

IEEE IAS GlobConET 2023

Accepted Paper List: Phase I

Paper ID	Title	Status
2	Deep learning based Multimodal depression detection in work environment	Accept
5	Customer Segmentation Analysis Using Clustering Algorithms	Accept
6	Finding Type 2 Diabetes Using Sparse Balanced Support Vector Machine in Electronic Health Records	Accept
7	Predicting Facial Skin Type of People in Sri Lanka using Machine Learning Techniques	Accept
8	An AI based Formulated Conference Calling System using Bluetooth	Accept
9	Rice Leaf Diseases Detection: CNN-SVM Multiclassification Approach	Accept
12	AN EMPIRICAL ANALYSIS IN ANALYSING THE CRITICAL FACTORS INFLUENCING THE HEALTH INSURANCE BUSINESS IN ACHIEVING SUSTAINABLE DEVELOPMENT USING STRUCTURAL EQUATION MODEL	Accept
13	Modified Mutation based Rao-3 Algorithm for design optimization of Surface Inset PMSM via multi-echelon strategy	Accept
14	Analysis of Automated Healthcare Diagnosis Models Using Machine Learning	Accept
15	Analysis of Disease Prevention System Using Machine Learning	Accept
18	SIGN LANGUAGE PREDICTION USING MACHINE LEARNING TECHNIQUES: A REVIEW	Accept
19	An Insight Into Machine Learning and Feature Selection Techniques for Predicting Academic Outcomes	Accept
20	Power Saving in Multi-Hop Device to Device Communication	Accept
21	An Approach for Cost Minimization of home energy management system using genetic algorithm	Accept
24	Using media player software as stealth attack vectors for manipulating human mind and behavior	Accept
27	A New Control Strategy of a Single Stage PV System for Providing Frequency Support to the Power Grid	Accept
28	TrALPR: Automatic License Plate Recognition using Transformers	Accept
29	Blockchain based framework for Lending Digital Assets: NFT based Implementation	Accept
31	Research on Collision Detection of Collaborative Robot using improved Momentum-based Observer	Accept
32	Robotic Grasp Detection Based on The Improved Light-weight ShuffleNet Model	Accept
33	A Bit-Filp Joint Algorithm of Polar-SCMA Systems for mMTC	Accept
34	Biofuels Policy as the Indian Strategy to Achieve the 2030 Sustainable Development Goal 7: Targets, Progress, and Projection	Accept

35	Design and Development of an Unmanned Aerial Vehicle for Extensive Range Outdoor Operations using Artificial Intelligence	Accept
36	Sentiment Analysis Towards Russia - Ukrainian Conflict: Analysis of Comments on Reddit	Accept
37	A Novel AWMOGI Control for Single Stage SPVA Based Hybrid Microgrid with Smooth Mode Transfer Capabilities	Accept
38	Cloud Computing, Machine Learning, and Secure Data Sharing enabled through Blockchain	Accept
39	AN IMPROVED MACHINE LEARNING BASED IMPROVED GOOSE PROTOCOL FOR FAULT DETECTION	Accept
40	"Topological Stress" concept for quantizing chemical graph similarity scores	Accept
41	IoT-BASED ON BOILER FUEL MONITORING SYSTEM: A CASE OF RAHA BEVERAGES COMPANY LIMITED, ARUSHA-TANZANIA	Accept
42	A Logarithmic Function based Relay Characteristics for Optimal Protection Coordination in Distributed Generation Systems	Accept
43	Optimization, Modelling and Evaluation Through Response Surface Method of Marshall Stability of Asphaltic Concrete with Agricultural and Industrial Wastes	Accept
44	A Modified P&O-MPPT Technique Using Fuzzy Logic Controller for PV Systems	Accept
46	Water Cycle Optimization Technique-based IDDF Controller for Frequency Regulation of Interconnected Power System with HVDC Line	Accept
47	Enhancement in Interconnected Power System Performance with 3DOFPID Regulator and Plug-in Electric Vehicles Incorporation	Accept
48	FCS-MPC based predictive current control of grid connected DFIG based Wind Energy System	Accept
49	Automatic Machine Fault Detection by Using Machine learning Technique.	Accept
50	Voltage and Frequency Control in Diverse Source Power Systems under Cascade Controller with TCSC and SMES Devices	Accept
51	An Open-source Automated Distribution Network Analysis (O-ADNA) tool for Modeling and Visualization	Accept
55	Deep Learning Approach for Emotion Recognition using EEG Signals	Accept
57	Comparative Study of False Data Injection Attack Detection Techniques in AC Smart Island	Accept
58	Steady-state Operation Tests of Magneto-biased Superconducting Fault Current Limiter (MBSFCL) on a 66kV Power Substation in China	Accept
61	Design and Implementation of a Robotic Stone Machining System	Accept
62	Chronic kidney disease prediction : Optimization of machine learning algorithms	Accept

64	WPT CHARGING SYSTEM WITH AVERAGE CURRENT CONTROLLED PFC SEPIC CONVERTER	Accept
72	Design of Electricity Trading Price Function in Local Market of Electricity inside a Microgrid using the Cournot model	Accept
73	Experimentation for Fault Detection of Process Loop Components	Accept
74	Power Control in Solar Battery Charging Station using Fuzzy Decision Support System for Electric Vehicles	Accept
75	An Integrated Demand-Side Management Approach For 1-phase Distribution End Consumers	Accept
77	Transformer and Knowledge Based Siamese Models for Medical Document Retrieval	Accept
82	Demand-side Resources Classification Model Based on Time-frequency Domain Feature Extraction and IAGA Feature Selection	Accept
83	Translator Optimization of a Linear Electrical Generator for Harvesting Oceanic Wave Energy	Accept
84	Research on ultra-short term distributed PV power forecasting method considering weather similarity based on satellite cloud map	Accept
85	Fault Ride Through with Conformance to Grid Voltage Limits in Photovoltaic Grid Connected Inverters.	Accept
86	Deep Learning Technique for Recognition of Deep Fake Videos	Accept
88	Prediction of Solar Power Generation and Maintenance Activities for 1MW Power Plant	Accept
89	Development of Intelligent Sun Tracking System for Solar PV Panel	Accept
90	Experimentation to Test Buckling of Hydraulic Cylinder	Accept
92	Real-Time Smart Traffic Control and Simulation: An Approach for Urban Congestion Management	Accept
95	Modeling of Series Resonant Dual Active Bridge with Grid-Connected Inverter for Vehicle-to-Everything Applications	Accept
96	Indirect Load Estimation of Double-Sided LCL Compensated Wireless Power Transfer System for Electric Vehicles Battery Charging	Accept
97	Development of UAV-based Digital Field Phenotyping for Crop Nitrogen Content Estimation	Accept
98	CPW-Fed MIMO Smartphone Antenna Array with Radiation/Polarization Diversity for 5G Applications	Accept
99	A New Combined PV Output Power Forecasting Model Based on Optimized LSTM Network	Accept
100	Grid-Forming Control with DFIM based Adjustable Speed Pumped-Storage Hydropower	Accept
101	Voltage Stability Analysis in Modern Power System Considering Wind Energy Conversion System	Accept
102	Drive Cycle based Analysis and Control of Five Phase Induction Motor Drive for Electric Vehicle	Accept

103	Attitude, Behavioural Intention and Adoption of AI Driven Chatbots in the Banking Sector	Accept
104	Single Stage Explicit Double Diode Modelled PV Module Powered Linear Induction Motor Driven Water Pump System	Accept
106	PMSG Based Standalone Distributed Generation Integrated Universal Active Filtering System	Accept
112	Privacy Ensured Liver Disease Test Prioritization with Query Optimization	Accept
115	Wide-Area Damping Controller Design with TCSC Using Active Disturbance Rejection Control	Accept
116	PREDICTION OF BURR FORMATION IN END MICRO MILLING Polymethyl Methacrylate(PMMA) AND Polycarbonate(PC) SUBSTRATES USING CONVOLUTIONAL NEURAL NETWORK (CNN)	Accept
119	Temperature accuracy improvement of long-range RDS using Artificial Neural Network	Accept
120	Ontology based Video Retrieval using Hidden Markov Logic Model with Edge Histogram Descriptor and Bayesian Network based Active Learning	Accept
121	A new technique for Hexa Band Quad Sense Cylindrical Dielectric Resonator antenna for THz Applications	Accept
122	A model selection algorithm for complex CNN systems based on feature-weights relation	Accept
123	Transient DC Bias Suppression with Rapid Power Reversing for EPS Whole Voltage Range in Dual Active Bridge DC-DC Converter	Accept
124	Prediction of Thyroid Disease using Deep Learning Techniques	Accept
125	Sliding-Mode-Based Control Strategy for a Solar Multi-Port Three-Level DC-DC Converter Under Harsh System Uncertainty	Accept
127	A Hybrid of Multidisciplinary Design and Multi-Objective Optimization for Solving Combined Heat and Power Environmental Economic Dispatch	Accept
128	BESS Viability analysis for PV Power Plant Clipping Loss Minimisation	Accept
130	Robust Load Frequency Control of Two-Area Interconnected Power System Using Fuzzy-I Controller	Accept
132	Optimizing PV and Battery Energy Storage Systems for Peak Demand Reduction and Cost Savings in Malaysian Commercial Buildings	Accept
133	PM2PMC: A Probabilistic Model Checking Approach in Process Mining	Accept
134	Auto-Mode Shifting: A Machine Learning-Based Automatic Ventilation Mode Selection Technique Personalized to Physiological Characteristics of Intubated Patients	Accept
136	PCOD Prediction using Machine Learning Algorithms	Accept
137	Prediction of Covid-19 using Classification Algorithms on WEKA and their Comparison: A Survey	Accept
138	A Multi Microgrid Energy Management with Peer-to-Peer Energy Trading Model	Accept

140	Integration of high bandwidth material engineering in the development of a futuristic gate FET: A Comparison study	Accept
141	Transfer Learning-assisted Modulation Format Identification for Low OSNR	Accept
142	Optimal Power Extraction of Doubly Fed Induction Generator (DFIG) with Novel 2nd Order Integral Sliding Mode Control (SMC) using Super Twisting Algorithm.	Accept
143	Advance PLL Based PV-UPQC Under Adverse Grid Conditions	Accept
145	Enabling Maximum Power Extraction of Virtual-Oscillator-based Energy Resources with Modified Droop Characteristic	Accept
146	Ancient Indian Script Transliteration Using GANs	Accept
150	A Comparative Analysis of Snort 3 and Suricata	Accept
153	Applicative Analysis Of Activation Functions For Pneumonia Detection Using Convolutional Neural Networks	Accept
154	Realization of PV Power Structure with PSO Tuned Fuzzy Logic Control	Accept
155	A High Gain Common Ground Bidirectional Buck/Boost DC-DC Converter Based Solar PV Inverter with ESF Support and Grid Synchronization Capability	Accept
156	AutoDetect: A Novel Real-Time Intelligent Sensor Failure Detection for Connected Vehicles	Accept
158	Progressive Web Apps to Support (Critical) Systems in Low or No Connectivity Areas	Accept
159	A Sparse Sextuplet 13-Level Switched-Capacitor DC-AC Converter for Renewable Energy Integration	Accept
160	Model Agnostic Meta Learning for EEG Classification: Multitask Approach	Accept
161	Recursive Euclidean Distance Based Robust Aggregation Technique For Federated Learning	Accept
163	Fuzzy Logic Based Spectral Analysis for Condition Assessment of Transformer Oil	Accept
164	Two-stage Integrated Planning Strategy for Future Power System Expansion with Optimal Energy Mix and High Renewable Penetration	Accept
165	A Stackelberg Game Approach to Find Optimal Location and Pricing for Network of Charging Stations	Accept
166	Particle swarm optimization for dietary recommendations	Accept
167	Optimal Torque Curve Tracking for Wind Turbine Generators Using Adaptive Extremum Seeking	Accept
168	Multilevel Volt/VAR Control of Active Distribution Networks with Solar PV and BESS	Accept
170	Design, Simulation and Hardware Realization of Cuk Converter based Solar PV MPPT System	Accept
171	An overview of Real Time Electricity Market and Green Energy Trading in India	Accept
172	Intelligent Control of Mobile Robots with ANN Assisted Improved Q-learning: IQ-CRL Algorithm	Accept

173	A New Forgery Image Dataset and its Subjective Evaluation	Accept
174	Advanced Frequency Control for Renewable and Electric Vehicles Integrated Systems	Accept
176	Development of an Autonomous Column-Climbing Robotic System for Real-time Detection and Mapping of Surface Cracks on Bridges	Accept
177	Composite Reliability of PV-Integrated Systems Incorporating Probabilistic Capacity Outages	Accept
178	Machine learning-based multiclass classification model for effective air quality prediction	Accept
180	Numerically Efficient Model of Voltage-Source Converters for Power Systems Transient Studies	Accept
181	Review Paper on Screenless Display	Accept