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S. NO.	PAPER ID	TITLE
1	21	Design and Development of Vehicle Black Box System for Accident Analysis
2	33	Development of Artificial Intelligence Tools for Predictive Maintenance in High Voltage Systems
3	34	Next-Genera on Battery Technologies for Electric Vehicles: Challenges and Opportunities
4	40	Online Optimization and Scheduling Methods for Electric Vehicle Charging in Smart Grid-Based Power Systems
5	43	Real-Time Voltage Stability Assessment Using Synchrophasor Data
6	52	Decentralized Control Strategies for EV-Enabled Microgrids

7	74	MATERIAL EVALUATION OF PERMANENT MAGNET ASSISTED SYNCHRONOUS RELUCTANCE MOTOR FOR HIGH TORQUE DENSITY ELECTRIC VEHICLE DRIVES
8	153	Power Quality in Modern Electrical Systems: A Comprehensive Literature Survey
9	164	Advance battery management system for electric vehicle a comprehensive review
10	171	Switching Device Fault Detection: Methods, Challenges, and Future Power Converter Trends
11	646	Hydrogen Fuel Cell as a Proxy to Battery Technology in Electric Vehicles

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G-Meet Link: {https://meet.google.com/rzp-jbke-cbj } DATE : 31-01-2026

TIME : 11:45 AM - 01:45 PM DISCIPLINE: EE

SLOT NO : EE V2 SESSION: 1

S. NO.	PAPER ID	TITLE
1	176	Analysis of Combined Stresses of Par al Discharge and Opera onal Voltages in a Power Transformer
2	237	Switchgear Technology Comparison: An In-Depth Analysis of Air-Insulated vs. Gas-Insulated Systems
3	249	Research on Modeling and Parameter Identification of Lithium-ion Power Batteries Based on the Thevenin Model
4	273	Vehicle-to-Home (V2H) Applications for Residential Energy Resilience
5	276	Design and Simula on of a Wind-Fed ZVS Buck Converter with ZVS Bidirectional Battery Interface for DC Bus Voltage Regula on
6	287	AI-Driven Load Forecasting for Renewable Energy Management
7	296	A Performance Analysis of PSO-PID AGC Scheme for Mul -Area Interconnected Power System

8	411	SMART DUAL BATTERY SWITCHING SYSTEM FOR CONTINUOUS POWER IN ELECTRIC VEHICLES
9	443	RSM-Based Optimization of Dielectric Proper es in Insula ng Oils for Power Transformer Applications
10	490	Fault Classification in Hybrid Microgrid Using Semi-Supervised CNN

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G-Meet Link: {https://meet.google.com/mru-xmmj-mgi }   DATE : 1-02-2026

TIME : 09:30 AM - 11:30 AM   DISCIPLINE: EE

SLOT NO : EE V3   SESSION: 2

S. NO.	PAPER ID	TITLE
1	508	Thermal-Fluid Optimization and Cooling Performance Analysis of an Oil-Immersed Power Transformer
3	566	From Volatility to Stability: Market Clearing Trends and Renewable Integra on in Indian Real-Time Electricity Market
4	571	ACO-TLBO Based Global Demand Response Optimization for Smart Renewable Grids
5	580	Hybrid Evolutionary Algorithm for Coordinated Power Flow Control in Microgrids
6	639	Evaluating Emissions and Sustainability of Electric Vehicles through the GREET Model
7	663	ECG Heart Rate Monitoring Sensor Using MATLAB

8	671	Digital Twin Technology for Smart Grid Monitoring and Control
9	709	Smart Mobility Meets Smart Grids: A V2G Simula on Study
10	794	Tariff-Aware Mul -EV Scheduling for Residential Communities Using V2H/V2V Under Specific Demand Boundaries

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S. NO.	PAPER ID	TITLE
1	6	Analysis and Implementation of a Hybrid Rou ng Protocol for VANETs
2	17	Enhanced Sliding Mode Control for Precise Speed Regula on in PMSG Wind Turbines: A Comparative Study with PID Control
3	22	AI-Driven Real-Time Warehouse Monitoring System Utilizing PLC and SCADA
4	205	QoS-Driven Trust-Aware Fog Node Selection Using Fuzzy-Based Framework
5	222	UNIVERSAL SMART POWER HUB WITH REMOTE MONITORING AND CONTROL FOR HOME AUTOMATION
6	252	IoT based Smart Waste Bins for Waste Collection, Waste segregation And disposal

7	306	Smart 3D Prin ng Filament Dehydrator & Storage System with Automated Temperature and Humidity Control
8	412	Tuberculosis Detection from Chest X-Ray Images Using CNNs and Ant Colony Optimization
9	444	Design and Optimization of an AXI4-Lite Memory-Mapped Single-Master Mul -Slave interconnect for Timing, Power, and Area Efficiency

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G-Meet Link: {https://meet.google.com/oke-iiru-beg }　　　DATE : 31-01-2026

TIME : 11:45 AM - 01:45 PM　　　DISCIPLINE: ECE

SLOT NO : ECE V2　　　SESSION: 1

S. NO.	PAPER ID	TITLE
1	501	Neural Network-Assisted Molecular Modelling for Computational Chemistry Applications
2	520	PERFORMANCE COMPARISION OF ERBIUM DOPED FIBER AMPLIFIER USING MATLAB AND ADAPTIVE MULTI-STAGE EDFA OPTIMIZATION (AMEDO) ALGORITHIM
3	533	A Deep Neural Network and Savitzky-Golay Filter Based Model to Predict the Current-Voltage Characteristics of Feedback FETs
4	542	AVSAS: A QR Code and LoRa-Based Real-Time Vehicle Safety & Alert System for Smart Traffic Zones
5	621	Hazard Hunter: An Intelligent Rover for Risk Detection

6	622	Design of a Dual-band Monopole Antenna for RFID Applications
7	626	A Wideband Corner-cut Monopole Antenna for C-band and RFID Applications
8	664	MATLAB based Framework for Real-Time Human Face Detection
9	472	IoT-Based Intelligent Gas Leakage Detector
10	479	A Patch-Based Transformer Framework for High-Accuracy and Efficient Short-Term Load Forecasting

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G-Meet Link: {https://meet.google.com/fwv-mzae-erw }   DATE : 1-02-2025

TIME : 09:30 AM - 11:30 AM   DISCIPLINE: ECE

SLOT NO : ECE V3   SESSION: 2

S. NO.	PAPER ID	TITLE
1.	749	Real-Time Oil Authentication Leveraging K-Nearest Neighbors and Random Forest Techniques
2.	758	A Slot-loaded Monopole Antenna for UWB Applica ons
3.	760	Applicability of International Delay Models to Non-Lane-Based Traffic in Dhaka City
4.	795	URST-Net: A Hybrid Deep Learning Framework Integra ng U-Net, Residual Aenon, and Swin Transformer for Underwater Image Enhancement
5.	798	FusionNeXt: A ConvNeXtV2 and ResNet Framework Guided by a Hybrid Loss Func on for Combining Anatomical and Functional Medical Imagery
6.	816	HDL Design and Performance Analysis of Polymorphic Advanced Encryption Standard for high-speed encryption
7.	536	Design of a Fast Battery Balancer Based on Resonant Switching Capacitors

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G-Meet Link: {https://meet.google.com/ghc-uthw-oci }   DATE : 31-01-2026

TIME : 11:45 AM - 01:45 PM   DISCIPLINE: CSE

SLOT NO : CSE V1   SESSION: 1

S. NO.	PAPER ID	TITLE
1.	4	A Hybrid AI and Wearable-Based Clinical Decision Support System for Mid-Trimester Preeclampsia Risk Assessment
2.	19	Enhancing Cybersecurity in IoT Networks Using Deep Learning-Based Threat Detection Systems
3.	24	IOT-based real- me monitoring and protection system for DC machines using ESP32
4.	28	A method for developing low cost predictive maintenance system for electrical motors using random forest and IoT sensor technology
5.	42	Cybersecurity Strategies for Peer-to-Peer Energy Trading in Community Microgrids
6.	55	Cybersecurity Threat Detection and Mi ga on in Islanded Microgrids
7.	56	AI Enhancing Communication: Sign to Text and Voice Recognition for Hearing and Speech Impaired
8.	99	Dynamic Browser Threat Detection Leveraging Mul -Engine Threat Analy cs
9.	100	Agen c AI Framework for Autonomous and Self-Managing Cloud Services
10	101	A Resilient Peer-to-Peer Valida on Framework for Reliable Digital Coupon U liza on

| 11 | 324 | Automated Malaria Diagnosis Using a Fine-Tuned EfficientNetB3 Model on Blood Smear Images |

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G-Meet Link: {https://meet.google.com/gsv-efxc-hxc   DATE : 31-01-2026

TIME : 11:45 AM - 01:45 PM   DISCIPLINE: CSE

SLOT NO : CSE V2   SESSION: 1

S. NO.	PAPER ID	TITLE
1	102	A Cloud-Native Management System Using Serverless Architecture
2	103	AI-Enabled Posthumous Iden ty Protec on Using Advanced Cryptographic and Governance Mechanisms
3	128	DeepDriveNet: A CNN-LSTM Hybrid Framework for Real-Time Driver Drowsiness Predict on
4	134	Mul -Scale Temporal Contrastive Learning for Accurate Weather Forecast ng
5	136	Assessing Respiratory Disease Risk Through AI Driven Environmental Intelligence and Air Quality Modelling
6	156	Discreet AI-Powered Women's Safety App with Audio Recognition and Emergency Automation
7	191	Anisotropic Diffusion Filtering For Brain Tumor Classification

8	192	Emo on-Enriched Hybrid BERT for Depression and Anxiety Detection on Reddit: GoEmotions-Augmented Mul -Class Modeling
9	206	Hybrid So Compu ng and Machine Learning Models for Intelligent Intrusion Detection Systems
10	213	Anomaly-Based Electricity The Detection and Reporting System
11	241	Intelligent Legal Assistant: A Conversational AI for Accessing Indian Legal Documents

G-Meet Link: {https://meet.google.com/euq-ceuk-ftc }   DATE : 31-01-2026

TIME : 11:45 AM - 01:45 PM   DISCIPLINE: CSE

SLOT NO : CSE V3   SESSION: 1

S. NO.	PAPER ID	TITLE
1	219	Seman c-Driven Facial Image Synthesis Using Enhanced Prompt Engineering and CLIP Guidance
2	223	Hybrid Statistical-Neural Framework for Context-Aware Word Sense Disambiguation Using Mul -Head Attention and TF-IDF Fusion
3	229	Hybrid Intrusion Detection System Optimization Using Enhanced Deep Learning Approach
4	230	VoteZAP- Blockchain-Based Secure Online Vo ng Systems: Architecture, Security, and Future Directions
5	238	Adaptive Sparsity-Aware Transformers: A Differentiable Constrained Optimization Framework for Sustainable AI
6	259	A Review on Trends and Challenges in Fake News Detection Using Machine Learning and Deep Learning Approaches
7	260	Medical Image Classification Using Spiking Neural Networks and an Unbalanced R-STDP Learning Rule

8	302	Offline VQA Chatbot for On-Device Image Understanding A Privacy-Preserving Edge-AI Approach
9	304	Advancements in GUI Automation: A Survey on Vision, Mul modal Learning, and Hybrid Frameworks
10	363	Fine-Tuned EfficientNetB0 Model for Drone vs. Bird Detection Using a YOLO-Based Segmented Dataset

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G-Meet Link: {https://meet.google.com/mqt-aanf-tmc }   DATE : 31-01-2026

TIME : 11:45 AM - 01:45 PM   DISCIPLINE: CSE

SLOT NO : CSE V4   SESSION: 1

S. NO.	PAPER ID	TITLE
1	316	A Hybrid CRNN and NLP-Based Post-Correction Framework for Optical Character Recognition
2	340	Bringing Intelligence to Skin Disease Diagnosis with MobileNetV3Large
3	342	Improving Leukemia Diagnosis with EfficientNetB0: A Blood Smear Image Classification Study
4	349	An Experimental Analysis of Weather Classification Using the VGG19 Deep Learning Architecture
5	359	The ResNet50-Based Framework for Accurate Identification for Orange Fruit Diseases
6	361	Improving COVID-19 Detection Using Deep Learning on Chest X-Ray Images: A Comprehensive Study
7	385	EfficientNetB0-Based Mul -Class Plant Leaf Disease Detection: A Scalable Solu on for Precision Agriculture
8	386	Fine-Tuned EfficientNetB7-Driven Deep Learning Model for High-Precision Pistachio Variety Classification
9	387	Satellite Image Classification Using Xception: A Deep Learning Approach for High-Accuracy Land Cover Mapping

10	388	InceptionResNetV2-Based Deep Learning Framework for Mul -Class Classification of Rep le and Amphibian Species
11	227	Augment and Virtual Reality in Healthcare, Education and Social Robotics: Case study and Applications

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G-Meet Link: {https://meet.google.com/ovn-kbat-gdb }　　DATE : 31-01-2026

TIME : 02:45 PM - 05:00 PM　　DISCIPLINE: CSE

SLOT NO : CSE V5　　SESSION: 2

S. NO.	PAPER ID	TITLE
1	389	EfficientNetB0-Based Deep Learning Framework for High-Accuracy Satellite Image Classification
2	392	Automated Malaria Detection Using VGG19: A Deep Learning Approach to Blood Smear Classification
3	393	Leveraging ResNet50 for High-Precision Botanical Image Classification in Agriculture
4	396	Cryptanalytic Vulnerabilities in PRNS-Based Symmetric Encryption
5	397	Nexora-Intelligent Goal Planner & Research Assistant
6	399	Precision Diagnosis of Apple Leaf Diseases via Enhanced ResNet-50 Architecture
7	400	Advanced Bean Leaf Lesion Classification Using EfficientNetV2-S for Agricultural Applications

8	404	Automated Diabetic Retinopathy Detection Using VGG19 Deep Learning Architecture
9	405	EfficientNetB3-Based Transfer Learning Framework for Robust Mul - Class Traffic Sign Classification
10	406	Efficient Sugarcane Leaf Disease Classification Using Fine-Tuned MobileNetV2
11	319	Smart Farming: Eggplant Leaf Disease Detection through Fine-Tuned DenseNet201 Deep Learning Model
12	768	Real-Time AI-Generated Face Detection: A Deep Learning Framework using GAN

G-Meet Link: {https://meet.google.com/pna-fkvv-rfq }   DATE : 31-01-2026

TIME : 02:45 PM - 05:00 PM   DISCIPLINE: CSE

SLOT NO : CSE V6   SESSION: 2

S. NO.	PAPER ID	TITLE
1	407	A Deep Learning Framework Based on DenseNet121 for Cassava Leaf Disease Classification
2	415	AutoBill Voice Assistant: Intelligent Invoice Reader Automates Data Extraction and Provides Real-Time Audio Feedback
3	420	Quantum AI The Future of Machine Learning with Quantum Compu ng Advancements
4	421	Secure AI Model Deployment Using Blockchain-Based Verification Mechanisms
5	422	Revolutionizing Education with AI: Intelligent Tutoring, Adaptive Learning, and the Future of Smart Classrooms
6	423	Serverless AI: Revolutionizing Cloud-Based Machine Learning Workflows
7	430	Real-Time Pineapple Bud Coun ng for Yield Es ma on with YOLO11 and StrongSORT
8	449	Comprehensive WhatsApp Chat Analysis: NLP Techniques for Sentiment Visualization

9	456	A Data-Driven Geospatial Platform for Monitoring State-Level ElectricityGeneration and CO2 Emissions in India
10	470	Classification on of Animals using Transfer Learning
11	811	An Adaptive and Intelligent Trust-Driven Of-floading Framework to Counter Computational Forgery for Reliable Edge Computing

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G-Meet Link: {https://meet.google.com/pmy-acyu-vbw

TIME : 02:45 PM - 05:00 PM

SLOT NO : CSE V7

DATE : 31-01-2026

DISCIPLINE: CSE

SESSION: 2

S. NO.	PAPER ID	TITLE
1	471	An Integrated Deep Learning Approach for Simultaneous Motor Imagery Decoding and Fatigue Es ma on
2	474	A Hybrid Framework for Human–Wildlife Conflict Mi ga on Using Infrared-Triggered YOLO and IoT Aler ng
3	498	AI-Powered Predictive Analy cs for Resilient and Adaptive Supply Chain Management
4	500	Quantum-Inspired Machine Learning Models for Secure Cryptographic Communication
5	502	Stock Price Prediction and Investment Recommendations using Deep Learning
6	503	Development of a Machine Learning Based Eye -Tracking Examination Platform With Temporal Stability Enhancement for Inclusive Educa on
7	509	Smart PPE Detection System In Industrial Areas
8	529	Integra ng Quantum Generative Models with Deep Learning for Skin Disease Diagnosis and Data Augmentation

9	531	Criminal Profiling: Machine Learning Models used to predict Physical characteristics of The Suspect.
10	538	Advances in Emo on-Aware AI Agents for Mental & Emotional Health
11	837	Computer Vision for Real-Time Nutrition Scanning in Polycystic Ovary Syndrome Management

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TIME : 09:30 AM - 11:30 AM　　　DISCIPLINE: CSE

SLOT NO :　CSE V8　　　SESSION: 2

S. NO.	PAPER ID	TITLE
1	541	Hybrid Graph and Attention-Based Models for Mul Aspect ECommerce Recommendations: A Comprehensive Review
2	543	Comparative Security Analysis through Lightweight Cipher in IoT
3	549	AI-Based Crowd Density Analysis for Railway Stations
4	555	Secure Phishing Analysis and Robust Training Algorithm (SPARTA) for Phishing Website Detection
5	559	Elec on by Algorithm: Sentiment Lexicons on Twi er as Early Indicators of the 2024 U.S. Presidential Elec on
6	576	CAAFNet: An Edge-Optimized Context-Aware Mask-Based Face Authentication Framework for IoMT Environments
7	577	Korosuke: A Principled Framework for Security-Preserving Contextual Retrieval in Enterprise Knowledge Systems

8	582	Zero-Shot Chain-of-Thought Reasoning for Cryptanalysis of Popular Ciphers
9	588	Hybrid Quantum – A Framework for High Frequency Stock Trading Using Reinforcement Learning
10	589	Comparative Breast Cancer Classification on WBCD, WDBC, and Coimbra Datasets
11	842	Towards Generalizable and Robust Audio DeepFake Detection: A Comprehensive Review of Modern Techniques

Highlighted paper IDs must complete their registration before the presentation

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S. NO.	PAPER ID	TITLE
1	590	An AI-Powered Voice Assistant for Health and Wellness Monitoring Using CNN-BILSTM-Attention
2	593	Efficient Fog-Cloud Resource Allocation Using Starfish Optimization Algorithm
3	605	A Federated Learning Framework for Proactive Model Poisoning Defense Using a Trusted Client Module
4	607	A Robust Machine Learning Framework for Preclinical Alzheimer's Detection Using Cognitive Features and Ensemble Vo ng
5	611	Deep Learning Techniques for EEG Signal Applications: A Comprehensive Review
6	623	Credibility Prediction of Online Reviews: Analysis of ML Classifiers and a Neural Network Model
7	627	Deep Learning Based Brain Tumor Classification Using Orange Data Analy cs

8	629	Hybrid Mul -Objective Grey Wolf Optimization Technique for IoT Task Placement
9	632	Transfer Learning-Driven Adaptive BERT Model for Masked Language Modeling in Indigenous Languages
10	638	Agen c Tool-Based Decision Agents for Finance: A Survey of Sentiment, Event, and Risk Integra on

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S. NO.	PAPER ID	TITLE
1.	679	YOLOv8-Driven Spa o-Temporal Framework for Real-Time Detection of Risk-Prone Patient Movements in Clinical Environments
2.	680	Unveiling Genomic Insights: Fine-Tuning LLMs for Enhanced Gene Priori za on
3.	681	YOLOVisionSafe for Real-Time Industrial Safety Monitoring with Object Detection and Pose Estimation
4.	707	CLASSIFICATION OF ALZHEIMER'S DISEASE
5.	724	SadNet: Deep Recurrent Emo on Dynamics Model for Real-Time Sadness Recognition Using Facial Muscle Movements
6.	743	A Hybrid Framework for Digital Forensics and Penetration Testing with Tutorial-Assisted Tool Usage
7.	747	A Blockchain–IPFS Hybrid Framework for Scalable and Verifiable Agricultural Supply-Chain Traceability

8.	752	AI and ML Powered Crop Profitability and Smart Advisory System: An Intelligent Agricultural Decision Support Framework

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TIME : 09:30 AM - 11:30 AM   DISCIPLINE: CSE

SLOT NO : CSE V11   SESSION: 3

S. NO.	PAPER ID	TITLE
1	762	Virtual Reality for Healthcare Educa on: Applications and Research Challenges
2	764	Lightweight Zero-Day A ack IDS on IoT Edge Devices
3	771	An integrated graph-temporal generative and contrastive learning framework for fault detection in power networks
4	776	Comparative Study on Audio Emo on Recognition Using Transformers and CNNs
5	788	Gender-Stratified Ensemble Learning for Enhanced Cardiovascular Disease Risk Prediction
6	814	Design of a Real-Time Focus and Posture Monitoring System Using Facial Recognition and Machine Learning
7	834	A Purposed Framework to Enhance Breast Cancer Imaging Using GANs: Enhancing Data Augmentation, Image Quality and Tumor Segmentation

8	835	XReGViT: Explainable GAN-ViT Model for Retinal Lesion Detection and Diabetic Retinopathy Severity Classification
9	836	Blood Group Detection Using CNN from Fingerprint Images
10	841	Securing IIoT: Hybrid Machine Learning Model Based False Data Injection A acks Detection
11	847	Transparent Anemia Prediction Model Empowered with Explainable Artificial Intelligence