



Organised by

Department of Electronics and Communication Engineering  
& Department of Electronics and Computer Science

NARULA INSTITUTE OF TECHNOLOGY

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12<sup>th</sup> - 14<sup>th</sup> February, 2026



About SIGNASS 2026

The International Conference on Signal Analysis for Smart Systems (SIGNASS 2026) in technical collaboration with IEEE Kolkata Section aims to bring together researchers, academicians, industry professionals, and practitioners from around the world to share their latest findings, innovations, and advancements in the field of signal analysis and its applications in smart systems. The conference serves as a multidisciplinary platform for the exchange of ideas and collaborative exploration of emerging trends, challenges, and solutions in signal processing technologies that drive the development of intelligent, adaptive, and efficient systems. All accepted and presented papers will be published in IEEE Xplore.

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Track 1	Track 2	Track 3	Track 4
AI and Machine Learning for Signal Analytics	Advanced VLSI Architectures and Embedded Signal Systems	Digital Signal and Communication Processing in Smart Systems	Imaging, Computer Vision, and Multimedia Signal Processing
<ul style="list-style-type: none"><li>Deep learning for time-series and audio signals</li><li>Machine learning in sensor networks and IoT</li><li>Signal anomaly detection using unsupervised learning</li><li>Federated learning for distributed signal analysis</li><li>AI for biomedical signals (EEG, ECG, etc.)</li><li>Transformer models for sequence signal analysis</li></ul>	<ul style="list-style-type: none"><li>Signal processors in low-power VLSI systems</li><li>FPGA/ASIC solutions for real-time signal computation</li><li>Neuromorphic computing and edge AI chips</li><li>High-speed circuit design for multimedia signal processing</li><li>Hardware-software co-design in embedded smart systems</li><li>Signal-aware design of energy-efficient architecture</li></ul>	<ul style="list-style-type: none"><li>Adaptive and statistical signal processing techniques</li><li>DSP for 5G/6G wireless networks and smart antennas</li><li>Wireless signal propagation and spectrum analysis</li><li>OFDM, MIMO, and multi-carrier modulation methods</li><li>Signal processing for IoT and vehicular communications</li><li>Antenna design and beamforming for intelligent communication systems</li><li>Cognitive radio and dynamic spectrum access</li><li>Software-defined and reconfigurable radios</li></ul>	<ul style="list-style-type: none"><li>Deep learning for image classification and segmentation</li><li>Compressed sensing and signal reconstruction in imaging</li><li>3D vision, stereo imaging, and depth signal processing</li><li>Remote sensing and satellite image analytics</li><li>Visual signal processing in surveillance and smart cities</li><li>Image-based diagnostics in healthcare and autonomous systems</li></ul>

IMPORTANT DATES

- Commencement of Paper submission: 16.07.2025
- Full Length paper submission deadline: 14.10.2025
- Notification of Acceptance: 08.12.2025
- Camera Ready Manuscript Opening: 08.12.2025
- Camera Ready Manuscript Closing: 24.12.2025
- Early bird registration deadline: 18.12.2025
- Regular registration deadline: 09.01.2026
- Conference dates: 12.02.2026 to 14.02.2026

REGISTRATION	CATEGORIES	EARLY BIRD		REGULAR	
		IEEE MEMBER	NON-IEEE MEMBER	IEEE MEMBER	NON-IEEE MEMBER
	INDIAN AUTHORS				
	GRADUATE STUDENTS / RESEARCH SCHOLARS	₹ 5,000	₹ 6,000	₹ 6,000	₹ 7,000
	ACADEMICIANS	₹ 7,000	₹ 8,000	₹ 8,000	₹ 9,000
	INDUSTRY PROFESSIONALS	₹ 8,000	₹ 9,000	₹ 9,000	₹ 10,000
REGISTRATION		FOREIGN AUTHORS			
	GRADUATE STUDENTS / RESEARCH SCHOLARS	\$ 80	\$ 100	\$ 100	\$ 120
	ACADEMICIANS	\$ 100	\$ 120	\$ 120	\$ 140
	INDUSTRY PROFESSIONALS	\$ 150	\$ 170	\$ 170	\$ 190

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Paper Submission Link:  
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