



Call for Papers

Research Papers are invited in the areas of Micro/Nanoelectronics, Semiconductor Materials & Devices, Circuits, and Systems focused in the following conference tracks:

Micro/Nanoelectronics Devices: Device Physics, Quantum Electronics, Quantum Transport, Compact Device Modelling, LED, MOSFET, MESFET, FinFET, TFET, Beyond CMOS, III-V HEMT, Ga₂O₃ HEMT, SET, UWB Semiconductor Materials and Devices, 2D Materials: Graphene, Spintronics, Carbon Nanotubes. Application of AI and ML in Nanoelectronics Devices.

Nanotechnology: Nanowires, Nanostructures, Flexible Electronics, High Efficiency Solar Cells, Novel Photovoltaic Concepts, Energy Storage, Advanced Energy Materials, Advanced Electronic Devices, Advanced Interconnects, Optoelectronics and Photonics, Application of AI and ML is Nanotechnology.

Micro/Nanoelectronics Circuits: Analog VLSI Circuits, Digital VLSI Circuits, Mixed-mode VLSI Circuits, System on Chip (SoC), Bio-electronics Circuits, Circuit Optimization Techniques, Reconfigurable Circuits, HDL based FPGA Design, Testing and Verification, Packaging, Circuit Reliability, DSP based VLSI, Application of AI and ML is Micro/Nanoelectronics Circuits.

Micro/Nano Systems: MEMS/NEMS, Sensors, Actuators, Nanogenerator, Energy Harvester, Micromachining, Microfluidics, Lab-on-Chip, Health Care Systems, Embedded System Design, Biomedical Systems, IoT/IoE and Smart Systems, Robotics and Mechatronics, MEMS Packaging, System Reliability, Semiconductor Memories, Application of AI and ML is Micro/Nano systems.

Important dates

Full Paper Submission: **15 Oct 2025**

Format available online at:

<https://www.springer.com/us/authors-editors/conference-proceedings>

Notification of Acceptance: **15 Dec 2025**

Revised Paper Submission: **15 Jan 2026**

Highlights

- Keynote/Invited Talks from International/National Experts and Peer Networking, and Oral Presentations.
- Industry Sessions and Industry Exhibition.
- Oral Presented papers will be published in Springer LNEE.
- Conference Email: mndcs2026@nits.ac.in

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6th International Conference on Micro/Nanoelectronics Devices, Circuits, and Systems (MNDCS-2026)

<https://mndcs.nits.ac.in/>

29-31 Jan 2026

Hybrid Mode

About the Conference

The **6th Edition of International Conference on Micro/Nanoelectronics Devices, Circuits, and Systems (MNDCS-2026)** is scheduled during **29-31 January 2026** in Hybrid Mode at **Department of Electronics and Communication Engineering, National Institute of Technology Silchar, Assam, India** in association with **IEEE EDS NIT Silchar Student Branch Chapter, IEEE Nanotechnology Council Chapter and Northeast Chapter of VLSI Society of India**. The objective of MNDCS-2026 is to promote advanced research and developments in the areas of Micro/Nanoelectronics, Semiconductor Materials and Devices, VLSI Circuits and Systems. The conference aims to foster the theme through keynotes, invited talks, and Oral presentations of research articles in the most relevant areas allied to the theme of the conference. It'll also create an international platform to share research ideas, scientific thoughts and research problems among academicians, researchers, technologists and scientists.

Submission Guidelines

- Papers submission link:
Coming Soon
- The peer-reviewed and selected papers of the conference would be published in Scopus indexed Springer conference proceedings in "**Lecture Notes in Electrical Engineering (LNEE)**" series: <https://www.springer.com/series/7818>
- Selected papers will be published in Web of Science and Scopus Journals.





6th International Conference on Micro/Nanoelectronics Devices, Circuits, and Systems (MNDCS-2026)

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