

# 5th International Conference on Emerging Technology Trends in Electronics, Communication and Networking (ET2ECN)

Sardar Vallabhbhai National Institute of Technology Surat, India

April 3-4, 2026

Website link to be pasted here

# **Call for Papers**

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# Program Overview:

The 5<sup>th</sup> International Conference on Emerging Technology Trends in Electronics, Communication and Networking (ET2ECN) brings together researchers, industry experts, and academicians to share innovations, trends, and challenges in these dynamic fields. The event offers a platform for presenting original research, exploring cutting-edge technologies, and fostering interdisciplinary collaboration. Through keynote talks, paper presentations, and interactive sessions, the conference aims to advance knowledge and promote networking among professionals driving the future of communication and intelligent systems.

#### Call for Papers

Researchers, academicians and professionals are invited to submit papers in the following topics (but not limited to)

#### Communication Systems & Networks

Wireless Communication, 5G and Beyond Communications, Channel Modelling and Performance Analysis, Finite and Infinite Blocklength Transmissions, Optical Fibre and Photonic Communication, Localization Techniques in 5G, Radio Issues in Wireless Sensor Networks, Vehicle to Vehicle Communication, Vehicle to Anything (V2X) Communication Intelligent Reflecting Surfaces for 5G and Beyond, Protocols and Standards Spectrum Sharing and Management, Network Architectures, Software Defined Networking Network Security and Privacy, Next Generation Internet, Ad hoc and Sensor Networks, Use of Al/ML in Signal Processing.

VLSI Circuits and Systems, Low Power Design Techniques, CAD Tools and Methodologies, FPGA / ASIC Design, Testing and Verification in VLSI, Emerging Devices and Technologies in VLSI.

#### **Embedded Systems**

Intelligent Sensor Networks for Monitoring and Diagnosis, Sensor Networks in Automotive, On body Sensor Networks, IoT and Applications, Security Issues in IoT, Cloud Computing, Control and Dynamic Systems, Real time Operating Systems for Embedded Systems, Hardware Software Co design *RF and Microwave* 

Antennas and Propagation, RF Circuit Design, Microwave Devices and Components, Millimeter wave and Terahertz Technologies, EM Simulation and Modeling, Reconfigurable and Smart Antennas, Metamaterials for RF/Microwave Applications.

# Fabrication and Packaging

Semiconductor Device Fabrication, Nanoelectronics and Nanotechnology, MEMS and NEMS Design and Fabrication, 3D ICs and Advanced Packaging, Wafer Level Packaging, Reliability and Thermal Management in Packaging, Materials for Fabrication and Packaging

#### Signal Processing

Image / Video Processing for Autonomous Vehicles, 3D Image / Video Processing, Image Enhancement / Super Resolution / Restoration, Action and Event Detection / Recognition, Medical Image & Video Analysis, Remote Sensing, Hyperspectral Image Processing, Speech and Audio Signal Processing, Multirate and Multidimensional Signal Processing, Machine Learning for Signal Processing, Use of Al/ ML in Signal Processing.

## IMPORTANT DATES

Paper Submission Starts		15/10/2025
Paper Submission Deadline		15/01/2026
Notification of Paper Acceptance		28/02/2026
Early Bird Registration Last date		05/03/2026
FEE DETAILS		
Participant	Early bird registration Fees	Regular Registration Fees
Students / Research	INR 4000 + 18% GST	INR 5000 + 18% GST

#### About the Institute

This Institute was established in 1961 as one of the RECs for imparting technical education in Civil, Mechanical and Electrical Engineering. In exercise of the powers conferred by section 3 of the University Grants Commission (UGC) Act, 1956, the Government on the advice of the University Grants Commission, has declared the Sardar Vallabhbhai Regional College of Engineering & Technology (SVREC), Surat to Sardar Vallabhbhai National Institute Technology (SVNIT), Surat with status of "Deemed University" with effect from 4th December 2002. The Institute has been granted the status of 'Institute of National Importance' w.e.f. Aug. 15, 2007. At present, the Institute is offering Eleven UG Programmes, one integrated B.Tech+ M.Tech Dual Degree programme in Al, Nineteen PG Programmes and Three M.Sc. Five Years Integrated Programme including doctoral programme in all above branches.

#### About the Department

Department of Electronics Engineering was established in the year 1982. The department offers B. Tech. program in Electronics and Communication Engineering with an intake of 140, B.Tech in Electronics and VLSI with an intake of 60, M. Tech (Communication Systems and VLSI & Embedded System) with an intake of 30 each and Ph. D. with a current strength of 50 research scholars. The department also offers Minor degree in Electronics Communication and Engineering for UG students to explore interdisciplinary knowledge. research is carried out in various fields of Electronics and Communication Engineering such intelligence, machine learning, signal processing, wireless communication, microwave and optical communication, sensors, micro-nano devices, etc. Currently we have 27 skilled and experienced faculty members of various domains Electronics Engineering.