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MOHAN BABU UNIVERSITY
Tirupati, Andhra Pradesh

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2023-Publications

Sl. No	Authors	Title	Source title
1	Balaji, M., Padmaja, N.	High Speed and Area Efficient RNS Based FIR Filter Design Using Distributed Arithmetic Approach	AIP Conference Proceedings
2	Raju, H.P., Vijaya Kumar, M., Partheeban, P.	Wastewater Treatment in Constructed Wetlands by Phytoremediation Technique	E3S Web of Conferences
3	Ainapure, B., Baheeti, N., Buch, J., Appasani, B., Jha, A.V., Srinivasulu, A.	Drinking water potability prediction using machine learning approaches: a case study of Indian rivers	Water Practice and Technology
4	Damodaram, A.K., Reddy, L.V., Babu, U.R., Babu, M.M.	Impact of Multiple Entry & Exit System on Future Engineering Education in India – Theoretical Perspectives	Journal of Engineering Education Transformations
5	Chalichalamala, S., Govindan, N., Kasarapu, R.	Logistic Regression Ensemble Classifier for Intrusion Detection System in Internet of Things	Sensors
6	Suresha, R., Arunkumar, R., Hanumagowda, B.N., Abduvalieva, D., Tarakaramu, N., Awwad, F.A., Ismail, E.A.A., Khan, M.I.	Combined effect of magneto hydrodynamics, couple stress, and viscosity variation on squeeze film characteristics of a cylinder and rough flat plate	SN Applied Sciences
7	Orekanti, E.R., Bandi, V., Madhav, M.R.	Ultimate capacity of granular pile anchors	Innovative Infrastructure Solutions
8	Nagaraju, S., Nagenra, R., Balasundaram, S., Kiran Kumar, R.	Biometric key generation and multi round AES crypto system for improved security	Measurement: Sensors
9	K, M., Nimmagadda, P.	Error resilient wireless video transmission via parallel processing using puncturing rule enabled coding and decoding	e-Prime – Advances in Electrical Engineering, Electronics and Energy
10	Godala, S., Kumar, M.S.	A weight optimized deep learning model for cluster based intrusion detection system	Optical and Quantum Electronics
11	Lekha, J., Sandhya, K., Archana, U., Anilkumar, C., Soman, S.J., Satheesh, S.	Secure medical sensor monitoring framework using novel optimal encryption algorithm driven by Internet of Things	Measurement: Sensors

12	Sangamithra, B., Swamy, B.E.M., Kumar, M.S.	Evaluating the effectiveness of RNN and its variants for personalized web search	Optical and Quantum Electronics
13	Sudhakar, P.N., Vijaya Kishore, V.	A power/energy-efficient, process-variation-resilient multiplier using graphene nanoribbon technology and ternary logic	AEU – International Journal of Electronics and Communications
14	Y.B, K.K., Babu, G.S., Chalapathi, U., Kiran, Y.B., Bhaskar, P.U., Park, S.-H.	Growth and characterization of spray-deposited Cu ₂ ZnSnS ₄ thin films by using two different carrier gases	Physica B: Condensed Matter
15	Ganesh, A.C., Mohana, R., Loganathan, P., Kumar, V.M., K?rg?z, M.S., Nagaprasad, N., Ramaswamy, K.	Development of alkali activated paver blocks for medium traffic conditions using industrial wastes and prediction of compressive strength using random forest algorithm	Scientific Reports
16	Buragadda, V., Orekanti, E.R., Kompala, M.P., Naresh, B., Sravani, E.	Effect of Modified Geotextile Reinforcement on Improvement of Anchor Uplift Capacity: An Experimental Study	Indian Geotechnical Journal
17	Basha, S.J., Venkatramana, P.	Design of Ternary Logic Circuits Using GNR-FET and RRAM	Circuits, Systems, and Signal Processing
18	Arun, V., Prabhu, S., Prabakaran, N., Shanthi, B.	Modified Structure 9-Level Inverter (MS9LI) With Reduced On-State Switches [Onduleur à 9 niveaux à structure modifiée (MS9LI) avec réduction de commutateurs à l'état passant]	IEEE Canadian Journal of Electrical and Computer Engineering
19	Suresh, K., Parimalasundar, E.	Fault Analysis and Clearance in FL-APC DC-AC Converter [Analyse et élimination des défauts dans le convertisseur CC-CA FL-APC]	IEEE Canadian Journal of Electrical and Computer Engineering
20	Jagadeesh, S., Chenna Krishna Reddy, M., Tarakaramu, N., Ahmad, H., Askar, S., Shukhratovich Abdullaev, S.	Convective heat and mass transfer rate on 3D Williamson nanofluid flow via linear stretching sheet with thermal radiation and heat absorption	Scientific Reports
21	Rani, P.S., Rani, K.R., Daram, S.B., Angadi, R.V.	Is It Feasible to Reduce Academic Stress in Net-Zero Energy Buildings? Reaction from ChatGPT	Annals of Biomedical Engineering

22	Ragu Nathan, S., Balasubramanian, V., Rao, A.G., Sonar, T., Ivanov, M., Suganeswaran, K.	Effect of tool rotational speed on microstructure and mechanical properties of friction stir welded DMR249A high strength low alloy steel butt joints for fabrication of light weight ship building structures	International Journal of Lightweight Materials and Manufacture
23	Rafee, S.M., Prasad, M., Sunil Kumar, M., Easwaran, B.	AI technologies, tools, and industrial use cases	Toward Artificial General Intelligence: Deep Learning, Neural Networks, Generative AI
24	Thangaraj, K., Sakthivel, M., Balasamy, K., Suganya-devi, S.	Computer-aided cluster formation in wireless sensor networks using machine learning	Journal of Intelligent and Fuzzy Systems
25	Lakshmi, P.V., Musala, S., Srinivasulu, A., Ravariu, C.	Design of a 0.4 V, 8.43 ENOB, 5.29 nW, 2 kS/s SAR ADC for Implantable Devices	Electronics (Switzerland)
26	Krishnan, V.G., Saleem, P.A.A., Kirubakaran, N., Sankaradass, V., Kumar, A.T.A.K., Jehan, C., Deepa, J., Dhanalakshmi, G.	Ensemble Deep Learning Classifier with Optimized Cluster Head Selection for NIDS in MANET	Journal of Information Science and Engineering
27	Mahaveerakannan R, Anitha, C., Aby K Thomas, Rajan, S., Muthukumar, T., Govinda Rajulu, G.	An IoT based forest fire detection system using integration of cat swarm with LSTM model	Computer Communications
28	Ramadevi, J., Sushama, C., Balaji, K., Talasila, V., Sindhvani, N., Mukti	AI enabled value-oriented collaborative learning: Centre for innovative education	Journal of High Technology Management Research
29	Kumar, G.V.P., Tallapragada, V.V.S., Manga, N.A.	Optimized transmit antenna selection and self-attention based convolutional resource allocation model for massive MIMO technology	Computer Networks
30	Lakshmi, A.J., Kumar, A., Kumar, M.S., Patel, S.I., Naik, S.K.L., Ramesh, J.V.N.	Artificial intelligence in steering the digital transformation of collaborative technical education	Journal of High Technology Management Research
31	Suresh, K., Parimalasundar, E.	Newly designed single-stage dual leg DC-DC/AC buck-boost converter for grid connected solar system	International Journal of Circuit Theory and Applications

32	Janamala, V., Ram, I.S., Daram, S.B.	Realization of Green 5G Cellular Network Role in Medical Applications: Use of ChatGPT-AI	Annals of Biomedical Engineering
33	Janamla, V., Daram, S.B., Rajesh, P., Kumari, C.H.N.	Response of ChatGPT for Humanoid Robots Role in Improving Healthcare and Patient Outcomes	Annals of Biomedical Engineering
34	Anilkumar, N., Saravanakumar, A., Raghogopal, Karthick, S., Ghosh, A., Sekhar, B.R.	Usage of epoxy based natural fibre composites reinforced with veldt grape fibre and kenaf fibre to improve the efficiency management	AIP Conference Proceedings
35	Parimalasundar, E., Muthukaruppasamy, S., Dharmaprakash, R., Suresh, K.	Performance investigations of five-level reduced switches count π -bridge multilevel inverter	Electrical Engineering and Electromechanics
36	Sudhakar, V.C., Reddy, U.G.	Assessment of open-pit captive limestone mining areas using sentinel-2 imagery with spectral indices and machine learning algorithms	International Journal of Knowledge-Based and Intelligent Engineering Systems
37	Das, P., Vetrithangam, D., Krishnan, G.H., Kumar, A., Reddy, R.V.K.	Deep learning techniques revolutionizing biomedical applications: Arrhythmia detection, cardiac sensed signals, and cell-free synthetic biology	Applications of Synthetic Biology in Health, Energy, and Environment
38	Prayagi, S., Maredy, P.L., Katta, L.N., Narapureddy, S.R.	Optimum Scheduling of a Multi-Machine Flexible Manufacturing System Considering Job and Tool Transfer Times without Tool Delay	Mathematics
39	Krishnan, G.H., Thrinath, B.V.S., Karthikeyan, G., Ravi, V., Parimalasundar, E.	Switched Capacitor-Based Bidirectional Power Converter with Enhanced Voltage Boost and Reduced Switching Strain for Electric Vehicle Applications	International Journal of Electrical and Electronics Research
40	Tarigonda, H., Lakshmi Kala, K., Gnanaprakash, P., Raghurami Reddy, D., Harsha Vardhan Reddy, K.	Desirability function analysis approach for optimization of fused deposition modelling process parameters	International Journal of Materials Research
41	Devaraju, T., Vijayakumar, Y.N., Pala Prasad Reddy, M., Kosaleswara Reddy, T.	Dynamic Voltage Control in Multi-level Inverters with TAR PWM for Non-Uniform DC Inputs	SSRG International Journal of Electrical and Electronics Engineering

42	Balaji, M., Padmaja, N.	Area and Delay Efficient RNS-Based FIR Filter Design Using Fast Adders and Multipliers	SSRG International Journal of Electrical and Electronics Engineering
43	Devaraju, T., Pala Prasad Reddy, M., Sujatha, D., Ravikumar, R., Munisankar, A., Senthilkumar, V.	Advanced Control Techniques for Power Quality Enhancement in Off-Grid Wind Power Systems	SSRG International Journal of Electrical and Electronics Engineering
44	Patil, P.R., Pushpalatha Kumari, M., Devaraju, T., Parvathi, Kosaleswara Reddy, T., Rajasekhar, G.G.	A Novel Reliable Five-Level Multilevel Inverter for Critical Loads	SSRG International Journal of Electrical and Electronics Engineering
45	Stateczny, A., Praveena, H.D., Krishnappa, R.H., Chythanya, K.R., Babysarojam, B.B.	Optimized Deep Learning Model for Flood Detection Using Satellite Images	Remote Sensing
46	Bharathi, M., Mohanarangam, K., M Shirur, Y.J., Choi, J.R.	Accelerating DSP Applications on a 16-Bit Processor: Block RAM Integration and Distributed Arithmetic Approach	Electronics (Switzerland)
47	Ganesh, A.C., Raju, H.P., Prasad, J.R., Mukilan, K.	Effect of granite waste in slag-based geopolymer activated by RHA derivative	Innovative Infrastructure Solutions
48	Nathan, S.R., Balasubramanian, V., Gourav Rao, A., Sonar, T., Ivanov, M., Rajendran, C.	Influence of tool plunging rate on mechanical properties and microstructure of friction stir welded DM-R249A high strength low alloy (HSLA) steel butt joints	Materialpruefung/Materials Testing
49	Balaji, K., Nirosha, V., Yallamandaiah, S., Karthik, S., Prasad, V.S., Prathyusha, G.	DesU-NetAM: optimized DenseU-Net with attention mechanism for hyperspectral image classification	International Journal of Information Technology (Singapore)
50	Sen, S., Sarkar, A., Chakraborty, P., Teja, N.V., Kundu, M.	Investigation and Characterization of Graphene/Al, ZnO/Al and Al/Graphene/ZnO Contacts	IEEJ Transactions on Electrical and Electronic Engineering
51	Mohammed, S., Nanthini, S., Bala Krishna, N., Srinivas, I.V., Rajagopal, M., Ashok Kumar, M.	A new lightweight data security system for data security in the cloud computing	Measurement: Sensors

52	Chakravarthi, S.S., Kannan, R.J.	RETRACTED: Detection of anomalies in cloud services using network flow-data analysis, (International Journal of Electrical Engineering & Education, (2020))	International Journal of Electrical Engineering and Education
53	Kumar, B.H., Janardhan, K., Chandrika, V.S., Sekhar, G.G.R., Kadam, D.P., Kumar, D.	A Five Level SC Inverter with Reduced Switch Count and Self Balancing Capability	El-Cezeri Journal of Science and Engineering
54	Prakaash, A.S., Kalaivani, K., Rajheshwari, K.C., Dhanalakshmi, P., Mohanaprakash, T.A.	Revolutionizing Rain Prediction: Deep Learning-Powered TensorFlow Solution for Meteorology and Emergency Management	International Journal of Intelligent Systems and Applications in Engineering
55	Gurav, Y., Prashanth, S.K., Shaikh, A.A., Ravichand, M., Samarathrao, K.V., Biradar, V.	Experimental Hybrid Technique for Enhancing the Quality of Personalized Product Recommendation System using Deep Learning	International Journal of Intelligent Systems and Applications in Engineering
56	Duraihem, F.Z., Renuka Devi, R.L.V., Prakash, P., Sreelakshmi, T.K., Saleem, S., Durgaprasad, P., Raju, C.S.K., Suresh Kumar Raju, S.	Enhanced heat and mass transfer characteristics of multiple slips on hydro-magnetic dissipative Casson fluid over a curved stretching surface	International Journal of Modern Physics B
57	Satav, S.D., Lamanani, D., Harsha, K.G., Kumar, N.M.G., Manikandan, S., Sampath, B.	Energy and battery management in the era of cloud computing: Sustainable wireless systems and networks	Sustainable Science and Intelligent Technologies for Societal Development
58	Cheepati, K.R., Parimalasundar, E., Suresh, K., Rami Reddy, C., Alqahtani, M.M., Khalid, M.	Design of Triple Tuned Passive Harmonic Power Filter – A Novel Approach	IEEE Canadian Journal of Electrical and Computer Engineering
59	Sarada, K., Kadam, D.P., Reddy, S., Patil, P.R., Azamira, S.S.N., Reddy, M.R.	A Single Source Switched Capacitor Seven-Level Boost Inverter for Solar PV Applications	SSRG International Journal of Electrical and Electronics Engineering
60	Muthukaruppasamy, S., Daram, S.B., Kumar, S.S., Dharmaprasak, R.	Predictive Modeling of Power System Contingencies with SVMs and FACTS Devices for Enhanced Stability	SSRG International Journal of Electrical and Electronics Engineering

61	Dhanalakshmi, P., Reddy, U.J., Ranjith Reddy, M., Ravikanth, G.	Machine Learning Electrical Vehicle Charging Management under the Optimization of Flyback Converter for Solar Photovoltaic Applications	SSRG International Journal of Electrical and Electronics Engineering
62	Muthukaruppasamy, S., Geetha, P., Rajagopal, V., Duraipandy, P.	Modeling of Energy Generation Using Piezoelectric Material for Wearable Devices	SSRG International Journal of Electrical and Electronics Engineering
63	Jayaraman, J., Rani, D.L., Selvarani, A., Aljanabi, M., Gopinand, M., Saravandian, M.	An Adaptive Deep Feature Neural Classification Algorithm for Efficient Cardiac Disease Early Risk Identification	Journal of Advanced Research in Applied Sciences and Engineering Technology
64	Ambareesh, S., Kantharaju, H.C., Sakthivel, M.	A novel Fuzzy TOPSIS based hybrid jarratt butterfly optimization for optimal routing and cluster head selection in WSN	Peer-to-Peer Networking and Applications
65	Vijayalakshmi, N., Roopa, Y.M., Ashreetha, B., Ramesh, J.V.N., Rao, E.G., Sundararajan, P.N.	Development of Digital Twin with External Data Resources in Manufacturing with Complex Algorithms	SN Computer Science
66	Basha, S.J., Venkatramana, P.	High performance quaternary logic designs using GNFETs	e-Prime – Advances in Electrical Engineering, Electronics and Energy
67	Ashok, J., Tallapragada, V.V.S., Padmaja, D.L., Sathish, E., Karthikeyan, S., Kumar, J.P.	Modelling and Implementation of Microcontroller System Robotic Devices Through Digital Twins with the Modernization of Complex Systems	SN Computer Science
68	Anitha, C., Rajesh Kumar, T., Balamanigandan, R., Mahaveerakannan, R.	Fault Diagnosis of Tennessee Eastman Process with Detection Quality Using IMVOA with Hybrid DL Technique in IIOT	SN Computer Science
69	Kumar, P.V., Sivakumar, N., Shukla, P., Prakash, P., Durgaprasad, P., Krishna, C.M., Raju, C.S.K., Reddy, G.V.	Dynamics of Brownian motion and flux conditions on naturally unsteady thermophoretic flow with variable fluid properties	Heat Transfer
70	Devi, M.R., Sivakumar, N., Tarakaramu, N., Narayana, P.V.S.	The impact of heat source and thermal radiation on nano-bioconvection containing gyrotactic microorganism flow in parallel channel	AIP Conference Proceedings

71	Rudra Kumar, M., Anitha, P., Ashwitha, A., Reddy, P.V., Gadiyar, H.M.T.	Automated Cotton Leaf Identification Using Feature Selection Techniques	International Journal of Intelligent Systems and Applications in Engineering
72	Deepak, A., Chavan, A.S., Bodhankar, A., Annabel, L.S.P., Nimmalaharathi, Vanathi, A.	Advancing Air Quality Prediction in Specific Cities Using Machine Learning	International Journal of Intelligent Systems and Applications in Engineering
73	Natarajan, V.P., Chandrashekar, S.N., Kumar, R.K., Swaminathan, A., Harika, D., Mahalakshmi, G.	Improved Power Effective Node Combined Heterogeneous Path Protocol for Enhance Network Lifetime Based on Cloud Resource Management in WSN	International Journal of Intelligent Systems and Applications in Engineering
74	Kumar, M.S., Harsha, B.K., Jule, L.T.	AI-driven cybersecurity modeling using quantum computing for mitigation of attacks in IOT-SDN network	Quantum-Safe Cryptography Algorithms and Approaches: Impacts of Quantum Computing on Cybersecurity
75	Muthukaruppasamy, S., Parimalasundar, E., Rajagopal, V., Duraipandy, P.	Integrating MPPT and Artificial Neural Networks for Efficient DC-DC and DC-AC Conversion in Photovoltaic Applications	SSRG International Journal of Electrical and Electronics Engineering
76	Reddy, V.M.K., Venkatesh, P., Dharmaprakash, R., Kumar, S.S.	An Integrated Economic and Emissions Dispatch Problem using the Sparrow Search Algorithm	SSRG International Journal of Electrical and Electronics Engineering
77	Javvaji, H., Kadam, D.P., Kishore, Y.K., Sarada, K., Reddy, M.R., Reddy, M.L.	Design and Performance Assessment of a Multilevel Inverter for Improved Standalone PV System Operation	SSRG International Journal of Electrical and Electronics Engineering
78	G, T.V., Fiza, S., Kumar, A.K., Devi, V.S., Kumar, C.N., Kubra, A.	Improved chimp optimization algorithm (ICOA) feature selection and deep neural network framework for internet of things (IOT) based android malware detection	Measurement: Sensors
79	Vanteru, M.K., Jayabalaji, K.A., P, S.G., Illango, P., Nautiyal, B., Yasmine Begum, A.	Multi-Sensor Based healthcare monitoring system by LoWPAN-based architecture	Measurement: Sensors
80	Suresh, K., Parimalasundar, E.	Design and implementation of dual-leg generic converter for DC/AC grid integration	International Journal of Circuit Theory and Applications

81	Sultanuddin, S.J., Vibin, R., Rajesh Kumar, A., Behera, N.R., Pasha, M.J., Baseer, K.K.	Development of improved reinforcement learning smart charging strategy for electric vehicle fleet	Journal of Energy Storage
82	Sonwal, S., Shukla, S., Alhammadi, M., Umamathi, R., Sudhani, H.P.K., Cho, Y., Huh, Y.S.	Colorimetric sensing of calcium carbide over banana peels using 5,5?-dithiobis-(2-nitrobenzoic acid) (DTNB) as a rapid chemoreceptor: a point of care tool for food fraud analysis	Materials Advances
83	Loganathan, P., Prasad Raju, H., Margret, A.L., Ragavan, V., Ganesh, A.C.	Extraction of Heavy Metals from Soil Affected by Landfill Leachate through Constructed Wetlands: A Phytoremediation Approach to Rejuvenating the Contaminated Environment	E3S Web of Conferences
84	Sivaji, U., Sateesh Kumar Reddy, C., Dhanya, D., Manasa, C.M., Chitteti, C.	Unveiling Deceptive Patterns: AI-Driven Fraud Detection in Healthcare Finance	International Journal of Intelligent Systems and Applications in Engineering
85	Shanthi, T., Sheela, M.S., Jayakanth, J.J., Karpagam, M., Srividhya, G., Gowtham Prasad, T.V.S.	A Novel approach Secure Routing in Wireless Sensor Networks for Safe Path Establishment of Private IoT Data Transmission	International Journal of Intelligent Systems and Applications in Engineering
86	Raghavendra, G., Chaturvedi, A., Chavan, A.S., Singh, P., Farook, S., Reddy, C.K., Shrivastava, A.	Intelligent Driverless Delivery Solutions Using Recent Ai Technology	International Journal of Intelligent Systems and Applications in Engineering
87	Hema, N., Krishnamoorthy, N., Chavan, S.M., Kumar, N.M.G., Sabarimuthu, M., Boopathi, S.	A study on an Internet of Things (IoT)-enabled smart solar grid system	Handbook of Research on Deep Learning Techniques for Cloud-Based Industrial IoT
88	Sai Thrinath, B.V., Venkata Ramana, C., Meghya Nayak, B., Yashashwini, B., Kumar, N.M.G., Ezhilvannan, P.	An Uninterrupted Fuzzy-Based PV-BES System for Improving Power Quality in Grid-Connected Systems	Journal of Solar Energy Research
89	Venkata Sudhakar, C., Umamaheswara Reddy, G.	Impacts of cement industry air pollutants on the environment and satellite data applications for air quality monitoring and management	Environmental Monitoring and Assessment

90	Masthanaiah, Y., Tarakaramu, N., Khan, M.I., Rushi-Kesava, A., Ben Moussa, S., Fadhl, B.M., Abdullaev, S.S., Eldin, S.M.	Impact of viscous dissipation and entropy generation on cold liquid via channel with porous medium by analytical analysis	Case Studies in Thermal Engineering
91	Tallapragada, V.V.S., Manga, N.A., Kumar, G.V.P.	A novel COVID diagnosis and feature extraction based on discrete wavelet model and classification using X-ray and CT images	Multimedia Tools and Applications
92	Kusuma, T., Kumar, J.P.S.	Predicting NAVs of mutual funds using the ARIMA model	AIP Conference Proceedings
93	Parimalasundar, E., Jayanthi, R., Suresh, K., Sindhuja, R.	Investigation of efficient multilevel inverter for photovoltaic energy system and electric vehicle applications	Electrical Engineering and Electromechanics
94	Sujatha, M.S., Sreelakshmi, S., Parimalasundar, E., Suresh, K.	Mitigation of harmonics for five level multilevel inverter with fuzzy logic controller	Electrical Engineering and Electromechanics
95	Krishnan, S., Pandi, P., Mopidevi, S.	TPTPC and BHC integrated grid connected energy storage system for power loss reduction	Circuit World
96	Reddappa, B., Babu, M.S., Sreenadh, S.	Magneto hydrodynamic (MHD) Jeffrey Nanofluid Flow over an Exponentially Stretching Sheet through a Porous Medium	AIP Conference Proceedings
97	Itagi, M., Gowda V, D., Prasad, K.D.V., Kumar, P.S.V.V.S.R., Shekhar, R., Ashree-tha, B.	Performance Analysis of Energy Efficiency and Security Solutions of Internet of Things Protocols	International Journal of Electrical and Electronics Research
98	Prabhu, S., Vijayakumar, A., Stonier, A.A., Peter, G., Dorji, S., Ganji, V.	Analysis of isolated phase windings and permanent magnet assists high energy efficient hybrid-reluctance motor for electric vehicle	IET Electrical Systems in Transportation
99	Vatambeti, R., Pradhan, N.C., Sandhya, E., Vinta, S.R., Anbarasu, V., Venkateswara Rao, K.	Energy Management and Network Traffic Avoidance Using GAODM and E-AODV Protocols in Mobile Ad-Hoc Network	International Journal of Computer Network and Information Security

100	Nagabhooshanam, N., ganapathy, N.B.S., Ravindra Murthy, C., Mohammed Saleh, A.A., CosioBorda, R.F.	Neural network based single index evaluation for SQL injection attack detection in health care data	Measurement: Sensors
101	M, S., S, S., V, P.B., P, H.P., GNR, P., M, T.	Automated detection of cardiac arrest in human beings using auto encoders	Measurement: Sensors
102	Turukmane, A.V., Pradeepa, M., Reddy, K.S.S., Suganthi, R., Riyazuddin, Y.M., Tallapragada, V.V.S.	Smart farming using cloud-based IoT data analytics	Measurement: Sensors
103	Lal, B., Ravichandran, S., Kavin, R., Anil Kumar, N., Bordoloi, D., Ganesh Kumar, R.	IOT-BASED cyber security identification model through machine learning technique	Measurement: Sensors
104	Kandasamy, S., Sarathkumar, T., Narasimhulu, K., Kumar, C.L.M.	Influence of permeable formwork on the performance of polypropylene fibre reinforced concrete	Journal of Building Pathology and Rehabilitation
105	Srihari, G., Raman, R., Thangavelu, S., Padmaja, N.	Hammer-shaped slotted antenna design and analysis for wireless applications	Indonesian Journal of Electrical Engineering and Computer Science
106	Josephinshermila, P., Sharon priya, S., Malarvizhi, K., Hegde, R., Gokul Pran, S., Veerasamy, B.	Accident detection using automotive smart black-box based	Measurement: Sensors
107	Sreelakshmi, S., Sujatha, M.S., Rahul, J.R., Sutikno, T.	Reduced switched seven level multi-level inverter by modified carrier for high voltage industrial applications	International Journal of Power Electronics and Drive Systems
108	Bandi, R., Babu Malalela, S., Sreedharamalle, S., Putta, D.	The flow of non-Newtonian fluid in an inclined channel through variable permeability	Heat Transfer
109	Tharehallimata, G., Narasimhamu, K.L.	Geometric optimisation of double ended magnetorheological fluid damper	International Journal on Interactive Design and Manufacturing
110	Kumar, S.S., Mahesha, K., Sachidananda, K.B., Dey, A.	Temperature-Dependent Wear Behavior of Air Plasma Sprayed Alumina and Alumina-Titania Composite Coatings	Journal of The Institution of Engineers (India): Series D

111	Swamy, K.A., Alex, Z.C.	Efficient low delay reconfigurable filter bank using parallel structure for hearing aid applications with IoT	Personal and Ubiquitous Computing
112	Jana, S., Thilagavathy, S.D., Shenbagavalli, S.T., Srividhya, G., Gowtham Prasad, T.V.S., Hemavathy, R.	Plant Leaf Disease Prediction Using Deep Dense Net Slice Fragmentation and Segmentation Feature Selection Using Convolution Neural Network	International Journal of Intelligent Systems and Applications in Engineering
113	Margarat, G.S., Siva Kumar, C., Rajan, S., Raj Mohan, B.	Forecasting Wind Energy Production Using Machine Learning Techniques	E3S Web of Conferences
114	Reddy, V.S.K., Saravanan, T., Velusudha, N.T., Selwyn, T.S.	Smart Grid Management System Based on Machine Learning Algorithms for Efficient Energy Distribution	E3S Web of Conferences
115	Addepalli, T., Vidya-vathi, T., Neelima, K., Sharma, M., Kumar, D.	Asymmetrical fed Calendula flower-shaped four-port 5G-NR band (n77, n78, and n79) MIMO antenna with high diversity performance	International Journal of Microwave and Wireless Technologies
116	Mukilan, K., Ganesh, A.C., Deepak, N., Ajay, V.S., Pandi, G.V., Rajalingam, S., Priyan, K.S.	Effect of molarity over the slag based geopolymers brick under ambient curing	AIP Conference Proceedings
117	Gokul Pran, S., Raja, S.	An efficient feature selection and classification approach for an intrusion detection system using Optimal Neural Network	Journal of Intelligent and Fuzzy Systems
118	Srinivasan, G., Mahesh Kumar Reddy, V., Venkatesh, P., Parimalasundar, E.	Reactive power optimization in distribution systems considering load levels for economic benefit maximization	Electrical Engineering and Electromechanics
119	Vobulapuram, R.K., Shaik, J.B., Venkatramana, P., Mekala, D.P., Lingayath, U.	Design of bilayer graphene nanoribbon tunnel field effect transistor	Circuit World
120	Anantha Krishna, N., Mohana Reddy, Y.V., Chandra Mohan Reddy, B.	From synthesis to bioactivity: A comprehensive study of Cu-based biocidal tool	Indian Journal of Traditional Knowledge

121	Kumar, J.P., Muppagowni, G.K., Kumar, J.P., Malla, S.J., Chandanapalli, S.B., Sandhya, E.	Selection of Features Using Adaptive Tunicate Swarm Algorithm with Optimized Deep Learning Model for Thyroid Disease Classification	Ingenierie des Systemes d'Information
122	Ezhilvannan, P., Krishnan, S., Kumar, B.H., Janardhan, K., Ramachandran, S.	Analysis of the Effectiveness of a Two-Stage Three-Phase Grid-Connected Inverter for Photovoltaic Applications	Journal of Solar Energy Research
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255	Divya, N., Haripriya, K., Kumar, K.V., Lasya, K., Sai, K.G.	H-slot coupled antenna design for IoT applications	ACCESS 2023 – 2023 3rd International Conference on Advances in Computing, Communication, Embedded and Secure Systems

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331	Bharathiraja, N., Sakthivel, M., Deepa, T., Hariprasad, S., Ragasudha, N.	Design and Implementation of Selection Algorithm based Human Emotion Recognition System	7th International Conference on Trends in Electronics and Informatics, ICOEI 2023 – Proceedings
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