



1st International Conference on Micro/Nanoelectronics Devices, Circuits and Systems (MNDCS-2021) 30-31 Jan 2021



About the Conference: The *Department of Electronics and Communication Engineering, National Institute of Technology Silchar, Assam, India* (www.nits.ac.in) in association with *IEEE ED NIT Silchar Student Branch Chapter* and *Institute Innovation Cell (IIC), NIT Silchar* organises *International Virtual Conference on MNDCS-2021* during **30-31 Jan 2021**. The objective of this conference is to promote advanced research and developments in the areas of Microelectronics, Nanoelectronics, Semiconductor 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.

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Call for Papers: *Topics of Interest Include (but are not limited to)*

Micro/Nanoelectronic Devices: Device Physics, Quantum Electronics, Quantum Transport, Compact Device Modeling, LED, MOSFET, MESFET, FinFET, TFET, Beyond CMOS, III-V HEMT, Ga₂O₃ HEMT, SET, UWB Semiconductor Materials and Devices, 2D Materials: Graphene, Spintronics, Carbon Nanotubes, Nanotechnology: Nanowires, Nanostructures, Flexible Electronics, High Efficiency Solar Cells, Novel Photovoltaic Concepts, Energy Storage, Advanced materials, Advanced Electronic Devices etc.

Micro/Nanoelectronic Circuits: Analog VLSI Circuits, Digital VLSI Circuits, Mixed-mode VLSI Circuits, System on Chip (SoC), Bioelectronics Circuits, Circuit Optimization Techniques, Reconfigurable Circuits, HDL based FPGA Design, Testing and Verification, Packaging, Reliability, DSP based VLSI.

Micro/Nano Systems: MEMS/NEMS, Sensors, Actuators, Nanogenerator, Energy Harvester, Micromachining, Microfluidics, Lab-on-Chip, Health care systems, Embedded System Design, Biomedical Systems, IoT and Smart Systems, Robotics and Mechatronics, MEMS Packaging, Reliability, Semiconductor Memories etc.

Important Dates:

- Full Paper Submission Deadline: Nov 30, 2020 (Full Paper of min 4 Pages)**
- Notification of Acceptance: Dec 15, 2020**
- Deadline for Revised Full Paper: Dec 31, 2020**

Paper Submission and Publication:

The submission Web page for MNDCS-2021 is

<https://easychair.org/conferences/?conf=mndcs2021>.

The accepted manuscripts would be published in Scopus/Web of Science indexed *Springer Conference Proceedings (Confirmation Awaited)*.

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