



**10<sup>th</sup> IEEE International Students' Conference on  
Electrical, Electronics and Computer Science**



**SCEECS 2025  
MANIT, Bhopal**

**G-Meet Link:** [ejs-kahu-rht](https://ejs-kahu-rht)

**DATE :** 18-01-2025

**TIME :** 11:45 AM - 01:45 PM

**DISCIPLINE:** EE

**SLOT NO :** EE V1

**SESSION:** 1

S. NO.	PAPER ID	TITLE
1	9	An extensive critique of various modern optimization techniques for electric vehicles and their applications
2	10	Key Gas Analysis – Comparison of Methodology to promote Mixed Oil Insulation for Transformers
3	14	A Review of Various Optimization Techniques for the Selection of Insulating Fluids in Power and Distribution Transformer Applications
4	16	An extensive critique on advances in digital control techniques for smart grid and microgrid operation
5	20	Optimization Strategies for Interior permanent magnet Motors in Electric Vehicle Propulsion: Maximizing Average Torque, Minimizing Ripple Torque through Parameter Modification
6	23	Optimizing Torque in Synchronous Reluctance Motor: A Parameter-Based Analysis
7	24	Integrated Electromagnetic, Thermal, and Vibration Analysis for High-Performance Synchronous Reluctance Motor Design in Electric Vehicle Applications
8	38	Evaluating Optimization Strategies for Hybrid Renewable Energy Systems in Power Generation: A Critical Review
9	42	Towards Sustainable Energy: Reducing Interface Defect Density in PCBM/CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> /AgSCN Perovskite Solar Cells.



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**SCEECS 2025  
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**DATE : 18-01-25**

**TIME : 11:45 AM - 01:45 PM**

**DISCIPLINE: EE**

**SLOT NO : EE V2**

**SESSION: 1**

S. NO.	PAPER ID	TITLE
1	60	Impact of Electric Vehicle Integration on Power Grids: A Comprehensive Review
2	84	Minimize THD of Variable Load Conversion based Wind Energy System using Three-phase Converter
3	85	Minimization of Harmonic for Grid Connected Hybrid Wind and Solar Power System
4	102	Optimized Electric Vehicle Charging with Intermittent Renewable Energy Sources
5	106	Decentralized and Distributed Control Strategies for Microgrids: A Review of Key Techniques and Applications
6	117	Artificial Intelligence based Anomaly detection in Distributed energy resources for smart grid
7	121	Wireless Charging Technologies for Electric Vehicles: State of the Art and Future Outlook
8	138	Analysis of Rotor Flux Barriers in SynRM for Performance Enhancement in Traction Applications
9	173	A Survey on Application of Computational Technique for Two Area Interconnected Automatic Generation Control in Power System Using PSO - PID



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**SCEECS 2025  
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**G-Meet Link:** [{edm-yzcv-dyx}](#)

**DATE : 18-01-2025**

**TIME : 02:45 PM - 05:00 PM**

**DISCIPLINE: EE**

**SLOT NO : EE V3**

**SESSION: 2**

S. NO.	PAPER ID	TITLE
1	301	Biogas Resource Estimation for Different Temperature Zones in India using a Thermal model
2	340	Economic And Emission Load Dispatch Using Modified Particle Swarm Optimization
3	372	Price-sensitive Energy Management System for Grid-tied PV-battery-based EV Charging Station
4	420	Design of Hybrid Photo-Voltaic Array Reconfiguration for Dynamic Shading Conditions
5	429	Fall Detection System for Elderly People using Piezoresistive Textile Pressure Sensor
6	472	Demand Response Strategies in Microgrids with Electric Vehicle Loads
7	889	On Road Wireless Electric Vehicle Charging Prototype using Solar Panel
8	567	Mechatronic Design and Fabrication of Aerogenerator composed of Vertical Axis Wind Energy Station with Helical Blades
9	699	Bidirectional Hybrid Wired/Wireless charging system for Electric Vehicle applications



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**SCEECS 2025  
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**G-Meet Link:** [jdp-dscf-icc](https://jdp-dscf-icc)

**DATE :** 18-01-2025

**TIME :** 02:45 PM - 05:00 PM

**DISCIPLINE:** EE

**SLOT NO :** EE V4

**SESSION:** 2

S. NO.	PAPER ID	TITLE
1	715	Design and Simulation of Improved Fast Charging Technique for Modern Electric Vehicle
2	720	Bidirectional Matrix Converter based Versatile Wireless Power Flow System for G2V and V2X Operation
3	724	Design and Implementation of a High-Efficiency T-Type Inverter based 3.7 kW Wireless EV Charging Applications
4	748	Review on Enhancing Electric Vehicle Performance and Sustainability through Advanced Motor Technology and Thermal Management
5	761	Review on Advanced Navigation and Payload Systems for Underground Drone Operations
6	771	Performance Analysis of Dynamic Wireless Power Transfer Technique for Electric Vehicles
7	802	Performance Evaluation of a 3-Ø Grid-Interfaced 100 kW Solar Photovoltaic System
8	1780	Different MPPT Algorithms for DC-DC Converter
9	835	Analysis of Lidar Signal Noise Reduction in Power Spectrum Density (PSD) estimation using Filters
10	1226	Management of distribution system voltage using solar inverter-a case study of rural feeder



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**SCEECS 2025  
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**G-Meet Link:** [{zsg-vpzh-jrv}](#)

**DATE :** 19-01-2025

**TIME :** 09:30 AM - 11:30 AM

**DISCIPLINE:** EE

**SLOT NO :** EE V5

**SESSION:** 3

S. NO.	PAPER ID	TITLE
1	525	Experimental Realization of Single Phase 5-Level Switched Symmetrical Multilevel Inverter using OPAL-RT
2	913	Smart Environmental Monitoring System for Air and Water Quality Index
3	914	Face Recognition CCTV for Automated Attendance Tracking
4	968	Advanced Wearable Mine Safety System with Enhanced Communication
5	1043	Intelligent control algorithms for industrial automation systems
6	1045	Synergistic Energy Integration: Power Generation, Biofuel Production and Methane Pyrolysis
7	1081	Real-Time Performance Assessment of Electric Vehicle Charging Stations with RTDS
8	1148	Optimization of Nusa Penida Electrical System: A Simulation Approach for Cost and Emission Reduction
9	1220	Grid-to-Vehicle (G2V) and Vehicle-to-Grid (V2G) in Hybrid AC/DC Microgrids
10	926*	Smart Living With Digireflect: An IoT Platform for Efficient Task Management

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



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**SCEECS 2025  
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**DATE : 19-01-2025**

**TIME : 09:30 AM - 11:30 AM**

**DISCIPLINE: EE**

**SLOT NO : EE V6**

**SESSION: 3**

S. NO.	PAPER ID	TITLE
1	1281	Sustainability Effectiveness using Lean Manufacturing Tools for Production Engineering on Metal-mechanic Industry: A Systematic Review
2	1297	Automated Coconut Cutting Machine
3	1359	Performance Analysis of Fractional Wireless Power Transfer Systems via Scattering Parameters
4	49	Defect Control and Thickness Optimization in Zn <sub>2</sub> P <sub>3</sub> /(FA) <sub>2</sub> BiCu <sub>6</sub> /WO <sub>3</sub> Perovskite Solar Cells: A Path to Sustainable Energy.
5	177	AUTOMATED PESTICIDE SPRAYER USING SMART AGRIBOT
6	1383	Design of Resonant Converter for Light Electric Vehicle Applications
7	1479	Enhancing Renewable Energy Integration: An Analysis of Bidirectional Converters And Multilevel Inverter Technologies
8	1498	A Multi-Feature Analysis of Electric Vehicle Performance Using Statistical Techniques
9	1527	A Trapezoidal-Structured Switched-Capacitor Balancing Circuit for Li-ion Battery Energy Storage System



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**SCEECS 2025  
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**DATE : 19-01-2025**

**TIME : 11:30 AM - 01:00 PM**

**DISCIPLINE: EE**

**SLOT NO : EE V7**

**SESSION: 4**

S. NO.	PAPER ID	TITLE
1	1606	Design and Analysis of a Smart Irrigation Control System
2	1737	Variable Frequency Switching Scheme for THD Reduction with 13-level Symmetrical Inverter under Test
3	1740	SCADA Based Centralized Power Management System for Grid-Connected Microgrid
4	807	INDUCTION MOTOR CONTROLLER AND PROTECTION SYSTEM
5	1794	Analysis of Soiling Impacts on 100 kWp Rooftop Solar PV Plant
6	712	Critical Contingency Assessment of a 150/275 kV Interconnected Power System
7	873	Implementation of Automatic Braking System in Electric Vehicles
8	1267	Designing a smart drinking vessel utilizing UV sterilization for water purification
9	1568	A Comparative Study of Speed Control Techniques for PMSM using in EV Applications



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**SCEECS 2025  
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**DATE :** 18-01-2025

**TIME :** 11:45 AM - 01:45 PM

**DISCIPLINE:** ECE

**SLOT NO :** ECE V1

**SESSION:** 1

S. NO.	PAPER ID	TITLE
1	34	GPS Based Electronic Toll Collection System with Energy Harvesting Capability
2	70	DeepSDC: An Efficient Deep Neural Network based Spinal Disease Classification using ResNet152 Model.
3	78	Analysis of CAD tools in VLSI Physical design
4	105	Design & Analysis of a Three-Stage Latched Comparator
5	135	An FFT Accelerator IP Core Implemented on FPGA
6	259	ADVANCEMENTS OF QUANTUM DOT CELLULAR AUTOMATA: A COMPREHENSIVE SURVEY
7	282	ADVANCED PHOTONIC CRYSTAL FIBER SENSOR DESIGN FOR EFFICIENT AIR POLLUTION DETECTION
8	294	Automated Waste Segregation: Transforming Scrap Processing in the Recycling Industry
9	314	Anti-Spoofing: A Bio Finger Print Recognition Method using Pattern Matching Algorithm.
10	337	Design of a M-shaped microstrip patch antenna for ISM band of applications
11	383	Automatic Pesticide Spraying Drone





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**DISCIPLINE: ECE**

**SLOT NO : ECE V2**

**SESSION: 1**

S. NO.	PAPER ID	TITLE
1	426	DEVELOPMENT OF ROBOTIC ARM FOR FRUITS AND VEGETABLES SORTING
2	444	Design and Development of a High-Efficient Nanowire FET for Emerging Logic Devices
3	450	Towards Low-Complexity VVENC Encoding: Challenges, Strategies, and Solutions
4	451	Haptic Social Connectivity and Navigation: Smart Glasses for Enhancing Interaction Among the Visually Impaired Haptic Social Connectivity and Navigation: Smart Glasses for Enhancing Interaction Among the Visually Impaired Haptic Social Connectivity and Navigation: Smart Glasses for Enhancing Interaction Among the Visually Impaired
5	481	Laser Triangulation and Optical Computed Tomography 3D Scanner
6	503	IoT-Enabled Smart Helmet System for Enhanced Road Safety and Accident Prevention
7	517	Performance Analysis of MAC Unit with Various Parallel Adders
8	556	Implementation of Quadrant based Dual-Beam Laser Interference Lithography Technique
9	571	Conceptual Mechatronic Design of Robotic System for Lower Limb Rehabilitation in Post-Stroke Patients using the VDI 2206 and VDI 2225 Standard
10	574	Tawna Yachaq an Intelligent System for the safe movement of people with visual disabilities
11	637	A Review Analysis – RO Waste Water Management System with Home Automation using Green Energy.



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**DATE : 18-01-2025**

**TIME : 02:45 PM - 05:00 PM**

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**SLOT NO : ECE V3**

**SESSION: 2**

S. NO.	PAPER ID	TITLE
1	639	Design and Testing of Unmanned Surface Vehicle with Water Sampling Mechanism for measuring Water Quality
2	661	Smart Cap Design For Visually Impaired
3	666	A compact quad-band planar antenna for LoRa IoT applications
4	689	ECOSMART HOME
5	694	IoT Driven Transformer Condition Assessment
6	709	PERFORMANCE ANALYSIS OF ANTENNAS FOR UNDERWATER APPLICATIONS
7	734	RFID based Automatic Pathway for Emergency Vehicles
8	739	IoT Enabled Intelligent Parking Solutions for Modern Cities
9	747	Hydro-Environmental Autonomous Cleaning System (HEACS)
10	764	STUDY OF THE MOVEMENTS OF ACTIVE UPPER LIMB PROSTHESES
11	828	Sign Language Recognition with Image Processing using Deep Learning LSTM Model



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**SCEECS 2025  
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**DATE : 18-01-2025**

**TIME : 02:45 PM - 05:00 PM**

**DISCIPLINE: ECE**

**SLOT NO : ECE V4**

**SESSION: 2**

S. NO.	PAPER ID	TITLE
1	910	Marine Robot for Underwater Surveillance
2	974	Smart Fault maintenance and Pay-Activated Laundry System
3	990	Multimodal Emotion Analysis Using Attention-Based Neural Networks
4	1006	OMR SHEET ANALYSING USING COMPUTER VISION
5	1022	Intelligent Rail Sentinel: A perspective of Indian Railway
6	1035	Deep Insights of Negative Bias Temperature Instability (NBTI) Degradation
7	1046	Wireless EV On Road Charging System (WEVOS)
8	1116	Design Of Robust Controller for Ball and Beam
9	1173	Efficient Algorithm Analysis of kidney images on FPGA
10	1230	UV Exposure Real-time Monitor for Skin Protection
11	436	FPGA-Implemented Reconfigurable Logic Locking Using N-Stage Delays for Obfuscation



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**DATE :** 19-01-2025

**TIME :** 09:30 AM - 11:30 AM

**DISCIPLINE:** ECE

**SLOT NO :** ECE V5

**SESSION:** 3

S. NO.	PAPER ID	TITLE
1	1240	Object Detection for Assisting Blind Individuals Using ESP32-CAM and GPS
2	1241	Fog Vision for Roads and Rails
3	1261	Advancements in Public Access to Satellite Weather Data: RF Signal Reception and Data Interpretation using NOAA 18 and NOAA 19 Satellites
4	1277	Next-Generation Embedded Systems with Synergies VLSI with Deep Learning: Design Methodologies, Optimization Techniques, and Real-World Applications
5	1279	SmartLib: Automated Library Management with RFID and Mobile Alerts
6	1286	IMPLEMENTATION OF BAUGH-WOOLEY MULTIPLIER USING HYBRID FULL ADDER
7	1291	A Deep Learning Technology Based UPQC To Enhance The Power Quality Problems In Grid Integrated To Solar Photovoltaic System
8	1293	LifeSaver: Predictive Load Limit Estimation for Transport Vehicles in Hilly Areas
9	1314	Helmet and Equipment Detection With Worker's Mobility Tracker In Mining Sector Using YOLOv8 And LSTM
10	1346	Saline Level Monitoring System
11	1489	Performance Enhancement of 6T SRAM : A Comparative Study of Conventional and Stacking Techniques in 45nm Technology using cadence virtuoso



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**DATE :** 19-01-2025

**TIME :** 09:30 AM - 11:30 AM

**DISCIPLINE:** ECE

**SLOT NO :** ECE V6

**SESSION:** 3

S. NO.	PAPER ID	TITLE
1	1369	DESIGN OF LOW POWER TG BASED FINFET D-FLIP FLOP FOR MEMORY CELL ARCHITECTURE
2	1370	Hybrid Dadda-Capprox Multiplier Architecture for Energy-Efficient High-Speed CNN Processing in VLSI
3	1379	Low Power SRAM Cell Design for Data Logging Application
4	1401	Polynomial and exponential synchronization of coupled neural networks with Proportional delay via event triggered saturated impulsive control under DoS attacks and its Application to image encryption
5	1406	SMART CLASSROOM POWER AUTOMATION: AN ADAPTIVE AND PREDICTIVE APPROACH
6	1415	A Novel Voice-Activated Cleaning System for Smart Homes
7	1419	Track Sensing Obstacle Avoidance Technology For Autonomous Vehicle
8	1455	Framework for Cloud-Based Data Management in Autonomous Vehicles
9	1467	Review on 6G Wireless Communication
10	1471	IoT-Based Automated Smart Parking Fee Management System using RFID Technology



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**SCEECS 2025  
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**DATE : 19-01-2025**

**TIME : 11:30 AM - 01:00 PM**

**DISCIPLINE: ECE**

**SLOT NO : ECE V7**

**SESSION: 4**

S. NO.	PAPER ID	TITLE
1	1480	Preserving Diagnostic Quality of Image Compression using Block Adaptive Models
2	1494	In-Memory Computation using Asymmetrical Schmitt Trigger SRAM cell
3	1566	IOT BASED FIRE AND MOTION DETECTION SYSTEM
4	1574	VLSI Structure for Discrete Hartley Transform using XOR-XNOR based Adder
5	1610	One Step Toward Touch Automation
6	1629	Optimized Image Processing on FPGAs: Comparative Analysis of Adder Architectures for Image Smoothing Applications
7	1640	Secure Chip To Chip Communication Based On Zero Trust Architecture In Sensor Network
8	1699	Parkeezzy: An IoT and Machine Learning-Based Parking System
9	1722	Arrhythmia Classification using Scalogram-based EfficientNet
10	1734	Optimized tuberculosis image classification in chest X-rays using transfer learning and hyper parameters



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**SCEECS 2025  
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**DATE : 19-01-2025**

**TIME : 11:30 AM - 01:00 PM**

**DISCIPLINE: ECE**

**SLOT NO : ECE V8**

**SESSION: 4**

S. NO.	PAPER ID	TITLE
1	1767	Enhanced Multi-Reference Real-Time Object Detection using Oriented FAST and Rotated BRIEF
2	1769	QUESTION PAIR SIMILARITY DETECTION AND DEVELOPMENT OF QUESTION ANSWERING CHATBOT
3	1779	Performance Evaluation of Different Antenna Shapes (Hexagonal, Pentagonal, Circular, Octagonal Triangular) for Sub-6 GHz Band in 5G Communications
4	1791	COMPREHENSIVE REVIEW OF BRAIN TUMOR SEGMENTATION AND CLASSIFICATION USING DEEP LEARNING TECHNIQUES
5	1813	Enhancing Cardiovascular Risk Prediction through Age-Based and Behavioral Health Indicator Machine Learning Models
6	1818	Memristor-Fet Hybrid Circuits for Real-Time Electronic Applications
7	1233	Creating an Adaptive Robot for Personalized Health Monitoring and Assistances
8	1355	Occlusion Resilient Face Recognition and Alert System based on Siamese Network
9	1477	Anomaly Detection in 5G Cellular Networks using Machine Learning
10	1750	SmokerBeacon: Hybrid Real-Time Smoking Detection Using Object Detection and Gas Sensor



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**SCEECS 2025  
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**DATE :** 18-01-2025

**TIME :** 11:45 AM - 01:45 PM

**DISCIPLINE:** CSE

**SLOT NO :** CSE V1

**SESSION:** 1

S. NO.	PAPER ID	TITLE
1	35	A Random Key Generation & Transport Mechanism for Wireless Data Networks
2	1091	EventSync: Event Scheduler & Coordination Planner
3	72	Data-Driven Decision Making in Smart Health and Emergency Management
4	73	Management Practices for Sustainable Agriculture in the Age of Smart Farming
5	75	The implementation of sign language interpreter with modified RNN for speech and hearing impaired
6	90	Implementing and Managing Green IT Strategies to Enhance Corporate Sustainability
7	94	Assistance for Visually Impaired individuals using Artificial Intelligence and Natural Language Processing
8	141	A Secure Message Encoding & Decoding Method Using Images
9	144	A Comprehensive Hybrid Model for Movie Recommendation: Integrating CNN and Traditional Algorithms
10	184	DDoS Attacks: Detection Techniques, Challenges, and Modern Practices





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**SCEECS 2025  
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**DATE :** 18-01-2025

**TIME :** 11:45 AM - 01:45 PM

**DISCIPLINE:** CSE

**SLOT NO :** CSE V2

**SESSION:** 1

S. NO.	PAPER ID	TITLE
1	207	Facial and Ocular-Based Cattle Biometric Recognition Using Convolutional Neural Networks
2	209	Hybrid Deep Learning Approach for Medical Image Denoising with Efficient NetB3 and Pix2Pix
3	242	Designing of Model for Millet Crop Production Monitoring
4	252	Automatic Emotion Detection from Facial Features Extraction and Machine Learning Models
5	1798	Comprehensive Review of Strategies For Optimal Efficiency In Integrated Renewable Energy Systems
6	1800	InsightNav - Empowering Desktop Navigation with Computer Vision
7	284	Deep ResNet50 Architecture for Enhanced Plant Disease Diagnosis
8	287	Enhancing Cybersecurity in Medical Cyber-Physical Systems Using Blockchain and Deep Learning
9	309	Advanced Feature Engineering and Model Improvement for Sarcasm Detection Using Deep Learning Architectures
10	315	Optimizing Skin Cancer Detection Through Hybrid Convolutional and Ensemble Learning Methods



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**TIME : 11:45 AM - 01:45 PM**

**DISCIPLINE: CSE**

**SLOT NO : CSE V3**

**SESSION: 1**

S. NO.	PAPER ID	TITLE
1	330	Contextual Sentence Embedding using Base Difference Procedure (BDP) Vectorization
2	332	Dual-Environment Dehazing Using Enhanced U-Net for Indoor and Outdoor Scenarios
3	346	DocQueue: A Scheduling Algorithm for Optimizing Healthcare Resources
4	353	Leveraging Blockchain for Cloud Log Security and Compliance in AWS
5	355	WRIST FRACTURE DETECTION USING DEEP LEARNING
6	417	Precision Land Use and Land Cover Mapping with a High-Accuracy Time Series LSTM Model
7	443	Efficient Feature Extraction Methods for Enhanced Mango and Groundnut Disease Classification
8	466	Access Control Mechanisms for Secure Websites
9	467	Graph Based Retrieval-Augmented Generation for Personalized Dietary Guidance with LLMs
10	469	Enhanced Model for Mango Detection and Quality Classification Using Optimized Feature Extraction Techniques



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**TIME :** 11:45 AM - 01:45 PM

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**SLOT NO :** CSE V4

**SESSION:** 1

S. NO.	PAPER ID	TITLE
1	478	Dynamic Equilibrium in Robotics: Techniques and Applications for Self Balancing Robots
2	501	Early Autism Diagnosis in Children through Facial Image Recognition Using Refined Gravitational Search Optimized MobileNetv2 model.
3	505	Human Evolutionary Optimization Algorithm for Optimal IoT Task Placement in Hybrid Cloud-Fog Networks
4	508	A Deep Learning-Driven Landslide Detection System Using Optimized AlexNet
5	518	Sampling-Based Density Peaks Clustering for Energy-Aware Industrial IoT Networks
6	519	Multi-Granularity Evolutionary Clustering Algorithm for Energy Efficiency in Industrial IoT
7	522	Fog Node Selection and Task Scheduling in Fog Environment: A Review
8	537	Advanced NDRE Techniques for Precision Crop Monitoring and Analysis
9	1092	Transportation for elders for medical appointments and wheelchair booking and installation mobile app
10	557	TRACKING DYNAMIC FACIAL FUNCTION IN FACIAL PALSY USING ML ALGORITHMS



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**DATE :** 18-01-2025

**TIME :** 02:45 PM - 05:00 PM

**DISCIPLINE:** CSE

**SLOT NO :** CSE V5

**SESSION:** 2

S. NO.	PAPER ID	TITLE
1	560	Enhancing mental well being among College students using Autogen
2	561	VIEWGEN3D: EFFICIENT TEXT-TO-3D MODEL GENERATION WITH MULTIVIEW CONSISTENCY AND NEURAL RADIANCE FIELDS
3	564	Interactive Physiotherapy Game Using React Three Fiber for Hand Motion Rehabilitation
4	568	Personalized Mental Health Assistance: Integrating Emotion Prediction with GPT-Based Chatbot
5	577	EEG-Based Epileptic Seizure Detection Using Hybrid Convolutional-LSTM Model And Attention Mechanisms
6	594	Integrated and Intelligent Elder-Friendly E-commerce Framework using NLP Techniques
7	597	Deep Learning-Based Helmet Detection for In-Vehicle Compliance Monitoring on Low-Cost Edge Devices
8	599	Human Drawing-Driven Automated Evaluation for Parkinson's Disease Detection
9	622	Document Storage and Retrieval with Efficient Clustering Using the Vector Space Model
10	627	Rack Sensor Metrics Odyssey: Analyzing Sensor Behavior with Random Forest and kNN for Strategic Job Allocation Insights



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**TIME : 02:45 PM - 05:00 PM**

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**SLOT NO : CSE V6**

**SESSION: 2**

S. NO.	PAPER ID	TITLE
1	631	EventOrchestr8: A Blockchain-Based, Secure QR Code Ticketing System using Cryptography
2	662	Drone Delivery Route Optimization with Pathfinding using Swarm Intelligence (SI)
3	670	Advancements in Isogeny-Based Cryptography: A Mathematical Approach to Post-Quantum Security
4	683	Challenge Response Protocol using Multivariate Polynomial Cryptography
5	706	Cultural Representation in Indian Animation: A Review of Themes and Narratives
6	740	Literature Review on Image Enhancement and Restore in Dim Light-Captured Images
7	741	Enhancing Crop Health Monitoring: A ResNet50 Approach to Automated Plant Disease Severity Prediction
8	752	PLANT LEAF DISEASE DETECTION USING DEEP LEARNING TECHNIQUES
9	762	Revolutionizing Education with PersonifAI: A Deep Dive into AI-Driven Personalized Learning
10	669*	Automated Detection of Fetal Health Risks: Machine Learning for Fetal Heart Rate Analysis

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



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**TIME :** 02:45 PM - 05:00 PM

**DISCIPLINE:** CSE

**SLOT NO :** CSE V7

**SESSION:** 2

S. NO.	PAPER ID	TITLE
1	776	Data Fusion using Variational Information Bottleneck in IoMT System
2	778	Multi-agent hierarchical workflow for autonomous code generation with Large Language Models
3	786	A Detailed Exploration to Deepfake: A Cybersecurity Threat
4	788	A Scalable and Secure Facial Recognition Attendance System Leveraging CNN Algorithms for Real-Time Accuracy and Efficiency
5	798	EDUVERSE: Inclusive and Immersive Metaverse Learning Environment for Education
6	799	Advanced Fire Detection and Extinguishing Rover with YOLOv8
7	800	Graph Representation Learning for Recommender Systems
8	806	Stock Market Insights Using Basic Recurrent Neural Networks Models
9	816	Data-Driven Strategies for Optimizing MLM Performance: A Comprehensive Review
10	833	IoT Based Portable Multi-Purpose Biometric Authentication System
11	1751	Performance Analysis of BD-EMD-IMFs Fusion Based Features Extraction and Classification for Glaucoma Detection



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**DATE : 18-01-2025**

**TIME : 02:45 PM - 05:00 PM**

**DISCIPLINE: CSE**

**SLOT NO : CSE V8**

**SESSION: 2**

S. NO.	PAPER ID	TITLE
1	892	Minimalist Event Coreference with CCNN
2	954	Automated Sleep Stage Classification and Music Therapy Recommendation for sleep Disorder
3	1005	Transforming Hospital Visitor Screening with Cloud-Powered Deep Learning for Safety and Security
4	1007	Improvising Language Conversation - Hindi & Urdu
5	1009	Automated Evaluation Platform for Enhanced SQL Learning
6	1010	SIGNBRIDGE -AUDIO TO SIGN LANGUAGE TRANSLATOR
7	1018	Text Summarization in local language
8	1052	A Hybrid Approach to Sign Language Recognition Using MediaPipe and Machine Learning
9	1056	ENHANCING IOT ECOSYSTEM-SMART PARKING SYSTEM
10	1071	Smart Shelf Monitoring Using YOLO



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**DATE :** 19-01-2025

**TIME :** 09:30 AM - 11:30 AM

**DISCIPLINE:** CSE

**SLOT NO :** CSE V9

**SESSION:** 3

S. NO.	PAPER ID	TITLE
1	1079	Deep Learning in Neurovascular Health: A Review in Brain Stroke Prediction Models
2	1090	Artificial Intelligence for Alzheimer's Disease Diagnosis: A Review of Recent Advancements, Obstacles, and Future Prospects
3	62	Streamlining Kubernetes Deployments through GitOps Methodologies
4	550	mBERT: A Query Refinement Model for Marathi Word Sense Disambiguation
5	1093	NutriScan: A Mobile Application for Health-Conscious Food Choices
6	1146	Property Price and Rent Prediction System
7	1169	Cloud-Enabled Machine Learning System for Real-Time Health Monitoring of Cardiac Patients
8	1223	Deep Learning and Fuzzy Integration for Lung Disease Detection using VGG16
9	1269	BrakeSmart: Harnessing IoT and Ultrasonic Technology for Collision-Free Driving
10	1825	CLASSIFICATION OF DNA-PROTEIN INTERACTIONS BASED ON PROTEIN STRUCTURE AND SEQUENCE USING CONVOLUTION NEURAL NETWORKS AND ENCODING TECHNIQUES





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**DISCIPLINE: CSE**

**SLOT NO : CSE V10**

**SESSION: 3**

S. NO.	PAPER ID	TITLE
1	1287	The Future of Traffic Management: Embracing AI for Sustainable Urban Mobility
2	1351	A CLIP-based Video Question Answering framework with Explainable AI
3	1352	Fine-Tuning Large Language Models for Regional Dialect Comprehended Question answering in Bangla
4	1362	EVALUATION OF CLASSIFICATION TECHNIQUES FOR NEWS DATA
5	1395	Real Time Web Traffic Forecasting Using LSTM and CNN
6	1410	Quantum Resistance Blockchain Algorithm using QHF and Novel Consensus Mechanism
7	1413	Flood Risk Assessment of Bihar State of India using Sentinel-1 on Google Earth Engine
8	1433	Hybrid Ensemble of MobileNetV2 and EfficientNetB0 for Enhanced Land Use and Land Cover Classification
9	1447	Thyroid Disease Prediction Using Selective Features and Machine Learning Techniques



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**G-Meet Link:** [ghz-twmu-zib](https://ghz-twmu-zib)

**DATE :** 19-01-2025

**TIME :** 09:30 AM - 11:30 AM

**DISCIPLINE:** CSE

**SLOT NO :** CSE V11

**SESSION:** 3

S. NO.	PAPER ID	TITLE
1	1462	Advanced Spam Detection Techniques in Social Media: A Comprehensive Analysis of Machine Learning and Deep Learning Approaches
2	1469	Text Summarization for Light Weight Devices
3	1483	Using LLMs for Querying and Understanding Long Legislative Texts
4	1486	Fake News Detection on Social Media Platforms Using Deep Learning Hybrid CNN-BiLSTM Technique
5	1497	Fake Review Detection using Random Forest Classifier
6	1503	Comparative study of machine learning and deep learning models for food waste detection Using Image Processing
7	1509	GRU in Anomaly Detection for IoT: A Comparative Study
8	1513	NL2Code: A Hybrid NLP and Model-Driven Framework for Automated Code Generation from Natural Language and UML
9	1518	Assessing U-Net Architectures for Effective Brain Tumor Segmentation in MRI
10	1557	Term Deposit Customer Prediction: A Blending Approach Using Bank Marketing Data



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**G-Meet Link:** [tim-rrrp-jea](https://tim-rrrp-jea.com)

**DATE :** 19-01-2025

**TIME :** 09:30 AM - 11:30 AM

**DISCIPLINE:** CSE

**SLOT NO :** CSE V12

**SESSION:** 3

S. NO.	PAPER ID	TITLE
1	1563	Advanced Semantic Segmentation of Flooded Regions in UAV Imagery Using a Modified U-Net Model
2	1567	Optimizing E-Auction Systems with Cosine Similarity for Personalized Bidding
3	1588	A Comprehensive Survey of Lightweight Authentication Mechanisms for Vehicle Group Communication in 5G Networks
4	1624	A Novel Multimodal Transformer Approach for Targeted Information Retrieval from Obscure Images
5	1820	EFFICIENT FRAMEWORK FOR PET ADOPTION AND RECOMMENDATION SYSTEM
6	1675	Refining Crop Pest Recognition Performance through Dynamically Adaptable Activation Patterns of Kolmogorov Arnold Network
7	1702	Voice Authentication at Scale: A Room-Level Approach for Smart Devices
8	1705	Plastic Type Classification for Edge Devices Without Internet
9	1707	Detection and Classification of Secondary Protein Structure Using Transfer Learning
10	1711	Real Time Traffic Light Timing Optimisation Using Reinforcement Learning



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**DATE : 19-01-2025**

**TIME : 11:30 AM - 01:00 PM**

**DISCIPLINE: CSE**

**SLOT NO : CSE V13**

**SESSION: 4**

S. NO.	PAPER ID	TITLE
1	1715	Anomaly Detection in Meteorological Data Using Machine Learning Techniques
2	1717	XGSybil :A Framework for Modeling and Identifying Sybil Attacks in Intelligent Transportation Systems.
3	1724	Signup using Face recognition
4	1757	Enhancing Emotional Voice Conversion with Intensity Control and Mixed Embedding
5	1777	Wellness AI: AI-Driven Personalized Diet and Fitness Recommendation
6	1792	Deep Learning and EEG Signal Based Biometric System: An Application of Brain Computer Interface
7	220	ML-based Sleep Disorder Identification for Athletic Performance Enhancement Using Wearables
8	705	LLM driven Natural Language to SQL for Utility Dashboards
9	727	COLLISION PREVENTION SYSTEM – SPECIALIZING IN ANIMALS EQUIPPED WITH DISTANCE ESTIMATION