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8	Multi-Modal Soil Health and Crop Productivity Prediction using Hybrid Deep Learning	Dr. D. Ferlin Deva Shahila		Associate Professor	ECE	Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai, India
9	Next-Gen IoT-Driven Real-Time Fuel Level Tracking and Optimization System	Dr. D. Ferlin Deva Shahila	NIL	ASSOCIATE PROFESSOR	ECE	Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai, India
10	MI-Based Smart Greenhouse Monitoring And Control System Using Iot And Embedded Sensors	Dr. D. Ferlin Deva Shahila	NIL	ASSOCIATE PROFESSOR	ECE	Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai, India
35	IoT-Enabled Intelligent Parking System Using NodeMCU for Slot Monitoring and Access Automation	Dr. N. Anusha		Senior Assistant Professor	Operations & IT, IBS	ICFAI Foundation for Higher Education(Deemed to be University)
52	Improving Cybersecurity with Artificial Intelligence: Identification, Examination and Mitigation of Cyber Threats	Ms Krishika Gupta	Dr. Inderdeep Kaur, Mr. Devyansh Sharma, Ms. Manjeet Kaur	Student	Department of Computer Science and Engineering	Chandigarh University

57	Detection and Classification of Knee Osteoarthritis Detection Using Deep Learning Techniques	Dr.Valantina Stephen		Associate Professor	Electrical and Electronics Engineering	Saveetha School of Engineering, SIMATS
72	Adaptive Multi-Parameter Closed-Loop PWM Control Using Machine Learning	Mr Abhinav c		Student	Ece	Amrita Vishwa vidyapeetham
83	Design of a 32-Bit RISC-V Processor with Dynamic Floating-Point ALU Switching	Mr.Abhijith		Professor	Department of Electronics and Communication Engineering	Amrita Vishwa Vidyapeetham, Amritapuri
92	EdgeShield: Real-Time ML-Driven Radiation Monitoring for Neonatal ICU Safety	Mr. Kaushik Iyer	No	Student	Department of Networking and Communications	SRM Institute of Science and Technology
100	PsyPredict - An EVM based Postpartum Depression Predictor	Ms. Bhargavi Singh	no	Student	Department of Networking and Communications	SRM Institute of Science and Technology
106	Causally Constrained and Anatomically Grounded Interpretability in Deep Learning for Chest Radiograph Diagnosis	Mr U Venkat Subbaiah Dr T Narayanan Dr B.Narendra kumar,		research scholar	CSE	Gandhi Institute of Engineering and Technology University, Gunupur, Odisha
107	Exploring Hybrid Energy Harvesting Techniques for Smartphone Charging Applications	Md. Sajid Hassan		Student	Electrical, Electronic & Communication Engineering (EECE)	Military Institute of Science and Technology (MIST)

108	A Self-Evolving Cognitive Neuro-Symbolic Architecture for Continually Adaptive Medical Diagnosis	Mr Raya pawan kumar		Research scholar	CSE	Gandhi Institute of Engineering and Technology University, Gunupur, Odisha
109	Academic Fraud Prediction Scheme for Students and Teachers Using Ensemble Voting Classifier and Machine Learning	Kahakashan Ashraf		student	CSE	Chittagong university of engineering and technology
123	A Scalable Framework for Automated Data Quality Assessment in AI Systems	Dr.V.Vadivu	-	Assistant Professor	Artificial Intelligence and Data Science	Karpagam Academy of Higher Education, Coimbatore
128	ACL Injury smart indicator using IOT	Mrs.Leelvathi R		Assistant Professor	Biomedical Engineering	Velalar College of Engineering and technology
129	Depression Detection via Multimodal Fusion Using Cross-Modal Transformer Networks	Ms Aiswarya Mohan K		Assistant Professor	Computer Science and Engineering	Karunya Institute of Technology and Sciences (Deemed University)
130	Semantic Representation Learning using Transformer Architectures for Context Aware Detection of Web Application Attack	Dr J Godwin Ponsam		Associate Professor	Networking and Communications	SRM Institute of Science and Technology
136	Web Server Based Platform with GPS for High-Speed Data Transfer and Advanced Monitoring	Mohammed Ovaiz A		Assistant Professor	Electronics and Communication Engineering	Vel Tech High Tech Dr.Rangarajan Dr.Sakunthala Engineering College, Avadi, Chennai, India

138	A Heterogeneous Nutritional Risk Prediction Approach for Pregnant Women Using Explainable AI and XGBoost Classifier	Kahakashan Ashraf		student	CSE	Chittagong university of engineering and technology
140	Opportunity Scout: A Modular Explainable Agentic AI System for Autonomous Opportunity Discovery	Mr. Ayush Mishra	No	Student	Dept. of Networking and Communications	SRM Institute of Science and Technology
141	A Multi-Layered Graph based Real-Time Transaction Streaming and Governance Framework	Mr. B. Girish	No	Student	Department of Data Science And Business Systems	SRM Institute of Science & Technology
146	Hybrid Deep Learningâ€™Pedagogical Analytics Model for Enhancing Curriculum Development in English Education	Dr Purnendu Bikash Acharjee	Roseline Jesudas, Sajeena Gayathrri, Dr.Aisha Fadi Almola Mohammed, Emil George, Dr. P. Kathavarayan	Assistant professor	Department of Computer Science	Christ University
148	Hybrid Knowledge Graph Embeddings Model Framework for Smart Soil Analysis and Precision Fertilizer Recommendation	Dr Purnendu Bikash Acharjee	Dr.Suryasubam.VJ, R.Kavi Priya, Dr. R. Jaishankar, Dr. Ramakrishna B, Dr. S. Jabeen Begum	Assistant Professor	Department of Computer Science	Christ University

153	Analyzing the Strategic Use of English in Business Communication Using Hybrid Deep Learning and Ensemble Techniques	Roseline Jesudas	Sajeena Gayathri, Inass Alteib Mohammed, Dr. Deepa Jananakumar, Dr.J.Azad Mohamed, Subham Pankaj Samantaray	Assistant Professor	Department of Languages and Translation	College of Humanities and Social Sciences, Northern Border University
157	K-Means Clustering-Based Random Forest System for Air Quality Management and Pollution Reduction in Smart Cities	Rajesh A	S.P. Kanniyappan, G Uma Devi, Dr Nidhi Mishra, Dr. A. Elaiyaraja, Rajanish Kumar Kaushal,	Assistant Professor	Department of CSE	Erode Sengunthar Engineering College
167	TrafficSense A Machine Learning – Based Intelligent Traffic Management System	Dr Sadish Sendil Murugaraj		Professor	CSE	Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology
176	Design and Implementation of a Custom Multiply Accumulate Instruction in an Open-Source RISC-V Processor Core	Mr. Gowtham Kumar S		Student	Electronics And Communication	Vel Tech High Tech Dr. Rangarajan Dr. Sakunthala Engineering College
178	Edge AI Based Smart Disaster And Grid Management System With Custom FPGA Boards	Mr Jayaseela pandian A		Student	Electronics and communication engineering	Vel Tech High Tech Dr.Rangarajan Dr.Sakunthala Engineering College
180	A Hybrid LightGBM and Grey Wolf Optimization Framework for Predicting Spontaneous Combustion Temperature in Coal Mines	Mr. R. Charan		UG Student	Department of Mining Engineering	Godavari Institute of Engineering & Technology (A)

185	Adaptive Hybrid CNN-Wavelet Framework for Low-Light Medical Image Enhancement and Diagnosis Support	Dr. D. Ferlin Deva Shahila	NIL	ASSOCIATE PROFESSOR	ECE	Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai, India
188	UCS Prediction of Carbonate Rocks using Deep Feedforward Neural Networks with Aquila Algorithm Model	Mr. P. Akhilesh Gupta		UG Student	Department of Mining Engineering	Godavari Institute of Engineering & Technology (A)
197	Hybrid Deep Learning Based Swin Transformer and ConvLstm for Enhanced Drilling Waste and Formation Damage Mitigation	Mr. Dasari Jyothi Kiran		Student	Petroleum Engineering	Godavari Institute of Engineering and Technology (A)
198	Emoji Extraction Using Bidirectional Encoder Representations from Transformers with Deep Convolution Module	Mr. Ahammad Sharif Md		M.Tech Student	Computer Science and Engineering	GIET Engineering College
201	Adaptive Neuro-Temporal Fusion Framework for Detecting Cyber-Attacks in Healthcare Cyber-Physical Systems	Ms.Ashwani Vijayachandran		Research Scholar	Computer Science and Engineering	Karunya institute of technology and sciences
203	Influence of Renewable Energy Expansion on Electrical Equipment Manufacturing in Bangladesh	Mr. Munawar Arif Nitol		Student	Electrical Electronic and Communication Engineering	Military Institute of Science and Technology

206	Architectural Design of an Obfuscated ECDSA Engine against Micro-Architectural Attacks in Cloud Blockchains	Mr. Konda Purushothama Kumar	-	Student	Computer Science and Engineering	GIET College of Engineering
207	An Intelligent Dermatitis Diagnosis Framework Using a Hybrid BiLSTM and EfficientNetB0 Model Optimized By Particle Swarm Optimization	Mr. Aravind Reddy		Student	Computer Science and Engineering	GIET Engineering College
208	Improved Ergonomic Design of a Portable Electric Knapsack Sprayer	S. Thiruvani	nil	Student	EEE	Sathyabama Institute of Science and Technology
209	Ambulance Route Intimation System Using RSSI Nodes and GSM Communication	D. Anoop	nil	Student	EEE	Sathyabama Institute of Science and Technology
212	INTELLIGENT INTRUSION DETECTION SYSTEM USING HYBRID SWIN TRANSFORMER-RNN FOR EFFICIENT CYBER THREAT MITIGATION	CHICHARI RAJESH		STUDENT	CSE	GIET Engineering College
213	Intelligent Fault Detection and Self-Healing in Cloud Infrastructure Using Hybrid Attention-Based Root-Cause & Reinforcement Learning Algorithm	Dr.P.Venkadesh		Professor	Information Technology	KPR Institute of Engineering and Technology

214	AI-Powered Multi-Language Resume Analyzer and Job Recommendation System	Dr.Divvela Srinivasa Rao		Associate Professor	Artificial Intelligence and Data Science	Lakireddy Bali Reddy College of Engineering
225	A Hybrid Autoencoder with Temporal Fusion Transformer Model for Accurate Dust Prediction in Mining Environments	D. Babavali		UG Student	Department of Mining Engineering Godavari Institute of Engineering & Technology (A)	Godavari Institute of Engineering & Technology (A)
226	Enhancing Financial Fraud Detection using LSTM–DNN with Hyena Optimization: A Comparative and Explainable Deep Learning Approach	Ms. Appikonda Sadhana		M.Tech student	Department of Computer Science and Engineering	GIET Engineering College
227	An Explainable Photovoltaic Power Output Prediction Model Using Light GBM, RFE, Geospatial Dataset, and SHAP	Kahakashan Ashraf		student	computer science and engineering	Chittagong university of engineering and technology
247	Enhancing Network Security Using Firefly-Optimized Dae-Xformer-Marn Based Deep Learning Models for Intrusion Detection	Mr. Rahul Rapaka		Student	Department: Computer Science and Engineering	GIET Engineering College
281	Design and Development of Solid Oxide Electrolyser based HHO Gas Co-Generation for Cooking Applications	JENO PAUL P		PROFESSOR	EEE	Adi Shankara Institute of engineering and technology

284	Integrated IoT Platform with Web Interface for Wireless Health Monitoring and Battery Energy Management	Dr P Baburao		Assistant Professor	Electrical and Electronics Engineering	Vel Tech Rangarajan Dr Sagunthala R & D Institute of Science and Technology
289	Intelligent Antenna Adaptive Tuning System Using Machine Learning Techniques	Mrs R.THARANI		Assistant Professor	ELECTRONICS AND COMMUNICATION ENGINEERING	VEL TECH HIGH TECH Dr RANGARAJAN Dr SAKUNTHALA ENGINEERING COLLEGE
296	A Pancreatic Cancer Survival Prediction Based on Coot Birdâ€™Optimized Multilayer Perceptron Framework	Mr. Yellamilli Sai vikhil		M.Tech student	Department of Computer Science and Engineering	GIET Engineering College
298	Design and Implementation of a PFC-Assisted MPPT Controller with DC–DC Converter for Grid Connected Photo	Mr. J .Antony Robinson		Assistant professor	Electrical and Electronics Engineering	Francis Xavier Engineering College
306	A Hybrid CNN-GA-XGBoost (CGAXGB) Framework for Accurate Breast Cancer Detection Using Optimized Feature Selection	Dr.S.V.Divya		Professor	Artificial Intelligence and Data Science	KPR Institute of Engineering and Technology, Coimbatore
312	A Web-Based Explainable Machine Learning Framework for Early Prediction of Gestational Diabetes Mellitus	Dr. K. Rajathi		Professor	CSE	Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology

313	Deep Neural Network and Grey Wolf Optimization-Based Industrial Application in Copper Production	Mr.Thota Mahidhar		Student	Mining Engineering	Godavari Institute of Engineering & Technology (A)
314	Happyhub: Human Emotion Analysis Using Facial and Voice Recognition	Mr. B. Manojkumar		Assistant Professor	Electronics and Communication Engineering	KGiSL Institute of Technology
327	Multisensory Data-Driven Fault Prediction Model using Conformer-Attention Model	Mr. Vamshi krishna Kona		B.Tech Student	Department of Mining Engineering	Godavari Institute of Engineering & Technology (A)
329	Metaheuristic-Enhanced Dual Attention Networks for Predictive Analysis of Carbon Sequestration Dynamics	Mr. V Chandu		B.Tech Student	Department of Petroleum Engineering	Godavari Institute of Engineering and Technology (A)
340	An Intelligent Deep Learning–Based Intrusion Detection System for IoT Nodes using CNN–BiLSTM and Grasshopper Optimization	Ms. Aruna Kommu		M.Tech student	Department of Computer Science and Engineering	GIET Engineering College
343	An Intelligent Cardiovascular Disease Detection Using Whale Optimization and Hybrid Resnet-50 Vision Transformer Network	Mr. G.Lakshmi Prasanna		Student	Computer Science and Engineering	GIET Engineering College

344	Digitalization of Heavy Vehicle Booking: Improving Transparency, Cost Efficiency, and User Satisfaction	Ms. Harshitha.S		Student	Information Technology	R.M.K Engineering College
347	PSO-Optimized Graph Attention Residual Regression Model for CO, [CO] ₂ , H ₂ , and [CH] ₄ Prediction from Biomass Gasification	Mr. Chuppana Jaya Surya		Student	Petroleum Engineering	Godavari Institute of Engineering and Technology (A)
350	Intelligent DDOS Detection in Software-Defined Networks Using Graph Neural Networks with Grasshopper Optimization	Koppiseti Sudeesh		Student	Computer Science and Engineering	GIET Engineering College
355	Vision Transformer-Based Detection of Counterfeit Bangladeshi Banknotes Using the DeiT-Tiny Architecture	Kahakashan Ashraf		student	computer science and engineering	Chittagong university of engineering and technology
357	Hybrid Snow Leopard Optimization and Multi-Head Attention Transformer for Accurate CO ₂ Emission Estimation in Fossil Fuel Power Plants	Ms. Sapna Kumari		UG Student	Department of Petroleum Engineering	Godavari Institute of Engineering and Technology (A)

359	Optimization-Based Data Packet Routing in Communication Networks using Google OR- Tools	Dr. S. Sivasaravana Babu		Assistant professor,	Electronics and communication Engineering	Vel Tech High Tech Dr. Rangarajan Dr. Sakunthala Engineering college
364	Physics-Informed Dual-Attention BiGRU for Hourly Wind Speed Prediction	Mr. Vaisakh Mohan	Sebin Aji	Student	Computer Science	Amrita Vishwa Vidyapeetham, Kochi
380	VGG19-Driven Artificial Intelligence Framework for Automated Liver Disease Detection and Risk-Aware Clinical Decision-Making Toward Improved Health and Well-Being	Dr Anbalagan S		Professor	Sustainable Engineering	SIMATS Engineering, Saveetha Institute of Medical and Technical Sciences, Chennai
382	DESIGN AND DEPLOYMENT OF HEARTCARE - A MACHINE LEARNING BASED HEART DISEASE PREDICTION SYSTEM	M. Menaka		Assistant Professor	Electronic and communication engineering	Vel tech high tech engineering college
384	A Double Layer Stacking Classifier Based Explainable Tax Evasion Fraud Prediction with Optuna and SMOTE-Tomek	Kahakashan Ashraf		student	CSE	Chittagong university of engineering and technology
394	Adaptive Cross-Modal Fusion With Instance-Level Gating for Visionâ€™Language Understanding	Dr. Unnati A. Patel		Assistant Professor	MCA Department	Smt. Chandaben Mohanbhai Patel Institute of Computer Applications, CHARUSAT

399	A Hybrid Machine Learning And Natural Language Processing Approach For Career Recommendation Systems	Mr.Caynen Anthony Hughes	Bilgats B Darshan S Ramya M	Student	Information Technology	Vel Tech High Tech Dr.Rangarajan Dr.sakunthala Engineering College
400	Heart Disease Risk Prediction Using Hybrid Deep Learning on Retinal Fundus Images	Ms Cheekurthi Angel	ALLADA SHANMUKHA SRINIWAS KONDRU HEPSIBHA DR. B. SRINUVASU KUMAR	Student	Artificial Intelligence and Data Science	Seshadri Rao Gudlavalleru Engineering College
402	LGFNN-Stack:A Heterogeneous Stacked Ensemble of LightGBM and Neural Networks for Phising Detection	Mr Amith.S.Kumar	Mr.Pranav.R	Student	Computer Science	Amrita Vishwa Vidyapeetham, Kochi
405	Multimodal AI-Based Baby Monitoring System with Real-Time Audio-Visual Behavior Analysis.	Dr. Srividhya Ganesan		Senior Assistant Professor	Computer Science and Engineering	New Horizon college of Engineering
406	A SENSOR DRIVEN WASTE RETRIEVAL AND MONITORING MODEL USING IOT FOR CAMPUS SUSTAINABILITY GOALS	Dr. Sai Geetha Lakshmi V	NA	Assistant Professor	ELECTRICAL AND ELECTRONICS ENGINEERING	PVP SIDDHARTHA INSTITUTE OF TECHNOLOGY
408	Metaheuristic Aided Double Integral Sliding Mode MPPT Control for Efficiency Enhancement in PV Systems	Dr. K.Boopathy		Professor	Electrical and Electronics Engineering	Aarupadai Veedu Institute of Technology, Vinayaka Mission's Research Foundation (DU)

410	Machine Learning Framework for Assessing Digital Literacy in Higher Education	Roseline Jesudas	Zakiuddin Mohammed, Dr. Mandeep Kour, Dr. A. Ajmal Khaan, Dr.Delecta Jenifer Rajendren, Dr.C.Ravichandran	Assistant Professor	Department of Languages and Translation, College of Humanities and Social Sciences	Northern Border University
422	Multilevel Inverter with Switched Capacitor Technique and Fuzzy Controlled Converter for Efficient PV Grid Integration	Ms. K. Boopathy		Assistant Professor	Department of Electrical and Electronics Engineering Aarupadai Veedu Institute of Technology, Vinayaka Mission's Research Foundation (DU), Chennai, India.	Aarupadai Veedu Institute of Technology, Vinayaka Mission's Research Foundation (DU)
423	IoT-Based Intelligent Fault Analysis of Distribution Transformers with Aquila Optimization and Secure Transformer Attention Network	Mr. S. Prakash		Assistant Professor	Department of Electrical and Electronics Engineering	Aarupadai Veedu Institute of Technology, Vinayaka Mission's Research Foundation (DU)
424	Intelligent Battery Management System with Predictive Maintenance and PCM Cooling for Enhanced Energy Storage Reliability	Ms. Geethi .P		Assistant Professor	Department of Electrical and Electronics Engineering	Aarupadai Veedu Institute of Technology, Vinayaka Mission's Research Foundation (DU) Chennai, India.
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443	Smart Voice Controlled Wheelchair With Automated Navigation	Ms. Christina Jisso	Ms. Anjali Nanda N Ms.Ananya Grace Benny Ms. Anjana V Ms.Neethu Suman	Student	Electronics and Communication	Adi Shankara Institute of Engineering and Technology
445	Integrated PV-Fed Bidirectional EV Charging System with Dab Converter and Grid Support for G2V/V2X Applications	Ms. P. Poornima		Assistant Professor	Department of Electrical and Electronics Engineering	Aarupadai Veedu Institute of Technology, Vinayaka Mission's Research Foundation (DU)
446	Smart AI-Integrated System for Predictive Maintenance and Condition Monitoring in Industries	Mr. V. Rattan Kumar		Assistant Professor	Department of Electrical and Electronics Engineering	Aarupadai Veedu Institute of Technology, Vinayaka Mission's Research Foundation (DU)
449	Implementation of Modified B-PFC Converter with Synchronous Rectification for High-Efficiency AC-DC Power Conversion System	Dr. R. Vanitha		Assistant Professor	Electrical and Electronics Engineering	Aarupadai Veedu Institute of Technology Vinayaka Missions Research Foundation(DU)
453	Implementation of MPWM Interleaved DC-DC Converter with Voltage Doubler for EV Charging Stations	Mr. S. Prakash		Assistant Professor	Department of Electrical and Electronics Engineering	Aarupadai Veedu Institute of Technology, Vinayaka Mission's Research Foundation (DU)
460	ABC-PI Controlled Soft-Switched Multi-Port Converter for Hybrid Energy Systems	Dr. L. Chitra	-	Professor	Electrical and Electronics Engineering	Aarupadai Veedu Institute of Technology, Vinayaka Missions Research Foundation (DU)

461	Smart Energy Harvesting Robotic Exoskeleton for Sustainable Mobility Assistance in Rehabilitation	Mr. V. Rattan Kumar		Assistant Professor	Department of Electrical and Electronics Engineering	Aarupadai Veedu Institute of Technology, Vinayaka Mission's Research Foundation (DU) Chennai, India.
464	Optimized Multilevel Inverter Control for Reactive Power Compensation in PV-Driven STATCOM Systems	Ms. L. Chitra		Assistant Professor	Department of Electrical and Electronics Engineering	Aarupadai Veedu Institute of Technology, Vinayaka Mission's Research Foundation (DU) Chennai, India.
466	A Survey on IoT-Based Real-Time Crop Development Applications	Dr. A. V. Bharadwaja	-	Associate Professor	Department of Electronics and Communication Engineering	Vignan's Institute of Information Technology
467	Real Time Scream Detection for People's Safety with Integration of AI and NLP	Ms Challa Hanisha		Research Scholar	Computer Science and Engineering	Swarnandhra College of Engineering and Technology
468	Electric Field Crowding Suppression in 4H-SiC Trench MOSFETs via Asymmetric Bottom Oxide Design	Ms Krishnapriya V B	Anjana J G	Student	Department of Electronics and Communication Engineering	Amrita Vishwa Vidyapeetham
473	Optimizing Secure AI Lifecycle Model Management with Innovative Generative AI Strategies	Dr J Godwin Ponsam		Associate Professor	Networking and Communications	SRM Institute of Science and Technology

483	Design and Implementation of a PWM Rectifier - Based VSC - HVDC System for Enhanced Reactive Power Management and Grid Stability	Mr. Amirtharaj Nelson D		Student	Electrical and Electronics Engineering	P.S.R. Engineering College
487	Comprehensive Evaluation of a PV-Grid Connected System using Quadratic High Gain Boost Converter with Lemur Optimized ANN-Based MPPT Controller	Dr. L. Chitra		Professor	Electrical and Electronics Engineering	Aarupadai Veedu Institute of Technology, Vinayaka Mission's Research Foundation (DU)
489	An Explainable CBAM Enhanced DenseNet121 Framework for Multi-Class Lung Cancer Classification Using CT Scans	Mr. Matheswaran S		Student	Information Technology	Velammal College of Engineering and Technology
491	A Gaussian Naive Bayes Approach for Personalized Learning in Intelligent Tutoring Systems	Mr Sanjay B		Student	Computer Science and Engineering	Vel Tech Rangarajan Dr Sagunthala R&D Institute of Science and Technology
495	A Secure Multi-Drone Video Streaming Architecture Using 5G Networks and Machine Learning-Based Access Control	Kaviya M	no	PG Scholar	Computer Science and Engineering	T.J.S. Engineering College

496	Next-Generation EV Battery Management Using 5G-Enabled Dual-Chemistry Energy Storage Systems	Lokesh K	no	R&D Engineer	Research and Development	Gojan School of Business and Technology
509	Enhancing Air Quality Prediction through Cnn LSTM based deep learning model	Davinder Kumar		Student	Computer science engineering	Chandigarh University
514	Predicting Alzheimer's Disease Progression from Mild Cognitive Impairment via Automated Brain Age Modeling	Dr.Berakhah.F.Stanley	Nil	Assistant Professor	Electronics and Communication Engineering	Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology
515	Automated Detection of Cerebral Microbleeds in Susceptibility-Weighted MRI Using a Multi-Scale Deep Learning Framework	Dr.Berakhah.F.Stanley	Nil	Assistant Professor	Electronics and Communication Engineering	Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology
517	A Preprocessing Optimized Deep Learning Framework for Robust Leukemia Cell Segmentation and Multi Class Classification in Peripheral Blood Smear Image	G.Nalini		Assistant professor	ECE	Rajivgandhi College Of Engineering, Nemili, Sriperumbudur
530	Secure Aggregation in Federated Learning for Non-IID Data Environments	Dr Anuj Kumar Jain		Professor	CSE	Chandigarh University

531	A Review on Blockchain-Enabled Federated Learning: Security, Privacy, Scalability and Incentive Challenges	Raman Dubey , Anuj Kumar Jain , Richa Sharma		Student	ME CSE	Chandigarh Universiity
538	Experimental Evaluation of Pongamia Pinnata and Transformer Oil Blends with Enhanced Dielectric Properties and Thermal Stability	Dr. R. Lal Raja Singh		Associate Professor	Electrical And Electronics Engineering	KIT- Kalaighnarkarunanidhi Institute of Technology
554	A Multi-Phase Radiomicâ€œAttention Fusion Network for Automated Lesion Segmentation and Cancer Classification Using Magnetic Resonance Imaging	Dr. D. Ferlin Deva Shahila	NIL	ASSOCIATE PROFESSOR	ECE	Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai, India
555	Adaptive Block Artifact Detection and Quality Assessment (ABAD-QA) for Enhanced Image Compression Analysis	Dr. D. Ferlin Deva Shahila	NIL	ASSOCIATE PROFESSOR	ECE	Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai, India
557	A Secure IoT-Based Biomedical Monitoring System Using Machine Learningâ€œDriven Intrusion Detection and Data Encryption	N.Nalini		Associate Professor	ECE	Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai

576	Design of an AI Adoption Based Machine Learning Model for Predicting Employee Performance in Indian Higher Education	Mr. S.Sivanarulselvan		Research Scholar	School of Management	SASTRA DEEMED TO BE UNIVERSITY
577	Self-Supervised Multimodal Learning for Unified Soilâ€™Climateâ€™Crop Representation in Sustainable Agriculture	Mr G Madan Kumar		Research scholar	CSE	Gandhi Institute of Engineering and Technology University, Gunupur, Odisha
603	A Hybrid Quantum - Inspired Multi-Objective Optimization with Machine Learning (HQI-ML) Framework for Intelligent Network Routing	Ms K Lakshmi Prasanna		research scholar	CSE	Gandhi Institute of Engineering and Technology University, Gunupur, Odisha
631	Modified SVPWM Fed PFC Front End Vienna Rectifier for EV Charging Applications	Dr.G. Vasumathi		Assistant Professor	Electronics and Communication Engineering	Bharath Institute of Science and Technology, Bharath Institute of Higher Education and Research
635	Smart Helmet with Automatic Emergency Alert Accident Detection System	Dr. Ashwini A	-	Associate Professor	Department of ECE	Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology
637	Deep Learning Driven Traffic Sign Board Detection for Real Time Road Safety Monitoring	Dr. Ashwini A	-	Associate Professor	Department of ECE	Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology
638	Ensuring Robust Bus Contention Handling on MIPI I3C: A Verification Perspective	Ms. ANA MONGA	Mr. RAKSHIT SRIVASTAVA, Ms. ARCHANA MISHRA, Mr. YOGESH KUMAR	TECHNICAL LEADER	APMS	ST MICROELECTRONICS

643	A Hybrid SVM-RF Based Early Detection of Amyotrophic Lateral Sclerosis using Hybrid Machine Learning	Dr.S.V.Divya		Professor	Artificial Intelligence and Data Science	KPR Institute of Engineering and Technology, Coimbatore
644	A 2.5D Multimodal Approach for Brain Tumor Segmentation with Improved Robustness to Incomplete MRI Inputs	C.Nirmala		Assistant professor	ECE	Murugappa Polytechnic College
648	Cloud-Based AI Customer Support System with Retrieval-Augmented Generation	Dr G Geetha		Assistant Professor	Department of Networking and Communications	SRM Institute of Science and Technology
652	Forecasting Global Energy Demand Shifts under Emerging Policy Frameworks and Evolving Economic Development Scenarios	R S Sabeenian		Assistant Professor	Department of ECE	Sona College of Technology Salem, India
659	AI-Driven and Cyber-Secured Electricity Theft Detection Using Adaptive Neuro-Fuzzy Inference System (ANFIS)	Mr. Abhinav J	Mr. Anto C , Mr. Ebenezer R , Mr. Praveenkumar C	Student	EEE	Sri Ramakrishna Engineering College
663	A Hybrid Quantum - Inspired Multi-Objective Optimization with Machine Learning (HQI-ML) Framework for Intelligent Network Routing	Dr.S.V.Divya		Professor	Artificial Intelligence and Data Science	KPR Institute of Engineering and Technology

671	Neuro-Fuzzy-Based Wind Power Forecasting And Stability Risk Assessment	Mr. Rayudu Sai Karthikeya	NA	Student	Department of Electrical and Electronics Engineering	Amrita School of Engineering, Amrita Vishwa Vidyapeetham.
672	AI Based Intelligent Electric Vehicle Charging and Energy Management System for Smart Cities	T.Kirthick Saran		Student	Electrical and Electronics Engineering	Erode Sengunthar Engineering College
673	Adaptive Hybrid Controller for Real-Time Train Derailment Detection and Control	Adhvaith H.	NA	Student	Department of Electrical and Electronics Engineering	Amrita School of Engineering, Amrita Vishwa Vidyapeetham.
679	INTELLIGENT TRAFFIC SIGNAL CONTROL SYSTEM USING VEHICLE DETECTION	Ms. B. Rachana, Ms. B. Tejasvi, Mr. A. Manas, Mr. B. Harshith, Dr. G. J. Bharath Kumar, Mrs. N. Jyothsna		Student	CSE (AI&ML)	Sreyas Institute of Engineering and Technology
680	A Hybrid AI-Driven Post-Quantum Encryption Framework for Secure Medical Data Transmission in IoMT Systems	Mr Prabhu T	NIL	Assistant Professor	ECE	Arunachala Hitech Engineering College, Marthandam, India
684	MOODFIT: GPU Accelerated Intelligent Outfit Recommendation System	Ms. Bhargavi Singh	Dr. Vidhya R	Student	Department of Networking and Communications	SRM Institute of Science and Technology
714	AI-Assisted Penetration Testing: Evaluating Autonomous Wireless Attacks Using Reinforcement Learning	Mr C Gannesh Reddy		Student	Electronics and Communication Engineering	Chaitanya Bharathi Institute of Technology

715	Design and FPGA Implementation of a Complex Multiplier Using Xilinx IP Core	Dr B KHALEELU REHMAN		Associate Professor	Electronics and Communication Engineering	Chaitanya Bharathi Institute of Technology,Hyderabad
724	Hybrid Convolutional and Transformer Models for Accurate Brinjal Crop Disease Detection	Mr. Pawan S	Mr. Shree Raam S R (Student); Mr. Shrijith A (Student); Dr. R. Madhumathi (Associate Professor)	Student	Computer Science and Engineering	Sri Ramakrishna Engineering College
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733	IoT-Based Intelligent Plant Monitoring System with AI-Enabled Vision	PRADHEEP K	SANJANA B , HARSHINI S, VISHAL P A	Assistant professor	Electrical and Electronics Engineering	KIT-KALAIKARNI INSTITUTE OF TECHNOLOGY
734	An FPGA-Based Design of the Extended Logistic Map for Chaos-Driven Security Systems	Dr. K. J. JEGADISH KUMAR		ASSOCIATE PROFESSOR	ECE DEPARTMENT	SHIV NADAR UNIVERSITY, CHENNAI
735	Early Mango Fruit Fly Detection Using Visual and Acoustic Sensing	Vaishnavi.T	nil	Assistant Professor	ECE	Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology
736	Cloud Collaborative Deep Learning Framework for Retinal Micro-Lesion Segmentation in Tele-Ophthalmology	Dr.N.Nalini		Associate Professor	ECE	Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology Chennai
753	Early detection of Arthritis using Biomedical Image Analysis	Dr. Ashwini A	-	Associate Professor	Department of ECE	Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology

768	A Hybrid Framework Using Reinforcement Learning with Human Feedback and Federated GANs	R Saravanakumar		Assistant Professor	Department of ECE	Saveetha School of Engineering Saveetha Institute of Medical and Technical Sciences, Saveetha University Chennai, India
771	Toward Efficient Object Detection in Intelligent Transportation Systems: A Comparative Evaluation of YOLO Architectures	Mr. Noaf N	Safwan Muhammed S K. Namitha	Student	Electronics and Communication Engineering	Amrita Vishwa Vidyapeetham, Amritapuri
787	LiDAR-Based Automated Stagger Calculation for Athletics Tracks	Dr. Tunguturi Sridher		Assistant Professor	Electronics and Communication Engineering	Chaitanya Bharathi Institute of Technology
791	Hybrid Intelligent Framework for Logistics Routing and Transportation Optimization in Supply Chain Management	Harshal Patil	Dr.M.Maruthamuthu, Srinivas Kalisetty, Vinod Surange, Ippili Adarsh Kumar, Saginala Mastan	Assistant Professor	School of Technology and Research	Dnyaan Prasad Global University
804	Optimized Energy Efficient Resource Management in Cloud Datacenters using Green Cloud Sim	Dr.S.V.Divya		Professor	Artificial Intelligence and Data Science	KPR Institute of Engineering and Technology, Coimbatore
807	Transformer Based Modeling of Spatio Temporal Facial Dynamics for Micro-Expression Recognition	Dr.JEEN RETNA KUMAR R		Associate Professor	ECE	Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology

810	A Hybrid Deep Learning Approach for Emotion Recognition Using Gait Patterns, Body Gestures, and Facial Expressions	Jeen Retna Kumar R	5	Associate Professor	ECE	Associate Professor/ECE, Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology
812	Proximity-Aware Multi-User Smart Home Automation using BLE and Cloud Synchronization	Mr. M Navaneeth Chandran		Student	Department of Electrical and Electronics Engineering	Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology
826	Adaptive Precision Hierarchical Vedic Multiplier with CSA-Based 64-Bit Optimization for Low-Power FPGA Applications	Mr.Gagandeep Sai	Ms.Yatham Poojitha	student	Electronics and Communication Engineering	Chaitanya Bharathi Institute of Technology
827	Detection of REM Sleep Behavior Disorder Using LSTM and GNN Model	Dr.S.V.Divya		Professor	Artificial Intelligence and Data Science	KPR Institute of Engineering and Technology, Coimbatore
833	Quantum Inspired Multi Objective Optimization Framework for Electric Vehicle Powertrain Design	Dr. G. Ramkumar		Professor	ECE	Saveetha School of Engineering
834	Hybrid Physics Informed Neural Network for Thermal Aware Electric Vehicle Battery Management	T P Ramachandran		Professor	ECE	Saveetha School of Engineering

836	Causal Inference Based Predictive Framework for Electric Vehicle Energy Consumption Forecasting	T P Ramachandran		Professor	ECE	Saveetha School of Engineering
838	Quantum Reinforcement Learning Assisted Spectrum Allocation Framework for Sixth Generation Networks	Dr.P.Shyamala Bharathi		Associate Professor	Electronics and Communication Engineering	Saveetha School of Engineering, SIMATS Chennai
841	Probabilistic Graph Learning Based Anomaly Detection Framework for Internet of Things Security	Dr M Tamilselvi		Associate Professor	ECE	Saveetha School of Engineering, SIMATS Engineering, Chennai
842	Quantum Reinforcement Learning Driven Adaptive Resource Allocation for Internet of Things Devices	Dr M Tamilselvi		Associate Professor	ECE	Saveetha School of Engineering, SIMATS ENGINEERING, Chennai
843	Probabilistic Capsule Diffusion Framework for Uncertainty Aware Medical Image Reconstruction	Dr.S.AGNES SHIFANI	-	Associate Professor	ECE	Saveetha School of Engineering, SIMATS, Chennai
844	Topological Data Analysis Driven Deep Network for Structural Medical Image Interpretation	Dr.S.AGNES SHIFANI	-	Associate Professor	ECE	Saveetha School of Engineering, SIMATS, Chennai

845	License Plate Recognition System Using Traditional Image Processing and OCR on KRIA KR260 (CPU-Based Implementation)	Ms. Turlapati Devi Sree Varshini (Student), Ms. Sruthi Madhavan (Student), Ms. Safa Nazim (Student), Dr. Sai Krishna Kondoju (Associate Professor)		Student	ECE(Electronics and Communication Engineering)	Chaitanya Bharathi Institute of Technology(CBIT),Gandipet,Hyderabad
846	CrackSentinel-MobileNet: A Lightweight Transfer Learning Framework for Automated Structural Surface Crack Detection in Civil Infrastructure	Mr. Arjun G	Mr. Richard Shaju	Student	Computer Science and IT	Amrita Vishwa Vidyapeetham School of Computing Kochi, India
847	IoT-Enabled Next-Generation Smart Grids: Technologies, Applications, and Security Perspectives	Ms. Diksha		Research Associate	UIE	Chandigarh University
849	Energy Optimization in Wireless Sensor Networks using Machine Learning Algorithms	Potnuru Karthik		Student	ECE	Koneru Lakshmaiah Education Foundation, Bowrampet, Hyderabad,
852	EfficientNet-based Cotton Disease Detection and Disease Treatment Support System for Smart Farming	Mr Uday N		Student	Computer science and engineering	Reva University

854	CampusBite: A Machine Learning-Enabled Framework for Predictive Food Demand Modeling and Quality Evaluation in Sustainable Campus Dining Systems	Mr. Apalok Roy	NA	Assistant Professor	CSE(IOT CS BT)	Institute of Engineering & Management, University of Engineering and Management, Kolkata
855	GNN-RL APF Switching Controller for Power Quality Enhancement in Renewable Integrated Grids	R.Manimegalai	NA	Associate Professor	Electrical and Electronics Engineering	Saveetha School of Engineering, Saveetha Institute of Medical and Technical Sciences, Saveetha University
859	Wireless Communication Technologies for Electric Vehicles: Architecture, Protocols, Performance Analysis, and Future Directions	Dr.Kuzhaloli S	Nil	Associate Professor	EEE	Saveetha School Engineering, Saveetha Institute of Medical and Technical Sciences, Chennai
861	Adaptive Exploration and Curriculum Learning for Multi-Agent Reinforcement Learning	ADWAITH - B		Student	Computer science and IT	Amrita Vishwa Vidyapeetham kochi
864	A Solar Powered Automated Electric Vehicle	Mr. Sreehari Siju,	Dr. Vijikala V, Mr. Harishankar K R, Mr. Prashob Francis , Mr. Paul Sadric	Assistant Professor and students	ELECTRICAL AND ELECTRONICS ENGINEERING	Sahrdaya College of Engineering and Technology
865	IRIS A Real-Time Gaze-Controlled Wheelchair System for Individuals with Severe Motor Impairments Using Intensity-Based Iris Localization	Ms. Lakshmi K	Mr. Karthik R Nair, Mr. Manas Shukla, Ms. Manasa Rajeev	Student	Electrical and Electronics Engineering	Amrita Vishwa Vidyapeetham

867	LifeSustain: A Digital Platform for Sustainable Redistribution of Essential Surplus Resources.	MS Harika Pothina		Student	Information technology	Siddhartha Academy of Higher Education.
869	A Hybrid Graph Neural Network-based Adaptive Routing Optimization in Software-Defined Networks	Dr. Ramani Kasarapu	N.Kundan Kumar A.G.Srideep ReddyC. Kushwanth N.Nikhil, UG Student	Professor	School of CSE	GITAM (Deemed to be University), Bengaluru, India
871	Multi-Queue Priority-Based Scheduling for Real-Time Edge Computing Applications	Mr Shibang Maity	Roshan Panda	student	School of Computer Engineering	Kalinga Institute of Industrial Technology (KIIT)
874	AI-Driven Adaptive Task Offloading in Fog–Cloud Architecture for Smart Healthcare Monitoring	Mr. Priyanshu Sekhar Bhuyan	Mr. Rishav Kumar Shrivastava	Student	School of Computer Engineering	KIIT University
877	Hybrid ConvLSTM–ST-GAT with Temporal Self-Attention for Spatiotemporal Crime Hotspot Prediction and Cross-City Generalization	Mr Harsh Mangesh Dagare		Student	School of Computer Engineering	Manipal Academy of Higher Education
879	Gender Bias Detection and Mitigation in Income Prediction Using Machine Learning	Shreya Gupta		Student	School of Computer Engineering	Manipal Academy of Higher Education

882	Dynamic Control and Optimization of Distributed Energy Resources in a Microgrid Using PSO, GA, and Machine Learning	Uttam M, Parvathy Sâ^—, Sangamithraa S, Devamithra Bimal, Dhev Sanjay J, Sindhu Thampatty K. C.		Student	Electrical and Electronics Engineering	Amrita Vishwa Vidyapeetham, Coimbatore
898	RL-NLP APT: Machine Learning-Based Adaptive English Proficiency Testing for Personalization	B. Anitha Vijayalakshmi		Assistant Professor	Department of ECE	Saveetha School of Engineering Saveetha Institute of Medical and Technical Sciences, Saveetha University Chennai, India
902	Hybrid AI-Based Substance Identification Using Multienergy X-Ray Imaging Enabled by Perovskite Detectors	Dr. Soni Singh		Associate Professor	DBTLS	IAS, Mangalyaan University, Aligarh
915	A Hybrid CNNâ€”Transformer Framework with Wavelet-Based Feature Extraction for Multimodal Cancer Detection	Dr. Rani Venkata Satya Praveen	Deepika Upadhyay, Dr.S.Manikandan, Ravi Teja Aida, Soni Singh, Mr S.Ohmshankar	Assistant Professor	Department of Computer Science and Engineering	Geethanjali College of Engineering and Technology
916	Comprehensive Review of Electric Vehicle Charging Technologies, Architectures, Power Flow Mechanisms, and Standardization Frameworks	Dr.S.GOMATHI	-	Professor	Electrical and Electronics Engineering	Saveetha School of Engineering, Saveetha Institute of Medical and Technical Sciences
917	Development of an AI-Driven Multi-Sensor Health Monitoring System for Real-Time	Mr. Salman Al Fariz		Student	B Tech, CSE(CORE)	SRM Institute Of Science And Technology

	Physiological Analysis and Insight Generation					
924						

934	Application of SHOA for Disaster-Resilient Multi-Objective Optimization of Prosumer-Based Practical Indian Distribution System	Mr. Devareddy Harsha		Assistant Professor	Electrical Engineering	National Institute of Technology Mizoram, Aizwal, 796012, India
940	A High-Resolution Data Fusion Framework for Waterbody assessment Using Sentinel-2 and Meta-Ensemble Learning	Amirtha Varshini S		Student	Computer Science and Engineering	Sri Ramakrishna Engineering College
941	Bifurcation Control of SSR by Battery-Fed STATCOM	Dr R.C. MALA	NIL	Associate Professor	School of Electrical Engineering	Manipal Institute of Technology
945	Cbam Based Swin-Unet Model For Diabetic Retinopathy Detection Using Retinal Fundus Images	Mr. Joyel P R		Research Scholar	CSE	Jyothi Engineering College Cheruthurthy
948	AI-Based Predictive Thermal Control for Neonatal Incubators Using Digital Twin	Dr. Ashwini A	-	Associate Professor	Department of ECE	Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology
950	Phishguard AI: Real-Time Phishing URL Detection using Explainable AI and Community Threat Intelligence	Dr. Kingsy Grace R		Professor	Computer Science and Engineering	Sri Ramakrishna Engineering College

951	Green Access: A Hybrid Multi-Feature Adaptive Machine Learning Framework for Predicting National Electricity Access in Sustainable Energy Transitions	Dr.Valantina Stephen	Nil	Associate Professor	Electrical and Electronics Engineering	Saveetha School of Engineering,SIMATS
952	Automatic Medical Dispatch and Remote Monitoring System Using IoT	Mr. Harish Cholleti		Assistant Professor	Electrical and Electronics Engineering	Chaitanya Bharathi Institute of Technology, Hyderabad, India
956	Algal Bloom Detection using Regression and Hyperparameter Tuning	Ms. Sreelakshmi C		PG Scholar	Dept. of AI and DS.,	Jyothi Engineering College
957	A Novel Two-Stage Residual- Stacking Framework for Photovoltaic Power Output Prediction	Dr.S.Gomathi	-	Professor	Electrical and Electronics and Engineering	Saveetha School of Engineering,Saveetha Institute of Medical and Technical Sciences Saveetha University, Chennai
970	Early Alzheimer's Disease Detection Using a Hybrid Deep Bayesian Graph Transformer (HDBG-T)	Dr.S.V.Divya		Professor	Artificial Intelligence and Data Science	KPR Institute of Engineering and Technology, Coimbatore
991	SHOA-Based Optimal DER Placement Considering EV Charging Dynamics in Indian Radial Distribution System	Mr. Raghavendra Badri Vishal Bandri		Student	Electrical and Electronics Engineering	Chaitanya Bharathi Institute of Technology, Hyderabad,500075, India.
999	Differential Evolution-Based Secure Smart Energy Management with Demand Response and DER Integration	Kondapally Srikanta		Student	Electrical and Electronics Engineering,	Chaitanya Bharathi Institute of Technology, Hyderabad,500075, India

1019	Fake News Analysis using OCR and RAG: A Hybrid Ensemble Framework for Multimodal Misinformation Detection	Ms. CHEMPAVATHY B	-	SENIOR ASSISTANT PROFESSOR	COMPUTER SCIENCE AND ENGINEERING	NEW HORIZON COLLEGE OF ENGINEERING
1020	SehatSanketh: A Unified AI Healthcare Platform for Triage Classification, Readmission Prediction, and Multilingual Medical Translation for Indian Healthcare.	Ms. CHEMPAVATHY B	-	SENIOR ASSISTANT PROFESSOR	COMPUTER SCIENCE AND ENGINEERING	NEW HORIZON COLLEGE OF ENGINEERING
1022						
1024	An AI-Driven Multimodal User Experience Optimization Framework for Device-Mesh Environments	Dr.D.Santhakumar		Professor	CSE	Saveetha School of Engineering
1025	Immune-Regulated Swarm Intelligence for Energy- Stable Routing in Mobile AdHoc Networks	Dr.D.Santhakumar		Professor	CSE	Saveetha School of Engineering
1026	Attention-Enhanced Multi-Task U-Net for Breast Cancer Detection and Automated Risk Assessment	Dr. Satyakam Baraha		Assistant Professor	Electronics and Communication Engineering	Sri Sivasubramaniya Nadar College of Engineering, Kalavakkam

1030	Improve Smart City Operations through the Use of AI and the Internet of Things for Adaptive Management of Urban Infrastructure	Kumaresan P	NA	Research Scholar	Department of Electrical and Electronics Engineering	Adhi College of Engineering and Technology
1031	Integration of IIoT and Machine Learning to Enhance Predictive Maintenance Models for Industrial Equipment Health Monitoring	T. Saveetha	NA	Research Scholar	Department of AI&DS	Adhi College of Engineering and Technology
1043	A Revolutionary Deep Learning System for Clothes Suggestions: Convolutional Neural Networks (CNN) Feature Learning Combined with Generative AI and User Interaction Logs	A. Jaya Mabel Rani	NA	Research Scholar	Department of Computer Science and Engineering	Saveetha School of Engineering, Saveetha Institute of Medical and Technical Sciences, Saveetha University
1044	An Innovation of Machine Learning in Mental Health: Predicting Mood in Real-Time using Bio signals from Wearable Devices and Patterns of Mobile Phone Use	A. Jaya Mabel Rani	NA	Research Scholar	Department of Computer Science and Engineering	Saveetha School of Engineering, Saveetha Institute of Medical and Technical Sciences, Saveetha University

1047	Innovative Machine Learning and the Internet of Things for Smart Buildings with Low Energy Use: A Revolutionary Learning Optimization Framework	Ragupathy P	NA	Assistant Professor	Department of EEE	Rajalakshmi Engineering College
1051	The Implementation of Augmented Reality (AR) in Biomedical Technologies: A Fresh Approach to Interactive Visualization in Preoperative Planning and Surgical Education	Deepak Franklin P	NA	Assistant Professor	Department of Electronics and Communication Engineering	S.A. Engineering College (Autonomous)
1056	Employ VR and ML for Tailored Education: Revolutionize Intelligent Learning Platforms	R Ramya	NA	Research Scholar	Department of Artificial Intelligence and Data Science	Misrimal Navajee Munoth Jain Engineering College
1058	Advances in Blockchain and Machine Learning for Privacy-Preserving Healthcare Data Processing: A New Secure Analytics Framework	T Anurada	NA	Assistant Professor	Department of CSE (AI&ML)	Sri Sai Ram Engineering College
1068	Optimized Hybrid Ensemble Learning Basis for Accurate Breast Cancer Detection	Mrs. Vimala P	Nil	Research Scholar	CSE	Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology

1069	Innovative Artificial Intelligence-Based Environmental Monitoring System: Emissions and Air Quality Predictions Using Data from Multiple Sensors and Deep Learning	K. Sivakumar	NA	Assistant Professor	Department of Chemistry	Vels Institute of Science, Technology & Advanced Studies (VISTAS)
1072	Implement Quantum Computational Models with Big Data Analytics: An Architecture for High-Volume Data Processing	Bantupalli Nagalakshmi	NA	Assistant Professor	Department of CSE	Ravindra College of Engineering for Women
1073	Apply AI with Edge Computing: Creating Low-Latency Inference Possible for Life-or-Death Applications in Healthcare and Industry	D.M.kalai selvi	NA	Research Scholar	Department of Computer Science and Engineering	R.M.D Engineering college
1075	Monitoring Atmospheric Methane Emissions at Fine Spatial Scales using EnMAP Imaging Spectroscopy and Data-Driven Retrieval Methods	Dr. D. Karthikeyan		Assistant professor	Electrical and Electronics Engineering	SRM Institute of Science and Technology

1077	Dynamic Electricity Pricing Forecasting in Renewable Energy Based EV Charging Stations Using Adaptive Kolmogorov-Arnold Graph Network	Mr. Shawn Padikkala		Assistant Professor	Jyothi Engineering College	APJ Abdul Kalam Technological University
1078	Machine Learning Model for Shipment Delay Prediction	Mr. Rajiv N Thakker	Karan Vishwakarma (Attendee)	Student	School of Computer Application Technology	Galgotias University
1085	Designing Persistent Intelligence in Marketing Agents: A Hybrid Memory Retrieval Framework for Context-Aware Knowledge Generation	Mr Raunak Kumar		senior manager	GTM Analytics@ Intercom	Independent Researcher
1086	Reconceptualizing Observability for Agentic AI Systems: A Trace-Centric Architecture for Interpreting Non-Deterministic Workflow Behavior	Mr ANKUR GUPTA		Independent Researcher	Senior Staff TPM	Syracuse University
1087	Hidden Coordination Costs in Multi-Agent AI Systems: A Comparative Study of Communication Efficiency Across LangGraph, CrewAI, and OpenAI Agents	Mr Shania Rasheed Nalagath		Product Manager @ Microsoft	icloud	microsoft

1090	Machine Learning-Assisted Design of a Wideband Compact Corporate-Fed Quad-Branch Pentagon Microstrip Patch Antenna for mmWave 2X4-Element MIMO 6G Applications	Dr. Maria Anto Bennet	Nil	Professor	ECE	Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology
1094	Aircraft Detection in Satellite Imagery using Deep Learning Object Detectors	Mr. Mujahir Hussain Abbasi		AI Engineer	Department of Information Technology	Maulana Abul Kalam Azad University of Technology
1096	Quantifying and Controlling Defect Amplification in Multi-Stage ELT Pipelines Using Directed Acyclic Transformation Models	Mr Divyakumar Deepak Savla		independent researcher	independent researcher	independent researcher
1101	Reinforcement Learning-Based Hybrid System for Autonomous Pest Detection and Control in Sustainable Agriculture Using IoT and Drone Networks	Satishkumar Patnala		Assistant Professor	Department of CSE-AI&ML	GMR Institute of Technology (GMRIT) - Deemed to be University, Rajam, Andhra Pradesh
1102	Design and Development of Coupled Inductor Interleaved Boost Converter for High Voltage EV Charging Applications	Mr. Mohammed Muzammil Enam		Product Safety Engineer	Electrical and Electronics Engineering	Sathyabama Institute of Science and Technology

1106	A Stacking Enriched Explainable Machine Learning Approach for Multiclass DoS Attack and Network Intrusion Prediction	Kahakashan Ashraf		student	CSE	Chittagong university of engineering and technology
1107	HawkEye Drone UAV for advanced landmine detection and autonomous control	JAIBALAJI S T	KROSHNAVISHWA C B	UG STUDENT	ECE	R.M.D. ENGINEERING COLLEGE
1108	Trends and Advances in Learning-Based Emotion Recognition Across Heterogeneous Data Modalities	Mrs. Jasmine George	Dr. Menaka D	Research Scholar	Electrical And Electronics Engineering	Noorul Islam Centre for Higher Education Kanyakumari, Tamil Nadu, India.
1109	HADGL: A Hierarchical Attention-Based Graph Learning Framework for Multi-Tier Supply Chain Disruption Prediction	Mr Jatin Yadav		Independent Researcher	Independent Researcher	Independent Researcher
1114	Implementation and Comparative Analysis of Rank Attack Mitigation Models in RPL-Based IoT Networks	Ankisetty Abhishake Sai Balaji	NO	Student	Computer Science and Engineering	Vignan's Foundation for Science, Technology & Research
1118	Integration of Thermoelectric Energy Harvesting with IoT-based Home Automation	Ms. Vuppala Krithisha		Student	Electrical and Electronics Engineering,	Chaitanya Bharathi Institute of Technology (CBIT), Hyderabad, 500075, India.

1124	End-to-End LoRaWAN-Based IoT System for Real-time Athlete Tracking in Endurance Races	Mr Chukkala Abhinav Reddy		Student	Electronics and Communication Engineering	Chaitanya Bharathi Institute of Technology
1125	Low-Power Physical Design Analysis of FIFO Architectures in 28nm CMOS Using Clock Gating	Ms GVVK Mahalakshmi Tanmayi		Student	Electronics and Communication Engineering	VNR VJIET
1126	Hybrid Artificial Neural Network and Genetic Algorithm-Based Model for Energy Management in Solar Smart Lighting Systems	Gourav Kalra		Assistant Professor	Department of Mechanical Engineering (AIML)	Maharishi Markandeshwar (Deemed to be University), Mullana, Ambala, Haryana
1128	A Hybrid CNN-XGBoost Model with Ant Colony Optimization (CXGA)for Satellite-Based Crop Yield Prediction Using Multi-Source Data	Dr.S.V.Divya		Professor	Artificial Intelligence and Data Science	KPR Institute of Engineering and Technology, Coimbatore
1129						
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1132	Biogas-Based Decentralized Power Generation for Rural Electrification	Mr. Md. Mahibullah		student	Electrical, Electronic and Communication Engineering	Military Institute of Science and Technology (MIST)

1135	Development of Embedded Systems with Blockchain Technology for Safe Firmware Updates: Electronic Control Units (ECUs) for Vehicles	Viswaprakash Babu	NA	Research Scholar	Department of Electrical and Electronics Engineering	School of Agricultural Engineering and Technology Kaveri University
1139	Integrate Deep Learning and Image Processing to Improve Low-Contrast Medical Images: Advancements in Image Enhancement	Arivu Selvam B	NA	Assistant Professor	Department of ECE	Easwari Engineering College
1141	Development of RBFNN Machine Learning MPPT Algorithm for Improved KSK Converter	Dr. G. Vasumathi		Assistant Professor	Electronics and Communication Engineering	Bharath Institute of Science and Technology, Bharath Institute of Higher Education and Research
1142	A Trust-Aware ICN–Block Chain Framework for Secure VANETS Enabled by PBFT	Mrs. Jinsha Lawrence		Assistant Professor	Computer Science and Engineering	Karpagam Academy of Higher Education (Deemed to be University),
1148	Graph Spectral Fusion of decomposed physiological signals for real time Human stress detection	Mrs Aswathy Anand		Assistant professor	Computer Science and Engineering	BMC Engineering College
1149	Explainable and Generative AI for Smart Grids: A Unified Framework and Research Directions	Sakshi Thakur		Research associate	CSE	Chandigarh University

1150	Energy-Efficient Transformer Framework for MPPT and Harmonic Mitigation in Multilevel Inverters	Dr. Deepa.B.R		Assistant Professor	Dept. of EEE,	Rajadhani Institute of Engineering and Technology,
1152	Marketing in the Mirrorworld: Investigating Consumerâ€™Brand Interaction and Trust in Immersive Metaverse Commerce Environments Using Behavioral Modelling	Dr Amit Verma		Assistant Professor	Commerce	Kalicharan PG College, Lucknow, Uttar Pradesh, India
1153	Spiking Neural Network Based Intrusion Detection Framework for Manet Security Using White Shark Optimization	R. Ramya		Associate Professor	Electronics and Communication Engineering	Saveetha Institute of Medical and Technical Sciences (SIMATS)
1154	Human Stress Detection Using Reindeer Optimization-Driven Multi-Scale Attention Residual Network Architecture	Mr. Mujahir Hussain Abbasi		AI Engineer	Information Technology	Maulana Abul Kalam Azad University of Technology
1165	A Soft Voting Ensemble and Transfer Learning Based Multi-class Skin Disease Prediction Using ResNet50 and EfficientNetB0 Models	Kahakashan Ashraf		student	CSE	Chittagong university of engineering and technology

1166	SONAR VISION: ACOUSTIC PERCEPTION FOR NAVIGATION AND MAPPING	MRS P S DIVYA		ASSISTANT PROFESSOR	ECE	VEL TECH HIGH TECH DR RANGARAJAN DR SAKUNTALA ENGINEERING COLLEGE
1170	SMART WEATHER STATION WITH VIBRATION BASED EARTHQUAKE ALERT	Mrs.R.THARANI		Assistant Professor	ELECTRONICS AND COMMUNICATION ENGINEERING	VEL TECH HIGH TECH Dr RANGARAJAN Dr SAKUNTHALA ENGINEERING COLLEGE
1172	Stereo Vision Disparity Map Algorithm for Depth Estimation and 3D Reconstruction	Dr. DEVINENI GIREESH KUMAR		Associate Professor	CSE (AI&ML)	SREYAS INSTITUTE OF ENGINEERING AND TECHNOLOGY
1191	1D-CNN-Based Fault Diagnosis for Traction Motors Using Vibration and Current Signals	S MURUGAN		Adjunct Professor	Department of Biomedical Engineering	Saveetha School of Engineering, Saveetha Institute of Medical and Technical Sciences, Saveetha University
1192	Explainable and Risk- Aware Artificial Intelligence Framework to Recommend Crop and Predict Market Prices	Ms Bharathi V		Student	Artificial Intelligence and Data Science	St Joseph's Institute of Technology, Chennai
1195	An AI-Driven Framework for Intelligent Conference Recommendation and Research Manuscript Analysis	Jayasri R		Student	Artificial Intelligence and Data Science	St Joseph's Institute of Technology
1196	AI-Based Digital Twin System for Personalized Student Learning and Performance Optimization	Maria Benedict S S		Student	Artificial Intelligence and Data Science	St Joseph's Institute of Technology

1197	Chennai Event Show AI: An Intelligent Event Aggregation and Recommendation System Using Machine Learning	Nebal Akash S		Student	Artificial Intelligence and Data Science	St Joseph's Institute of Technology
1198	SmartAid – AI-Enabled First Aid Box for Injury Detection and Treatment Recommendation	Priya P		Student	Artificial Intelligence and Data Science	St Joseph's Institute of Technology
1204	A Multidimensional Trust Fusion and Transmission Path-Backtracking Framework for Secure Communication in VANETs	Dr. S. Beghin Bose		Assistant Professor	School of Computational and Physical Sciences	Kristu Jayanti (Deemed to be University)
1207	Real Time AI/ML Based Phishing Detection and Prevention System	Ms.Nikita C Badami		Student	Mtech in computer science and engineering	New horizon college of Engineering Bangalore
1217	A Self-Describing QR Anchor Framework for Blockchain-Secured Document Verification and Forgery Detection	Mr Brijesh Sandal		Reserch scholar	Computer Science	Chandigarh university
1220	Multinomial Logistic Regression for Predicting Sustainability Levels in Rural Ecotourism Areas	Dr. MONISHA R		ASSISTANT PROFESSOR	Department of Management Studies	St. Joseph's College of Engineering
1222	Optimal Placement of Distinct Size EV Charging Stations Using Exhaustive Search and BFS Load Flow	Tanvir Ahammed Rahat		Student	Electrical,Electronics and Communication Engineering(EECE)	Military Institute of Science and Technology(MIST)

1223	Performance Assessment of Metaheuristic-Optimized PID Controllers for Multi-Area LFC	MD ABUZAR GEFARI		Student	Electrical, Electronic and Communication Engineering	Military Institute of Science and Technology (MIST)
1224	Trust-Aware AI Scheduling with Confidence Calibration and Failure Handling	Ms Lotus		Student	CSE	Chandigarh University, Mohali, Punjab, India
1225	A Real-Time Workload Monitoring- Based Intelligent Auto-Scaling Framework for Cloud Systems	Ms. Nikita Singh, Dr. Meenu Gupta, Dr. Rakesh Kumar, Mr. Ayush Garg		Student	Computer Science & Engineering	Chandigarh University
1226	An End-to-End Cloud-Based Pipeline for Real-Time Content Moderation in Social Media Platforms	Navodit kaundal	Rakesh kumar , Meenu gupta , Pruthvi Raj Seknametla	Student	ME computer science	Chandigarh university
1227	Adaptive and Interpretable Access Control for Serverless Applications using Reinforcement Learning	Dr. Meenu Gupta		Professor	Computer Science & Engineering	Chandigarh University, Punjab, India
1228	A Decentralized Blockchain Framework for Secure and Privacy-Preserving Healthcare Data Management	Dr Akshya J	NA	Assistant Professor	Computational Intelligence, School of Computing	College of Engineering and Technology, SRM Institute of Science and Technology, Kattankulathur
1229	Explainable Machine Learning Framework to Predict Corporate Bankruptcy	Ms. Kanchan		Student	Department of CSE	Chandigarh University, Mohali, Punjab, India

1231	Ensemble Learning Based Heart Disease Prediction with Explainability and Threshold Optimization	Mr Lovish Kishore		Student	Department of CSE	Chandigarh University, Mohali, Punjab, India
1232	AI-Based Personalized Movie Scene Reimagining System: A Framework for Text-Guided Video Synthesis and User-Controlled Scene Manipulation	Mr.Thupakula Venkata sumanth		Student	CSE (AI&ML)	Chandigarh University
1234	Rotatory Machine Fault Detection Using CNNs on Spectrogram Signal Data	Mr. S Murugan		Adjunct Professor	Department of Biomedical Engineering	Saveetha School of Engineering, Saveetha Institute of Medical and Technical Sciences, Saveetha University
1235	Design and Analysis of High Speed Permanent Magnet Synchronous Generator for Grid Tied System using Falcon Optimized PI Controller	Mr. Gadupudi Lakshminarayana		Assistant Professor	Department of Electrical and Electronics Engineering	VNR Vignana Jyothi Institute of Technology,
1238	Blockchain-Enabled Cybersecurity Techniques, Challenges, and Future Directions for Secure Smart Grids	Fathima Basheer		Research Associate	University Centre for Research and Development	Chandigarh University, Mohali, Punjab
1248	Adaptive Collaborative Filtering Approach for Smart Digital Library Recommendation Systems	Dr. Monisha R		Assistant Professor	Department of Management Studies	St. Joseph's College of Engineering

1265	Wireless Sensor Network for EEG-Based Epileptic Seizure Detection Using Edge Intelligence	Dr. N Mohankumar		Professor	COMPUTER SCIENCE AND ENGINEERING	SYMBIOSIS INSTITUTE OF TECHNOLOGY, NAGPUR CAMPUS, SYMBIOSIS INTERNATIONAL (DEEMED UNIVERSITY)
1266	Hybrid Fuzzy–Neural Network Approach for Energy Management in Solar-Powered Electric Vehicle Systems	Dr.V.Deepa	P Lalitha, B N Harish , Manivannan R, Dr. Amol Dattatray Sonawane, Dr.N.Meenakshi		Department of Information Technology, Sri Ramakrishna College of Arts & Science, Coimbatore, Tamil Nadu, India,	Sri Ramakrishna College of Arts & Science, Coimbatore, Tamil Nadu, India,
1275	HeatGuard: A Multimodal Deep Learning Architecture for Dynamic Prediction of Individualized Heat-Related Health Risks	Saravanakumar T		Student	Artificial Intelligence and Data Science	St Joseph's Institute of Technology
1317	Bi-LSTM-Based Adaptive Traffic Prediction for Software-Defined Networks	Sankara Rao Allada		Research Scholar	Electronics and Communication Engineering	Vignanâ€™s Institute of Engineering for Women (Autonomous)
1321	Distributed Reinforcement Learning for Cooperative UAV--UGV Formation Control with Multirate Dynamics	Sankara Rao Allada		Research Scholar	Electronic and Communication Engineering	Vignanâ€™s Institute of Engineering for Women (Autonomous)
1322	Reinforcement Learning-Enabled Closed-Loop Adaptive Control Soft Robots for Biomedical Applications	DR. SITHARA GOPINATH	Dr Kavitha V K Associate Professor Department of CSE TKM Institute of Technology, Kollam	ASSOCIATE PROFESSOR	DEPARTMENT OF ARTIFICIAL INTELLIGENCE	BASELIOS MATHEWS II COLLEGE OF ENGINEERING, SASTHAMKOTTA, KOLLAM

			kavithaniji123@gmail .com Prof. Jayakrishnan. R Assistant Professor Department of Computer Science and Engineering Baselios Mathews II College of Engineering, Sasthamkotta, Kollam Dr. Anoop Sreekumar Associate Professor Department of Computer Science and Engineering Baselios Mathews II College of Engineering, Sasthamkotta, Kollam			
1323	Physics-Informed Hybrid CNN– Transformer Framework for Real- Time Microstructure- to-Property Prediction in Smart Biomaterials	Dr. SITHARA GOPINATH	Dr. Sreekanth. S Associate Professor Department of Electrical and electronics Engineering Baselios Mathews II College of Engineering, Sasthamkotta, Kollam, Dr. Ashwin. V. H Associate Professor	ASSOCIATE PROFESSOR	DEPARTMENT OF ARTIFICIAL INTELLIGENCE	BASELIOS MATHEWS II COLLEGE OF ENGINEERING, SASTHAMKOTTA, KOLLAM

			Department of Artificial Intelligence Baselios Mathews II College of Engineering, Sasthamkotta, Kollam. Mrs. Gimy Joy Assistant Professor Department of Computer Science & Engineering Baselios Mathews II College of Engineering, Sasthamkotta, Kollam Dr. Sithara Gopinath Associate Professor Department of Artificial Intelligence Baselios Mathews II College of Engineering, Sasthamkotta, Kollam			
1324	Design of an intelligent control system to drive a prosthetic limb using EMG signals from the human body, powered by Artificial Intelligence	Dr. SITHARA GOPINATH	Mrs. PREETHI B Assistant Professor Department of Artificial Intelligence Baselios Mathews II College of Engineering, Sasthamkotta, Kollam Dr. GOURI. M. S	ASSOCIATE PROFESSOR	DEPARTMENT OF ARTIFICIAL INTELLIGENCE	BASELIOS MATHEWS II COLLEGE OF ENGINEERING, SASTHAMKOTTA, KOLLAM

			Associate Professor Department of Computer Science & Engineering Baselios Mathews II College of Engineering, Sasthamkotta, Kollam Mrs. DEEPTHY S Assistant Professor Department of Computer Science and Engineering Sree buddha College of Engineering, Pattoor Dr. SITHARA GOPINATH Associate Professor Department of Artificial Intelligence Baselios Mathews II College of Engineering, Sasthamkotta, Kollam			
1325	AI-Integrated Smart Clinical Infrastructure for Adaptive Patient Outcome Prediction and Healthcare Automation	Ms Karthika soman		Research Scholar	Management Studies	Noorul Islam Centre for Higher Education
1326	Design and Implementation of an FPGA-Based Neopixel	Mr. Sreehari S		Student	Electronics and Communication Engineering	Amrita Vishwa Vidyapeetham, Amritapuri, Kollam, India

	LED Driver Using Verilog HDL					
1330	Blockchain Based Secure Record Management System for Maternity Leave and Employee Welfare Administration	Ms. Shikha Pant	-	Ph.D. Scholar	Law	School of Legal Studies, Jigyasa University (formerly Himgiri Zee University), Dehradun
1333	Solar-Powered LoRa-Based IoT Smart Farming System.	Gautham N		Student	Electronics and communication engineering	Sahyadri college of engineering and management
1334	AI-driven Smart Showrooming Framework for Personalized Customer Engagement & Omnichannel Retail Intelligence	Ms Nandana Jayakumar	Dr Aiswarya V Kumar	Research Scholar	Management studies	Mahaveer University
1335	AI Driven Asset Management System with Predictive Analytics	Md Taufique		Student	Computer Science and Enginneering	Galgotias University
1336	Digital Twin-Assisted Computer Vision Framework for Industry 5.0 Smart Manufacturing Applications	Dr. Shiji. S. K, Associate Professor EEE, Bmce	Dr. Anil J, Dr. Samla Salim	Asst. Professor, Mbcet Nalanchira :,Asst professor LBS poojapura	EEE, ECE	Mbcet Nalanchira, LBS poojapura
1337	Intelligent Medical Image Analysis for Osteoporosis Classification Using Red Deer Optimized Attention Transformer	Mr. T.K. PradeepKumar		Assistant Professor	Computer Science and Engineering	AMC Engineering College, Bangalore
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1343	Video Streaming Optimization Using On-Demand Transcoding and Two-Level Cache	Aman Patel		Student	Computer Science Engineering	Galgotias University
1346	IoT-Enabled Hybrid SVM&rdquoRandom Forest Based Model for Real-Time Air Pollution Prediction in Smart Cities	Dr.Sandeep Dongre		Professor of Practice, Symbiosis Institute of Business Management (SIBM) Nagpur, Constituent of Symbiosis International (Deemed University), Nagpur, Maharashtra,	Business Management (SIBM) Nagpur,	Symbiosis Institute of Business Management (SIBM) Nagpur, Constituent of Symbiosis International (Deemed University), Nagpur, Maharashtra,

1348	A Comprehensive Review of 5G Security Architecture and Quantum-Safe Communication Using Quantum Key Distribution and Post-Quantum Algorithms	Ms. Neethu Susan Alex		Research Scholar	Department of Electronics and Communication Engineering	Vels Institute of Science, Technology& Advanced Studies, Chennai, India.
1350	Real-Time Edge Computing Framework for Drowsiness Detection in ITS using CLBP	Mr. Sumit Sharma		Assistant Professor	Computer Science Engineering	Chandigarh University
1352	The Role of Risk Index, Infrastructure Index, and Education-Health Interaction in Predicting Child Marriage in India: A Machine Learning Approach.	Mr Aditya Bhatt B		Engineering Student	Electrical and Electronics	Amrita Vishwa Vidiyapeetham , Amritapuri
1357	A Multi-View Vision-Based Framework for Cricket Shot Analysis with Kinematic Contact Detection and Biomechanical Evaluation	Mr. Shubh Rastogi		Student	Amity Institute of Information Technology	Amity University Uttar Pradesh
1359	AI-DRIVEN ADAPTIVE SHARDED BLOCKCHAIN WITH ZERO-KNOWLEDGE TRACEABILITY (AASB-ZKT) FOR SMART SUPPLY CHAINS	Mr.SREEKUMAR R	Nil	Research Scholar	Mechanical	MAR BASELIOS COLLEGE OF ENGINEERING AND TECNOLGY , THIRUVANANTHAPURAM

1366	Explainable AI for Electric Vehicle Charging Optimization: Challenges, Opportunities, and Future Directions: A Review	Mr. Rahul R		Research Scholar	Electrical and Electronics Engineering	Vels institute of science technology & advanced studies
1367	Hybrid AI-Driven CFD Modelling of Nano-PCM Assisted Microchannel Cooling for High-Performance Electronic Devices: A Review	Mr.Renjith T		Research Scholar	Mechanical Engineering	Vels Institute of Science, Technology and Advanced Studies, Chennai, India
1369	XDT-SG: Explainable AI-Driven Digital Twin Framework for Real-Time Fault Prediction and Self-Healing Smart Grids	Dr.Muthuraman Subbiah		Lecturer	Engineering	University of Technology and Applied Sciences
1376	AI and IoT Based Smart Traffic Management for Intelligent Transportation Systems	Ms M.Rakahana	Ms N. Mary Andria	Student	Civil engineering	Government college of engineering tirunelveli
1377	FPGA-Based Implementation and Simulation of a 3x3 Convolution Accelerator for Edge Detection.	Ms Aysha Pareekutty		Student	Electronics and Communication Engineering	Amrita Vishwa Vidyapeetham
1378	MCSafe-GSN-HOL: A Formal Assurance Framework for Machine-Checkable Safety Cases of Deployed LLM Agents	Mr Aakash Abhay Yadav		Security Researcher	Security Researcher	Security Researcher

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1381	An Edge-Deployable Diabetic Retinopathy Screening Pipeline: EfficientNetB0 with Ben Graham Preprocessing and Grad-CAM Explainability	Mr Aadil Nizar	Ms Hima C	Student , Student	Computer Science and Engineering	Amrita Vishwa Vidyapeetham
1385	AI-Enabled Digital Twin Framework for Real-Time Structural Health Monitoring and Damage Prediction in Smart Civil Infrastructure	Ms NAVAMI P M	Reshma m raju	Assistant professor	Civil engineering	BASELIOS MATHEWS II COLLEGE OF ENGINEERING SASTHAMCOTTA
1391	AN ADVANCED HYBRID VISION TRANSFORMER FOR MRI-BASED AUTOMATED BRAIN TUMOUR ANALYSIS	N Sangeetha		Student	DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING	AMRITA VISHWA VIDYAPEETHAM
1393	Design and Verilog Implementation of an Adaptive SEC-DED Based Fault-Tolerant DMA Controller with Dynamic Burst Optimization	Sruthy Arun		student	Department of Electronics and Communication Engineering	Amrita Vishwa Vidyapeetham
1395	A Cloud-Assisted Framework for Battery Fault Diagnosis and State Estimation via ThingSpeak IoT.	Dr. K. Dhineshkumar		Assistant Professor	Electrical and Electronics Engineering	KIT - KalaighnarKarunanidhi Institute of Technology,Coimbatore,Tamilna du

1396	FORGESENSE:LOW-COST MACHINE-LEVEL ENERGY AND COOLING MONITORING SYSTEM FOR METAL PROCESSING INDUSTRIES	Mr. TAMILVEL MUGUNTHAN S		Student	Electrical and Electronics Engineering	KIT-KALAIKARNKARUNANIDHI INSTITUTE OF TECHNOLOGY
1398	SpeakEasy: Learn, Listen & Speak with Confidence	Ms Shivani Verma	Mr. Kaushal Dagur	Student	Bachelor of technology	Galgotias University
1399	Predictive Artificial Intelligence Approaches for Accurate Drug Classification in Pharmaceutical Industry	Ms.Nazia Shaik		Senior IEEE Member	Information Technology	Smart Source Technologies, Inc
1404	Blockchain-Based Evidence Management System for Female Foeticide Litigation	Ms. Rashmi Negi Rawat		Research Scholar	Law College Dehradun,	Uttaranchal University, India
1405	ELT Pipelines Enhanced with Causal Intelligence for Reliable and Bias-Resilient AI Decision Systems	Mr Nitesh Laxmanrao Khapekar		Data Engineering Manager	AWS	Data Engineering Manager
1406	IoT and AI Integration for Monitoring Prenatal Diagnostics to Prevent Female Foeticide	Ms. Rashmi Negi Rawat		Research Scholar	Law College Dehradun,	Uttaranchal University, India
1407	Blockchain-Based Chain of Custody for Digital Forensic Evidence Integrity	Mansi Srivastava		Research Scholar	College of Legal Studies	COER University, Roorkee, India

1409	ML-Based Real-Time Landslide Susceptibility Mapping Using Multisource Geospatial Data and IoT- Enabled Soil Monitoring Systems.	Ms. Rakhi Ajayakumar	Ms. Gayathri A. R	Assistant Professor	Civil Engineering	Baselios Mathews II College of Engineering
1418	LiDAR-Based Autonomous Wheelchair Using ROS2 Navigation Stack	Ms. Dhanusha P B		Assistant Professor	Electronics Engineering	SAINTGITS College of Engineering
1421						
1422	Self-Evolving Spectrum Sensing Framework for 7G Networks Using Deep Reinforcement Learning	Divya H N		Assistant Professor	Computer Science And Engineering	Dayananda Sagar Academy of Technology and Management
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1439	Neuromarketing Meets Industry 4.0 An IoT-Driven Framework for Real-Time Consumer Behavior Monitoring	Dr. Prasenjeet Samanta		Assistant Professor	Uttaranchal Institute of Management	Uttaranchal University
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1454	AI-Enabled Intrusion Detection in Wireless Sensor Networks for Critical Infrastructure	Dr. Jayalakshmi V	-	Professor	Computer Applications – PG	Vels Institute of Science, Technology and Advanced Studies (VISTAS), Chennai, India

1456	Enhancing Power Regulation Using Bidirectional SEPIC with MPPT Based Fuzzy Logic for Navigation in Aerospace Vehicles	P.Muthukumar	Nil	Professor	EEE	Saveetha School of Engineering, SIMATS Engineering
1458	Comparative Performance Analysis of LFSR Techniques Using FPGA for Random Number Generation	P.Sanjay kartik		Student	EEE	PSG insitute of technology
1460						
1462	Real-Time CT-Based Renal Calculus Segmentation and Analysis	Mr. E. Veera Boopathy		Assistant Professor	Electronics and Communication Engineering	Karpagam Institute of Technology
1463	Graph Generative Reinforcement Learning for Autonomous Drone Network Self-Healing	Dr J Akshya	Dr Mani Deepak Choudhry (Not paid - Presenting Author) - Registered Author is not presenting	Assistant Professor	Computational Intelligence, School of Computing	SRM Institute of Science and Technology, Kattankualthur
1466	Comparative Analysis of Non-Invasive fPCG and fECG for Fetal Heart Rate Monitoring	Mrs. Manju T. Kurian	Dr. P. Rajalakshmy	PhD Scholar	Department of Instrumentation Engineering	Karunya Institute of Science and Technology, Coimbatore
1492	Novel Cybersecurity and the Internet of Things (IoT) for Safeguarding Smart Grids: A Robust Architecture to Prevent Attacks on Specific Infrastructure	D. Kirubakaran	NA	Assistant Professor	Department of Computer Science and Engineering	R.M.K. Engineering College

1493	Integrate AI into Smart Home Appliances: Voice-Controlled Device Management and Context-Aware Automation with Deep Learning Models	Kirubakar D			Department of Electrical and Electronics Engineering	MLR Institute of Technology
1511	AI Enabled Digital Financial Inclusion Framework for the Unorganized Sector: A Study on Small Finance Banks in Kerala	Mr. Raimand Simon	Varun M Nair	Research Scholar	MANAGEMENT	Mangalam College of Engineering,
1532	Edge-AI Assisted MXene-Based Fiber Optic IoT Biosensor Framework for Intelligent Wearable Healthcare Electronics	Prof. Linto M George	Mrs. Preetha Mary George Professor- Physics Dr.M.G.R Educational & Research Institute Mrs. Princy Sera Rajan Assistant Professor Department of ECE Baselios Mathews II College of Engineering, Sasthamcotta Anupama P Assistant Professor Department of Artificial Intelligence	Assistant Professor	MBA	Baselios Mathews II College of Engineering, Sasthamcotta
1533	WaveAtom-Based Denoising and Machine Learning Framework for Fetal Phonocardiography Classification	Mrs. Manju T. Kurian	Dr. P. Rajalakshmy	PhD Scholar,	Department of Instrumentation Engineering	Karunya Institute of Science and Technology, Coimbatore

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1539	Opt STrMAN: Optimized SwinTrans Multi-Scale Attention Network for Diabetic Foot Ulcer Classification	Mr. ANEESH P THANKACHAN		Research Scholar	Electronics and Communication Engineering	TKM COLLEGE OF ENGINEERING, APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY
1541	Dream Optimized Explainable Bayesian Gated Recurrent Unit for Remaining Useful Life and State of Health Prediction in Electric Vehicles	Mrs.PRIYA A GEEVAEGHESE		Assistant Professor	ELECTRICAL AND ELECTRONICS	BASELIOS MATHEWS II COLLEGE OF ENGINEERING SASTHAMCOTTA
1542	IDSIoT: An AI-Driven Intrusion Detection Framework for Smart- Home IoT Environments using Naïve Bayes and Support Vector Machine algorithms	Mr.Ramakrishnan Raman	Dr.Benson Edwin Raj	Lecturer	Computer Information Science	Higher Colleges of Technology
1560	An Approach for EV torque disturbance prediction using Energy Valley Optimized Gated Recurrent Unit	Mrs.Karthika M S		Assistant Professor	Electrical and Electronics Engineering	Baselios Mathews II College of Engineering
1570	Attention Driven Temporal Convolutional Network for Multi-Class Electromagnetic Interference Signal Classification	Mrs. GAYATHRI V S		Research Scholar	Department of Electronics and Communication Engineering	Noorul Islam Centre for Higher Education Tamil Nadu, India

1579	A Hierarchical Hybrid Rule-Based and SARSA Reinforcement Learning Framework for Safe Energy Management in Renewable Microgrids	Mr. Sreekanth S		Student	Artificial Intelligence and Data Science	Amrita Vishwa Vidyapeetham
1587						
1615	Intelligent Traffic Flow Forecasting using Optimized Deep Learning Frameworks: Current Trends and Future Directions	M. Subashini		Research Scholar	Computer science	Vels institute of science technology and advanced studies (VISTAS)
1616	A Numerical investigation of the Effect of AlGaN barrier thickness on AlGaN HEMT's	Mr.Chirala Chaitanya Laxmi prasad		Research scholar	ECE	kalasalingam Academy of Research and Education
1618						

1619	Power Quality Enhancement Using with Five Level Cascaded Multilevel Inverter Based on Black Widow Optimization	P.Muthukumar	Nil	Professor	EEE	Saveetha School of Engineering, SIMATS Engineering
1620	Noval Dual Split Source Multilevel Inverter with Single-Stage-Integrated Dynamic Voltage Boosting System for Aerospace Navigation	Dr.N Subhash	Nil	Professor	EEE	Roever Engineering College
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1636	Randomized Exponential Charge– Discharge Carrier PWM for Harmonic Reduction in Three-Phase Induction Motor Drives	P.Sanjay kartik		Student	EEE	PSG Institue of Technology