

# 1<sup>st</sup> IEEE INTERNATIONAL CONFERENCE ON INTELLIGENT INSTRUMENTATION FOR SUSTAINABLE TECHNOLOGIES I3ST 2026

April 3 – 4, 2026 | Rourkela, Odisha, INDIA



Advancing Technology  
for Humanity

## CALL FOR PAPERS

**Submission Deadline : 30<sup>th</sup> November**

Visit Our Website at: <https://i3st2026.nitrkl.ac.in/>

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The First International Conference on Intelligent Instrumentation for Sustainable Technologies (I3ST 2026) aims to bring together researchers, industry practitioners, and innovators from around the world to advance the frontiers of measurement, sensing, control, and automation for a sustainable future. With rapid advancements in smart sensing, intelligent control, and data-driven decision-making, the conference provides a vibrant platform to exchange ideas, showcase cutting-edge developments, and explore solutions that bridge science, engineering, and societal needs.

Technically sponsored by the IEEE Instrumentation & Measurement Society - Rourkela Chapter and the IEEE Robotics & Automation Society Student Branch Chapter - NIT Rourkela, I3ST 2026 aims to will foster collaboration across domains such as precision agriculture, healthcare diagnostics, industrial automation, environmental monitoring, and renewable energy systems. By integrating innovations in AI/ML, quantum devices, cyber-physical security, and sustainable hardware design, the event will not only be a showcase of technical excellence but a call to action-uniting academia, industry, and policy stakeholders to drive the adoption of intelligent instrumentation as a cornerstone of global sustainability initiatives.

### Tracks

Track 1: Smart Sensors and Intelligent Instrumentation

Track 2: Sustainable IoT and Communication Technologies

Track 3: Advances in Intelligent Control, Robotics, and Mechatronics

Track 4: Innovations in Microelectronics, Circuits, and Devices

Track 5: Sustainable Technologies for Electrical Systems

Track 6: Applied Signal and Image Processing for Smart and Sustainable Instrumentation

### Important Dates

**Paper Submission Open : 1st September, 2025**

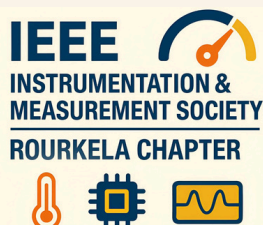
**Last Date of Submission : 30th November, 2025**

**Camera Ready Submission: 10th March, 2026**

Venue : NIT Rourkela, Odisha

\*\*All accepted and presented papers will be sent to IEEE Xplore for publishing with ISBN No. However, IEEE reserves the right to exclude a submission from distribution after the conference, including exclusion from IEEE Xplore, if submission does not meet IEEE standards for scope and/or quality. The conference is participatory. Atleast one author of each accepted paper will have to register to present the paper at the conference. The papers which are not presented at the conference, will not be included in the proceedings."

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