



IEEE SILCON 2023

2023 IEEE Silchar Subsection Conference

November 3-5, 2023 (*Hybrid Mode*)

IEEE Silchar Subsection came into existence on 2nd July 2021 with great efforts from the IEEE community at NIT Silchar and other IEEE Members from the North-Eastern India region. IEEE Silchar Subsection will have geographical reach over higher educational institutions in Assam, Tripura, Mizoram, Manipur, and Nagaland states of the North-Eastern Part of India in respect of activities of IEEE. The subsection works for creating opportunity and space in the line of IEEE mandate to advance technology for the benefit of humanity.

CALL FOR PAPERS

Authors can submit short (4 pages) and regular (max 6 pages) papers that contain original material which is not currently communicated in other conferences or journals and has not been previously published. Potential research topics include (but are not limited to) following thrust areas. After peer review, all accepted and presented papers of *IEEE SILCON-2023* will be submitted to *IEEE Xplore* for their inclusion and other major indexing. There will be a few workshops co-located with the conference. Proposals to organize workshops in-line with the theme and main conference are also encouraged. In addition, those interested in the conference are also encouraged to submit proposals for tutorials and PhD Forum.

This 3-day event includes several keynote speeches by distinguished speakers from academia, industry, and government sectors; panels and forums; technical sessions featuring technical papers; workshops focusing on the latest trends in various technology; tutorials delivered by experts in respective disciplines; exhibits; an awards luncheon; and a entertaining banquet. Also, there will be dedicated sessions on industry collaborations with academia and Women in Engineering (WIE).

TECHNICAL TRACKS

- Communication and Networking
- Signal Processing
- RF, Microwave and mmWave
- Micro/Nanoelectronics Devices and Circuits
- AI, Data Science & Computing
- Software Engineering
- Power System and Smart Grid
- Power Electronics and Drives
- Control and Instrumentation
- Humanitarian Technology & Engineering Education