Metering Infrastructure, Cyber & Physical Security of the Power Grid, Home Automation, Intelligent monitoring and outage management, Applications of Heuristics and Metaheuristics in Power Systems, Generation, Load & Price Forecasting

Power Electronics Components and Their Applications: Power Electronics and Drives, Power electronics converters and systems, Modular Multilevel Converters, Standard and advanced PWM techniques, Condition Monitoring, Electrical Machines, Industrial Automation and Control, Automatic and AI-based Control, Nonlinear Control, Mechatronics and Embedded Systems, Analysis, control, and design of electrical machines and drives, Design, and applications of wide band gap power electronic devices (SiC, GaN), Motor drive technologies for industrial applications, Health monitoring, predictive maintenance of electrical machines, and power converters

Intelligent Systems: Data pre-processing, Data clustering, Classification, Regression, Pattern recognition, Visualization, Time series forecasting, Optimization, Data Mining Techniques, Big Data Analytics.

ABOUT SCRS

To promote research in soft computing and allied areas, Soft Computing Research Society (SCRS) is established in 2013 with its headquarter in Delhi, India. Soft Computing Research Society is a non-profit, scientific swarm of the institutions/labs/researchers/scientists/research scholars/students/academicians/industry R & D persons interested in soft computing.

ABOUT NIT UTTARAKHAND

With rapid advancements in Science and Technology, the contemporary times demand immense contribution from young skillful minds, with a vision and aim to contribute towards efficient yet sustainable development. National Institute of Technology Uttarakhand- one of the thirty-one Institutes of National Importance in the country, abides by the aforementioned principle by constantly providing an encouraging environment for education and training of technical professionals as well as grooming the skills of the students through impeccable learning courses.

Established in 2009 under the Act of Parliament by the Ministry of Education (Shiksha Mantralaya), NITUK is the Technical Education Hub in the Green and Clean lap of the Himalayas, precisely located in the Land of the Gods (known as Dev Bhoomi), the state of Uttarakhand. With a peaceful and serene atmosphere that environs the institute, the students are motivated to achieve academic and technical excellence in the streams of their choice. It is noteworthy that NITUK is located on the banks of Alaknanda River in Srinagar (Garhwal), about 100 KM ahead of Haridwar and Rishikesh, two of the holiest pilgrimages in Sanatan Dharma and also known as the gateways to the "Chhota Char Dham". The impeccable geographical location boosts leaning and training as Haridwar, Rishikesh, and the mountains beyond have been the choice of Rishis and Munis since time immemorial and are the originators of rich old spiritual and intellectual establishment of glorious India [Capital of ancient Indian wisdom and university (known as Gurukuls)]. The Institute admits students to B. Tech. in Civil Engineering, Computer Science and Engineering, Electronics and Communication Engineering, Electrical and Electronics Engineering, and Mechanical Engineering through JEE Mains (formerly known as AIEEE) and to M. Tech. in all Engineering programmes through GATE, both the examinations conducted all over India by NTA. The Institute also offers Ph. D. in the streams of Engineering, Sciences, and Humanities. The peaceful, green and clean environment endows natural advantage to the institution and is greatly reflected in its excellent teaching-learning ambience, young and dedicated faculty, and significant contribution to research work and commitment to the community.

Registration Details

For more details visit [i-TRAN 2027 Registration Page](#)

Author Category	Registration (India)	Registration (Outside India)
Regular Author (Full length paper)	9000 INR + 18% GST	250 USD
Regular Author Full-Length Paper (SCRS Member/ NIT Uttarakhand)	8000 INR + 18% GST	200 USD
Regular Author (Only Abstract)	4000 INR + 18% GST	50 USD
Listener (Co-Author/General Participants)	3000 INR + 18% GST	50 USD
Listener (Co-Author/ General Participants) (SCRS Member/NIT Uttarakhand)	2000 INR + 18% GST	40 USD

Important Note

- Above 12 pages in the given Springer Format, there will be extra page charges (INR 500 per page for Indian Authors and USD 10 per page for Foreign Authors).
- Participants are encouraged to join the SCRS (www.scrs.in) to avail of the subsidized registration fees.
- Registration fee towards the conference includes online conference proceedings, presentation during the conference (online or offline), attendance to all the sessions, and keynote talks. The registration process is managed by Conference Services.
- Please note that the conference will be held offline on Day 1 only. All the offline participants have to manage their stay and travel on their own. Conference organizers are not responsible for travel and accommodation of the participants. Only tea/coffee, high tea, working lunch on Day 1 will be provided at the conference venue.
- Refund and Cancellation Policy: A candidate once registered and paid the registration fee is not allowed to cancel the registration. The registration fee for the conference once paid is not refundable.



Submission Last Date :
07 November, 2026

Notification of acceptance: December 17, 2026
Registration of accepted Paper: January 01, 2027

