

SCEECS 2026 MANIT, Bhopal

The list below includes the papers selected for offline presentations at SCEECS 2026, scheduled on 31st January and 1st February 2026. The detailed presentation schedule will be announced at MANIT, Bhopal, following the inaugural ceremony on 31st January. Kindly ensure your presence at the venue for further updates.

CSE

S.NO.	PAPER ID	TITLE
1	476	A Patch-Based Transformer Framework for High-Accuracy and Efficient Short-Term Load Forecasting
2	432	Selective Clustering Based Deep Learning System for Early Skin Cancer Detection Using ISIC-2020 Dataset
3	517	A Detailed Experiment Based Review on the Segmentation Models Used in Medical Images
4	740	IWSAR: Intelligent Website Security and Anomaly Response
5	780	A Review on Wearable ADM for Metabolic Health Assessment
6	800	Brain-Computer Interface Based Mental Workload Classification: Utilizing EEG Signal and N-Back Test Experiment
7	301	Artificial Intelligence in Neurodiagnostic: Safeguarding Ethical Standards in Migrant Mental Health Care
8	426	Optimization Accuracy of Sentiment Analysis for Twitter Data using LSTM Model
9	806	Cattle Breed Classification Using Superpixel-Driven Graph Neural Network
10	477	Demosaicing of Microscopic Vine Wood Images Using Plug-and-Play Proximal Graphical Models
11	200	"VirtuScribe : Brain-to-Text Intelligent Note-Taking Assistant for Meetings"
12	189	HiDeNET: Hybrid Deep Neural Architecture for Multilevel Sentiment Classification of Cryptocurrency Comments

SCEECS 2026 MANIT, Bhopal

ECE:

S.NO.	PAPER ID	TITLE
1	478	A Lightweight Deep Learning Architecture for Accurate and Efficient Short-Term Load Forecasting
2	299	Design and Analysis of 6T SRAM using MTCMOS and Adaptive Body Biasing (ABB) for Low-Power, High-Performance Operation at 45nm in Cadence Virtuoso
3	738	Flexible Analytic Wavelet Transform based analysis of Stress EEG signals
4	778	Design of a High Performance Energy -Efficient 4:2 Compressor Using Modified XOR-XNOR Logic
5	849	Architectural Assessment of a CIM-OR hard-block for FPGAs
6	554	Analysis of Asynchronous Up/Down Counters Using Conventional and Reversible Logic Gates
7	272	"Automated and Optimized Design-for-Testability Implementation and Pattern Validation on Benchmark Circuits S38417 and RISC-V PicoRV32"
8	583	Review of Machine Learning Techniques for Enhancing WDM-RoF System Capacity and Performance
9	770	Design and Analysis of Circular Patch Based Circularly Polarized Wideband Antenna for K-band applications
10	560	A Configurable Approximate CAM with Prefix Filtering and Segmented Match-Line Evaluation
11	564	Hardware Software Co-Design of a CNN Accelerator for Real Time Image Classification

**SCEECS 2026
MANIT, Bhopal**

12	565	Design of a Metasurface-Based Circularly Polarized Patch Antenna for Operation in the C and X Bands
13	274	Performance Optimization of Dual-Mode Wideband SIW Slot Antenna Using ANN-Based and Machine Learning Algorithms for 5G Applications
14	693	Investigation and Design of a Full Adder (FA) circuit from 3T XOR and Mux logic at 45 nm node for Low Power VLSI Circuits
15	574	Design of Rectangular Slotted Microstrip Patch Antenna for 5G Applications at 26GHz
16	717	A U-Net-Based Deep Learning Framework for Breast Ultrasound Lesion Segmentation
17	796	Enhancement of 6T CNFET SRAM Performance: A Comparison of Traditional and Stacking Methods in 45nm Technology
18	783	Low-Power 4-Bit Array Multiplier with Hybrid PTL- CMOS Logic
19	165	Terahertz CSRR Loaded Patch Antenna for Breast Cancer Cell Detection
20	815	Design and Simulation of a Power-Aware Advanced ALU with Interrupt-Driven FSM for Real-Time Health Monitoring.
21	826	Automatic Sleep Apnea Detection Using 1D CNN-BiLSTM on Single-Lead ECG Signals

**SCEECS 2026
MANIT, Bhopal**

EE:

S.NO.	PAPER ID	TITLE
1	551	A Novel Lower-Device Count 9-Level Asymmetrical MLI for PV Application
2	801	Minimize THD of seven level three phase buck converter for Electric Vehicles
3	496	A Soft-Switched CUK Converter Design and Analysis
4	553	Smart Energy Management Framework for Optimal Integration of Renewable Energy in Modern Power Systems
5	562	Fault Diagnosis and Isolation in Electric Vehicles: A Comprehensive Review
6	220	Elasticity-Driven Hybrid Demand Response with Rooftop PV: Enhancing End-User Profitability and Peak Reduction in Residential Smart Grids
7	570	INTEGRATED OPTIMIZATION FRAMEWORK FOR PV, EV, AND DEMAND RESPONSE IN SMART HOMES

**Highlighted paper IDs must complete their registration before the presentation*