

**SCEECS 2024  
MANIT, Bhopal**

**VENUE : Online**

**DATE : 24-02-2024**

**TIME : 11:45 AM – 1:45 PM**

**DISCIPLINE : ECE**

**SLOT NO : ECE V1**

**SESSION : 1**

S. NO.	PAPER ID	TITLE
1	14	Smart Restaurant Management System using LABVIEW
2	17	Intrusion Detection and Prevention System for Early Detection and Mitigation of DDoS Attacks in SDN Environment
3	48	ELM Anti-Jamming Technique Based on Enhanced Multiple Input Multiple Output(MIMO) signal
4	72	Four Notch Microstrip Magic Tee Junction for C-Band applications
5	74	Star Shape Based Physical Unclonable Function for Smart Home Security
6	80	IOT Based Motor Control and Line Detection for Smart Agriculture
7	82	Fabrication and Database Management of Cubesat
8	83*	Design of PIFA antenna for Mobile- LIDS system of Counter-unwanted aerial system.
9	84*	DESIGN AND OPTIMIZATION OF SUSPENDED RF STRIPLINE LOW Pass FILTER
10	91	A Super-wide band DGS based Circularly Polarised Wearable Antenna for S-band, C-band, X-band & Ku-band Applications
11	709	Automation in fruit ripening through Image Processing

*\*Highlighted Paper IDs must complete registration before presentation*



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**DISCIPLINE : ECE**

**SLOT NO : ECE V2**

**SESSION : 1**

S. NO.	PAPER ID	TITLE
1	109	RASPBERRY PI-POWERED DOOR LOCK WITH FACIAL RECOGNITION
2	113	4 bit 4 operand Adder using verilog : An abstraction analysis
3	123	A Review on Drone-based Tracking
4	124	Soldier Health and Position Monitoring System
5	125	Flame Frenzy Fighter
6	126	Design and Implementation of a Near-End Communication System using Quarter wave Technique
7	131	River Path Change Detection using Satellite Images
8	132	A Novel Triple U-Slot Microstrip Patch Antenna Design for Multiband Applications
9	133	IoT based Battery Health Monitoring and Its Remaining Useful Life Prediction using Artificial Neural Network
10	691	Optimising Power Grid Operations with IoT-Based Distribution Transformer Monitoring Systems
11	445	Principal Component Analysis and Deep Learning-Based Traffic Anomaly Detection in WSN

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**DISCIPLINE : CSE**

**SLOT NO : CSE V1**

**SESSION : 1**

S. NO.	PAPER ID	TITLE
1	361	DCGAN for Synthetic Data Augmentation of Cervical Cancer for Improved Cervical Cancer Classification.
2	15*	AN EFFICIENT SMART WASTE MANAGEMENT SYSTEM USING MACHINE LEARNING
3	21	Developing ML model for early detection and prediction of Alzheimer's disease using multi modal biomarkers
4	35	Design of Blockchain-based Secured Election Voting System
5	42	Improving Wavelet-Based Image Fusion with Weighted Average of High Boost and CLAHE
6	55	Ads Click-Through Rate prediction using Attention based LSTM Mechanism
7	59	Variational-AutoEncoder Siamese Network for Change Detection on Satellite Imagery
8	62	Combination of artificial intelligence techniques to predict cardiovascular disease.
9	70	Predictive Modelling for Restaurant Menu Customization: An FP-Growth Algorithm-Based Solution
10	76	POLICY LEARNING-BASED IMAGE CAPTIONING WITH VISION TRANSFORMER
11	712	Enhancing Cloud Resource Allocation Efficiency with Harris Hawk Optimization Algorithm(HHOA)

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**SLOT NO : CSE V2**

**SESSION : 1**

S. NO.	PAPER ID	TITLE
1	81	ATS: Auto Text Summarization using Natural Language Processing
2	89	Quantum Cryptography for Secure Autonomous Vehicle Networks : A Review
3	92	Multi-Class Classification of Brain Tumours: Leveraging VGG, InceptionV3, and DenseNet201 Transfer Learning
4	100	A survey of LSM-Tree based Indexes, Data Systems and KV-stores
5	106	Land use and Land Cover Mapping for Rampura Agucha Mines, India, using Landsat 8 and Landsat 9: A Time Series Analysis
6	110	Dermatec: Transformative AI-Driven Platform for Comprehensive Skin Disease Monitoring and Dermatologist Recommendations
7	114	Sentiment Analysis on ChatGPT Reviews
8	116	Multi-Modal Driver Behavior Analysis and Speed Estimation using Fusion of Computer Vision and In-Car Sensor Data
9	130	LAWTRIX: NLP-Powered Legal Revolution
10	137	PROP- where learning is made fun
11	701	Blockchain Solutions for Securing the Internet of Medical Things: A Comprehensive Survey

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**DISCIPLINE : CSE**

**SLOT NO : CSE V3**

**SESSION : 1**

S. NO.	PAPER ID	TITLE
1	141	Secure File Encryption and Decryption System
2	142	Earthquake Prediction Using Quantum Computing
3	143	Unleashing the Power of Deep Convolutional Neural Networks in a Stacked Ensemble Model for Precise Paediatric Pneumonia Diagnosis from Chest Radiographs
4	145	NobleShield: Empowering Communities for Safer Public Spaces
5	150	A Novel Approach for Accurate Stock Market Forecasting by Integrating ARIMA and XGBoost
6	152	A bibliometric analysis of Artificial Intelligence technology for sustainable agriculture
7	169	Fabrication Classification in Visual Tweets by Using Machine Learning with Deep Features
8	171	“A diligent survey of SQL injection attacks, detection and evaluation of mitigation techniques”
9	172	Revolutionising Potato Farming: A CNN-Powered Approach for Early Blight and Late Blight Detection to Ensure Global Food Security
10	364	AyurMedVerify: Medicinal Plant Authentication System
11	700	Enhancing Endometrial Tumour Detection: Early Diagnosis with Advanced Vision Transformer Architecture

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**DISCIPLINE : CSE**

**SLOT NO : CSE V4**

**SESSION : 1**

S. NO.	PAPER ID	TITLE
1	176	Revolutionising Image Analysis for Precision Diagnosis and Recognition Using Cutting-Edge Visual Encoding
2	184	Enhancing Security and Privacy in Cloud-Based Medical Data Systems using AES Cryptography and Digital Envelopes
3	189	ANALYSIS OF CHRONIC LIVER DISEASE DETECTION BY USING MACHINE LEARNING TECHNIQUES
4	191	A Comprehensive Review of Advanced Artificial Intelligence Techniques to Enhance Intrusion Detection Systems
5	192	The Demonstration of Android Vulnerabilities
6	193	Investigation of Biodiversity and Human Interaction Based on Information Approach
7	196	Prevention of Attacks in Vehicular Adhoc Networks
8	201	A review on Ensemble learning based maximal frequent pattern mining over Cloud
9	204	Comprehensive Review and Meta-Analysis of Machine Learning Applications in Screening for Diabetic Retinopathy Analysis
10	206	STOCK VALUE PREDICTION ACCURACY ENHANCEMENT USING CNN AND MULTIPLE LINEAR REGRESSION FOR NIFTY
11	697*	Detecting Impersonation Attacks In Online Social Networks Using Machine Learning: A Comprehensive Survey

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**DISCIPLINE : EE**

**SLOT NO : EE V1**

**SESSION : 1**

S. NO.	PAPER ID	TITLE
1	7	Unlocking Power Transformer Reliability: DGA in Mineral Oil and Natural Esters
2	8	PV Based Multilevel Inverter Using Reduced Number of Switches with Modified H-Bridge
3	36	A Review Paper On Smart Meter Using Blockchain And Internet Of Things
4	77	Design and Implementation of System Protection Scheme for Interlinking Transformers at Thermal Power Station
5	78	Smart Water Monitoring with GSM Alerts: An IoT Approach
6	93	Mathematical Design and Numerical Optimization of additives in Transformer Oil using RSM CCD
7	99	Doppler Frequency Shift and SNR Estimation using Improved STFT-based method for mmWave Wind Profiler Radar
8	101	Wind Speed Estimation Using FRFT-Based Method for mmWave Wind Profiler Radar in Low SNR Conditions
9	105	The Signal Processing for K-Band Wind Radar Based on Gauss Cost Function Method
10	111	EchoSight: Blending Deep Learning and Computer Vision for Unparalleled Navigational Support for the Visually Impaired

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**DISCIPLINE : EE**

**SLOT NO : EE V2**

**SESSION : 1**

S. NO.	PAPER ID	TITLE
1	155	Compensator design for DC-DC converters to improve the performance of the system
2	178	Optimising Substation Earthing Systems: A Finite Difference Approach for Grounding Resistance Minimization and Potential Distribution Analysis
3	182	Modelling and Simulation of Green Electric Vehicle Charging Station using MATLAB
4	194	Integrated Water Quality Control and Efficient Distribution Network Management for Subterranean Pipeline
5	202	AI-Powered Optimization Of EV Charging Station Converters: A Comprehensive Review
6	220	Advancements in Hybrid Electric Vehicles through Isolated SEPIC Converter Technology
7	225	Modular STATCOM for Unbalanced Load
8	230	Smart Processing of Exceptional Values in Electrical Networks Using Neuro-Fuzzy Algorithms
9	235	Automatic generation control and its impact on long-term voltage and Frequency stability

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**DISCIPLINE : ECE**

**SLOT NO : ECE V3**

**SESSION : 2**

S. NO.	PAPER ID	TITLE
1	147	Image Enhancement by Defogging utilising Scene Specific Dark Channel Prior
2	148	Virtual Eye: Object Recognition for Blind
3	161	Design and Implementation of a Transceiver for Near- End Communication System using Verilog HDL
4	166	An efficient Multiplier Architecture using Improved Full Adder circuit
5	180	Design of Full Adder Circuits with optimised power and speed Using CMOS Technique
6	187	Control of Two-Wheel Self-Balancing Robot: LQR and MPC Performance Analysis
7	188	No Connectivity zone wireless communication and Human Detection using RF Module and PIR sensor
8	218	Perfect Metamaterial Absorber for K-band Application
9	639	ECG Signal Enhancement using Selective Weight Update Adaptive Filtering Techniques for Telemetry Applications
10	688	E-Navigation : The Boon For Visually Impaired
11	684	Implementation Challenges and Performance Analysis of Image Compression Using Huffman Encoding and DCT Algorithm on DSP Processor TMS320C6748 and Arduino Nano 33 BLE
12	66	Concentric Ring-Based Multibit Chipless RFID Tag

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**DISCIPLINE : ECE**

**SLOT NO : ECE V4**

**SESSION : 2**

S. NO.	PAPER ID	TITLE
1	219	Comprehensive Review on Fault Detection For Wireless Sensor Networks
2	262	PSO with Constriction Coefficient and EPFCM Clustering Based Segmentation of Medical Images Using Level Set Method
3	284	Design and Simulation of a mm-Wave MIMO Antenna Array for 5G Communications
4	298	Performance Analysis of Subcarrier Assignment Algorithms for Three-Users in MC-NOMA System
5	303	CORNER DISINFECTION ROBOT
6	313	Time Frequency Analysis and Deep Feature Extraction for Hand Gesture Classification
7	327	Cipher Care : Multi-Authentication Video Steganography Powered by CNNs
8	330	Real-Time Multipath Fusion $\phi$ -OTDR System Based on FPGA
9	333	VANET for autonomous vehicles
10	678	Smart AgriSense: Precision Farming for Enhanced Crop

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**DISCIPLINE : CSE**

**SLOT NO : CSE V5**

**SESSION : 2**

S. NO.	PAPER ID	TITLE
1	208	Ensemble Learning Techniques for Classifying Stressed and Unstressed Textual Data
2	212	Deep CNN-Based MRI Imaging for Brain Tumor Detection and Classification
3	216	Transformer-Based Multivariate Time Series Forecasting
4	222	ONLINE ASSIGNMENT PLAGIARISM CHECKER WITH OCR
5	223	DNA Sequence Binding to specified Protein Structure and Classification by using CNN and k-mer Encoding Model
6	224	Biometric Authentication using lightweight Convolutional Neural Network
7	228	Medical Drug Analysis using graph neural network
8	405	Review of Machine and Deep Learning Techniques for Expression based Facial Emotion Recognition
9	242	Deep Learning Approaches for Textbook Recognition and Classification
10	244	An AI-based Approach to Train a Language Model on a Wide Range Corpus Using BERT
11	685	Vulnerability Analysis of Low-Entropy Face Recognition Systems against Brute Force Attacks
12	458	Sentiment Analysis Using an Ensemble Approach on Flipkart Societal Media Data

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**DISCIPLINE : CSE**

**SLOT NO : CSE V6**

**SESSION : 2**

S. NO.	PAPER ID	TITLE
1	245	Analysis of various data imputation techniques for diabetes classification on PIMA dataset
2	249*	Machine Learning-Based Classification of Thyroid Disease: A Comprehensive Study on Early Detection and Risk Factor Analysis
3	250	Event Evolution – A Modern Approach to Timeless Celebrations
4	251	A LITERATURE SURVEY ON BLOCK CHAIN BASED SECURITY CONCERNS IN EDGE COMPUTING
5	253	A Deep Learning and Feature Optimization-Based Approach for Early Breast Cancer Detection
6	255	Ensemble Modeling of Epitopes and Non-Epitopes Prediction from Protein Sequences of Zika and Dengue Viruses
7	257	Decoding SARS-CoV-2 Variants: An in-silico approach to RNA-Seq feature extraction using K-mers and N-grams
8	258	Enhancing Web Security: An Advanced Automated Kitterman Tool for Comprehensive Network Vulnerability Detection
9	264	Task Scheduling Algorithm Improvement In Cloud Computing
10	267	An Ensemble Approach for Intrusion Detection Using Ensemble Machine Learning
11	681	Data science applications in Society 5.0
12	671	Deepfake video detection using CNN and RNN with OPTICAL FLOW features

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**DISCIPLINE : CSE**

**SLOT NO : CSE V7**

**SESSION : 2**

S. NO.	PAPER ID	TITLE
1	272	Blockchain as a Solution for Electronic Health Record Management : A Comprehensive Review
2	273	An Approach to Detecting Writing Styles Based on Clustering Technique
3	275	Enhancing Cross-Domain Recommendation System using a Novel hybrid NLP Based Text Vectorisation and Unsupervised Machine Learning Model
4	276	GestureEcho: A Silent Symphony of Art with Hand Tracking and Voice-Guided Drawing
5	285	WEB BASED PassWORD MANAGEMENT SYSTEM FOR ROBUST APPLICATIONS
6	286*	Sentiment analysis of YouTube comments by comparative use of Random Forest, Naive BaYes, and SVM algorithms.
7	287	MobileNet-Powered Deep Learning for Efficient Face Classification
8	485	Investigations on Cyber Security Vulnerability using Distribution Analysis
9	491	EYes on Poverty: A Comprehensive Review of Computer Vision and Textual Data Integration for Poverty Prediction in India
10	291	Utilising Machine Learning to foster employee mental health in modern workplace environment
11	677	Enhancing Movie Category Prediction with Hybrid Models for Enhanced Interpretability
12	497	Appraisal Study and analytics of Industrial 4.0 - A rebellion towards existing twins

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**DISCIPLINE : CSE**

**SLOT NO : CSE V8**

**SESSION : 2**

S. NO.	PAPER ID	TITLE
1	294	Cocoon morphological Features Based Silk Quality Prediction Using XG Boost Algorithm
2	295	Towards Resilient Agricultural Supply Chains: A Framework for Validating the Impact of Blockchain Technology on Sustainability
3	300	Cardiovascular Health Prognosis: Machine Learning Approaches for Precise Heart Disease Prediction
4	302	A Neural Network Architecture for Obtaining Numerical Solutions of Integral Equation
5	311	Faster Mimic and Fool: An Adversarial Attack
6	314	A Secure Signature Verification Mechanism for Smooth Authentication Process
7	318	Quantum Computing: Threats & Possible Remedies
8	320	Improved Semi Supervised Image Classification using GAN
9	322	Nutrition Estimation and Dietary Assessment in Indian Food through Deep Learning
10	676*	Enhancing Financial Analysis with Candlestick Pattern Recognition in NSE and BSE Markets with Deep learning
11	669	SMART RESULT ANALYSIS-PDF EXTRACTOR

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**DISCIPLINE : EE**

**SLOT NO : EE V3**

**SESSION : 2**

S. NO.	PAPER ID	TITLE
1	243	Detection and Classification of Faults in AC Microgrids based on Wavelet Transform
2	259	Tracing the transition of Insulating Oil application in Transformers
3	263	Sensor-Driven Landslide Detection System for the South Eastern Region of India
4	274	Extensive Review on Influence of Additive Addition in Insulating Oil for Transformers
5	296	Optimal Location of Distributed Generation for Loss Minimization by Application of Machine Learning
6	299	PID-Based Nonlinear Sliding Mode Control for Speed Regulation in Induction Motors: A Comprehensive Survey and Analysis
7	355	Mitigation of Power Quality Issues in Power System using Static Synchronous Compensator.
8	356	Transient Stability Improvement of Multi-Machine System by using STATCOM with Power System Stabiliser
9	357	Comparative Study based Economic Load Dispatch in Power System using Different Metaheuristic Techniques
10	358	Chaotic-PSO Approach For Optimal Power Flow
11	645	Harnessing the Power of Nature: A Short Review of Renewable Energy Resources
12	672	Switching Transients Reduction for Battery Charging Controller during Mode Selection

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**DISCIPLINE : EE**

**SLOT NO : EE V4**

**SESSION : 2**

S. NO.	PAPER ID	TITLE
1	366	Electric Bicycle using Pedal Assist System (PAS)
2	381	Battery Management System for Electric Vehicles.
3	388	Component Traceability, Drive Control of different machines in cylinder block line
4	403	Comparative study between DC-DC buck converter and Zero Voltage switching buck conveter
5	404	Simulation Based Analysis of Microgrid using Green Energy Resources
6	407	Comparative Analysis of NN based MPPT Algorithms for PV-Boost Converter
7	419	Electrical Load Demand Forecast for Gujarat State of India using Machine Learning Models
8	424	Dual Active Bridge Converter's inherent soft switching Steady-State Analysis with Single and Dual Phase Shift Modulation
9	425	A Real Time implementation of PF Enhanced Two-Stage Battery Charging Solution for Battery Powered Automobiles
10	434	Design of High frequency opto-regulated Flyback Converter for variable AC Drives
11	683	Dual Axis Solar Tracking System (DAST)
12	699	Techno economical study of utility grid HRES system for rural area in India

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**SLOT NO : ECE V5**

**SESSION : 3**

S. NO.	PAPER ID	TITLE
1	342	Dynamic Power Reduction in dual edge triggered D-Flip- flop clock gating using memristor
2	360	Innovative Approach to Design High Speed And Power Effective Content Addressable Memory
3	362	Adaptive Reconfigurable LFSR: Dynamic Tapping and Reseeding for Enhanced Pseudo Random Number Generation
4	368	Hexagon Shaped Coplanar Antenna for Higher Gain and Directivity
5	382	Elevating Canteen Management with a Modern Web Solution
6	406	Enhancing Efficiency and Effectiveness: An Innovative Design for Multipliers on FPGA
7	411	Online Optimal path planning of distinctive topology for autonomous drone trajectories
8	414	A Technique to Optimise Clock Latency after CCOpt exploiting Useful Skew
9	417	Miniaturised Narrow Band Patch Antenna For GPS Application Using Technique of Mini Slot Insertion

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**DISCIPLINE : ECE**

**SLOT NO : ECE V6**

**SESSION : 3**

S. NO.	PAPER ID	TITLE
1	426	Electrostatic Performance Enhanced in a Graded Doped Junctionless Gate All Around MOSFET
2	427	Characteristics Analysis of 2-Bit Digitally Time-Coded Programmable Metasurface Using Vector Synthesis Approach
3	428	Phase Analysis for a Three-Layer Focusing Metasurface With Impedance Boundary Conditions
4	437	Comparison of Hysteresis margin and Hysteresis width Schmitt Trigger Oscillators using logic gates in 28nm CMOS Technology
5	441	Deformation Monitoring of Wind Turbine Blades Based on Millimetre-Wave Radar
6	450	Ultra-Wideband Horizontally Polarised Ceiling-Mount Antenna for 5G/6G Application
7	453	The Sensitivity Influence Factors Analysis of Metasurface-based Sensor
8	480	Broadband Dual-polarised Magnetoelectric Dipole Antenna for 5G Microcell Base Station
9	493	IoT and Machine Learning-Based Smart Soil Irrigation Farming System

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**DISCIPLINE : CSE**

**SLOT NO : CSE V9**

**SESSION : 3**

S. NO.	PAPER ID	TITLE
1	323	Analysis of Business using Seller Pathway- A CRM platform
2	336	Predictive Analytics for Website User Behavior Analysis
3	347	A Comparative Analysis of Social Network Epidemic Models
4	349	Performance Evaluation of Meta-data features for Spam SMS Classification using Sequential Models
5	350	An Enquiry into the Adoption and Effectiveness of Blockchain Technology in Trade Finance
6	351	Real-Time Network Optimization in 6G minimizing End-to-End Delay Using SARSA Algorithm
7	352	Cognitive Diagnostics in Automotive using ML
8	175	A Critical Insight and Evaluation of AI Models for Predictive Maintenance under Industry 4.0
9	4	Date Fruit Classification Using Deep Learning

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**DISCIPLINE : CSE**

**SLOT NO : CSE V10**

**SESSION : 3**

S. NO.	PAPER ID	TITLE
1	380	Cyclone Intensity Estimation using Graph Convolution Recurrent Networks and INSAT 3D Images
2	385	DROUGHT PREDICTION FOR FARMERS AND OFFERING AN IOT AND MACHINE LEARNING-BASED SUSTAINABLE FARMING SOLUTION
3	386	Exploring Diverse Approaches to Detect and Diagnose Breast Cancer through Medical Imaging Modalities
4	396	Deep Learning Techniques for Automatic Text Summarization: A Review
5	397	Ownership Verification with Advanced Watermarking and Image Obfuscation
6	237	Bibliometric Examination of Spiritual Leadership Trends in Contemporary Organizations
7	408	Analysis Of Feature Noise On Standard SVM With Linear Kernel
8	409	Analysis of Computational Model for Detection and Recognition of Human Activity Using Deep Learning

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**DISCIPLINE : CSE**

**SLOT NO : CSE V11**

**SESSION : 3**

S. NO.	PAPER ID	TITLE
1	418	Exploring Machine Learning Techniques for Enhanced Breast Cancer Detection
2	440	A Comprehensive Survey on Machine Learning Approaches in Course Recommendation Systems.
3	443	Tackling Privacy Concerns in Correlated Big Data: A Comprehensive Review with Machine Learning Insights
4	444	Delineating Indic Transliteration: Developing A Robust Model for Accurate Cross-Script Conversion
5	446	Considering the Clinical Significance of Artificial Intelligence and Biosensors in the Healthcare Sector: A Review
6	451	Assessing Employees' Perspectives on Work-Life Equilibrium for Integrated Human Capital Governance
7	452	A Systematic Review of Textile Anomaly Detection Systems
8	454	ONLINE REVIEWS- AN EFFECTIVE WAY TO REDUCE PERCEIVED CONSUMER RISKS OF ONLINE SHOPPING
9	456	An Analysis of Image Enhancement Techniques

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**DISCIPLINE : CSE**

**SLOT NO : CSE V12**

**SESSION : 3**

S. NO.	PAPER ID	TITLE
1	460	E-Commerce Cybersecurity: A Comprehensive Review of Types, Breaches and Best Practices
2	463	Hyperparameter Tuned Cloud Based Cyber Physical Attack Detection using Stacking Ensemble Learning
3	467	Multi-Trajectory Drone Surveillance: Amplifying Monitoring Capabilities in Disaster Management
4	469*	Navigating Secure Software Development: Innovative Approach to Software Security Integration
5	470	OptiANN-LR: Augmenting Diabetes Prediction Accuracy through Hyper Learning Rate Tuning in Optimised Artificial Neural Networks
6	479	Exploring the Impact of Emotion Recognition AI on Consumer Trust and Satisfaction
7	481	SPEED WARNING SYSTEM USING PYTHON
8	289	Mathematics and Logics in ML: Application Aspects
9	290	Mathematical Application in AI: An Emerging Area

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**9<sup>th</sup> IEEE International Students' Conference on  
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**SCEECS 2024  
MANIT, Bhopal**

**VENUE : Online**

**DATE : 25-02-2024**

**TIME : 9:30 AM – 11:30 AM**

**DISCIPLINE : EE**

**SLOT NO : EE V5**

**SESSION : 3**

S. NO.	PAPER ID	TITLE
1	435	Design of Isolated Flyback Transformer for 50-200 kHz switching frequency range
2	439	Wind Speed Measurement Based On Atmospheric Stability Function
3	442	Optimizing Solar Power Generation with Bidirectional Converter and Fuzzy Logic for Battery Management in EVs
4	465	Drive For Switched Reluctance Motor Using an Asymmetric Bridge Converter: A Topdown Approach
5	710	Design, Modeling, and Analysis of a Permanent Magnet Synchronous Motor for Electric Vehicles
6	471	Efficiency of dye-sensitized solar cells is impacted by the incorporation of a light-scattering layer
7	475	A Short Review on the Key Indicators of Ageing Studies Conducted on Insulating Oil
8	477	Developing a framework to conduct ageing studies in Insulating Oil for Power and Distribution Transformers
9	482	Extensive Critique on Blending Studies Conducted in Insulating Fluids for Transformer Applications
10	508	PLC & SCADA For Efficient Load Management And Fault Monitoring

*\*Highlighted Paper IDs must complete registration before presentation*



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**DISCIPLINE : EE**

**SLOT NO : EE V6**

**SESSION : 3**

S. NO.	PAPER ID	TITLE
1	522	Solar-Powered Electric Vehicle Battery Charging: Integrating LT8490 for Sustainable and Efficient Energy Transfer in the Pursuit of a Green Transportation Future
2	524	Design And Stability Analysis of Control Loops In Field Oriented Control of Traction PMSM Drives For EV Application
3	533	Hybrid Energy System Simulation and Modelling Incorporating Wind and Solar Power
4	537	Reduced Switch Count Asymmetrical Seven-Level Inverter
5	541	An Automated Helmet Detection for Bike Power Start Control using YOLOv8
6	569	Variable Frequency Waves at Different Level Deposited PBM Technique for Seven-Level Inverter
7	593	Solar Energy with Storage Battery based Electric Vehicle Charging Station
8	595	Power Flow Management in AC–DC hybrid Microgrid
9	613	Performance analysis of DC Servomotor with and without PID control under different loads for horizontal motion of MRI patient table
10	641	Smart Lights With Smart Power In Public Places

*\*Highlighted Paper IDs must complete registration before presentation*



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**TIME : 11:00 AM – 1:00 PM**

**DISCIPLINE : ECE**

**SLOT NO : ECE V7**

**SESSION : 4**

S. NO.	PAPER ID	TITLE
1	518*	Utilisation of wavelet entropy on EEG as an assistive tool to detect ischemic damage in brain
2	538	Optimal Integration and Performance Enhancement Strategies for Hybrid Renewable Energy Systems: An Extensive Survey
3	553	Location of Acoustic Beacon with Passive Sonar system : A Comprehensive Analysis
4	555	Enhanced Water-body Texture Extraction from GF-2 Satellite Imagery Using Transfer Learning Approach with Gray Level Difference Matrix
5	556	A Broadband Circularly Polarised Crossed Bowtie Antenna
6	565	Novel Fuzzy PID Control Tuning for a Chemical Process Control System
7	568	A Broadband Dual-polarised Micro Base Station Antenna for 2/3/4/5G
8	571	Dual-Band Frequency Reconfigurable Antenna In Unlicensed Ultra-Wideband Frequency Spectrum
9	574	Enhancing Antenna Performance: Exploring Partially Reflective Surfaces as Superstrates
10	577	Density Based Traffic Management System
11	651	Graphene Nanoribbon-Based Zigzag Simulated Output of a Gas Sensor

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**TIME : 11:00 AM – 1:00 PM**

**DISCIPLINE : ECE**

**SLOT NO : ECE V8**

**SESSION : 4**

S. NO.	PAPER ID	TITLE
1	585	A Planar Monopole Antenna Designed for WiMax, WiFi, WLAN, and Ultra-Wideband Frequencies with a Half Moon-Slotted Ring Shape
2	587	Design of RF MEMS Switch free from unavoidable micro welding with low actuation voltage
3	589	OBJECT DETECTION IN TRAFFIC VIDEOS
4	614	A Comprehensive Review of Clustering based Routing Protocols in Wireless Sensor Networks
5	623	AN ISOLATED INVERTED U-SHAPED MIMO ANTENNA FOR PERFORMANCE ENHANCEMENT
6	628	MR-TBA – An improved Trust-based Security mechanism for IoT Networks
7	632	Evaluation Trends and Development In Integrated Circuit Parasitic Extraction
8	421	A Dual-Band Glass-Based Transmissive Metasurface for Improving RF Transmission through Window
9	654	Smart Shopping Cart Using Radio Frequency Identification
10	499	IoT and IoE Transformations in Precision Agriculture: Sensor-Based Monitoring, Automated Irrigation, and Livestock Monitoring
11	653	Android Based Real-Time Picture-to-Audio Converter for the Visually Impaired

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**DATE : 25-02-2024**

**TIME : 11:00 AM – 1:00 PM**

**DISCIPLINE : CSE**

**SLOT NO : CSE V13**

**SESSION : 4**

S. NO.	PAPER ID	TITLE
1	502	Teaching Learning-Based Optimization for Medical IoT applications Service Placement in Fog Computing
2	503	An Autonomous Helmet Detection Model in Diversified Application Areas using DNN-YOLOv8 Technique.
3	505	A Survey on Cancellable Biometrics Techniques
4	507	A BLOCKCHAIN BASED MARKETPLACE FOR NON-FUNGIBLE TOKEN
5	509	Research Paper Summarization using Extractive summarizer
6	515*	Homomorphic Encryption Enabled SVM for Preserving Privacy of P2P Communication
7	519	Design and Implementation of Biometric Blockchain Authentication for VANET Security
8	520	Development of multispectral post-classification change detection techniques
9	530	E-Rove Smart Bus Pass Application
10	535	BDIMFs Based Features Fusion and Classification for Glaucoma Prediction
11	667	Product Rating System Using Deep Neural Network

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**DISCIPLINE : CSE**

**SLOT NO : CSE V14**

**SESSION : 4**

S. NO.	PAPER ID	TITLE
1	536	AI Innovator: Text to Image Generation using GAN
2	542	Gait Recognition : A Cross – Dataset Evaluation of Deep Learning Models
3	547	A Comparative Study of Various Load Balancing Algorithm in Cloud Computing Environment
4	550	Enhancing Computer Vision Through Transformational Algorithm
5	554	Skin Lesion Classification using Deep Feature Fusion and Selection Using XGBoost Classifier
6	559	Recommendation System for Surplus Food Management using Location-based and Collaborative Filtering Approach
7	563	Computer Vision Based Smart Leaf Disease Detection System
8	567	Prediction of Potential Customers for Term Deposit: Analysis Using Bagging with Bank Marketing Data
9	570	Automated API Docs Generator using Generative AI
10	575	Modified Parametric Optimization Colour Image Security Algorithm Using Latin Square Encryption Approach
11	660	Evaluating Security enhancement through Machine Learning Approaches for Anomaly-Based Intrusion Detection Systems

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**DISCIPLINE : CSE**

**SLOT NO : CSE V15**

**SESSION : 4**

S. NO.	PAPER ID	TITLE
1	580	Machine Learning-Powered Defense Against Phishing Websites
2	581	Transforming Breast Cancer Image Classification With Vision Transformers and LSTM Integration
3	583	Voice Assisted Facial Emotion Recognition System For Blind Peoples With Tensorflow
4	584	Forecasting Election Sentiments: Deep Learning vs. Traditional Models
5	586	Vehicle Damage Identification using Deep Learning Techniques
6	590	An Exploration of Gait Datasets and Their Implications
7	594	Enhanced Customer Insights: Multimodal NLP Feedback System
8	597	Emotion Detection through Human Verbal Expression Using Deep Learning Techniques
9	607	COMPOUND SCREENING AND PRIORITISATION IN DRUG DISCOVERY USING MACHINE LEARNING
10	611	Bioacoustic Estimation Of Avian Vocalizations For Capuchin Bird Density In Forests

*\*Highlighted Paper IDs must complete registration before presentation*

## SCEECS 2024 MANIT, Bhopal

**VENUE : Online**

**DATE : 25-02-2024**

**TIME : 11:00 AM – 1:00 PM**

**DISCIPLINE : CSE**

**SLOT NO : CSE V16**

**SESSION : 4**

S. NO.	PAPER ID	TITLE
1	616	Binary Classification of News Articles using Deep Learning
2	618	Time-Aware Context-Based Graph Attention Network For Clinical Risk Prediction
3	619	Plant Leaf Disease Detection Using Transfer Learning Approach
4	620	Rapid Response System Based On Graph Attention Network For Forecasting Clinical Decline In EHR
5	631	Exploring A Two-Phase Deep Learning Framework For Network Intrusion Detection
6	637	Comparing Machine Learning and Deep Learning Techniques for Air Quality Prediction: A Comprehensive Analysis
7	638	Performance Analysis of Deep Learning Models for Accurate Glaucoma Detection
8	644	NEAT Wings: Algorithmic Strategy for Intelligent Flappy Bird Navigation
9	372	Object Detection approach for Crop and Weed Identification based on Deep Learning
10	674	Real Estate Price Prognostication through Machine Learning Models
11	415	A short survey on Interpretable techniques with Time series data
12	673	An Approach to avoid SSS problem in the data space using Fisherface(PCA+LDA ) technique: A Case Study on Chest X-ray Pneumonia dataset

*\*Highlighted Paper IDs must complete registration before presentation*