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MOHAN BABU UNIVERSITY
Tirupati, Andhra Pradesh

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2022-Publications

S.No.	Authors	Title	Source title
1	Kumar, Y.B.K., Doddipalli, R.R., Nagamalleswari, D., Tarigonda, H.	Fabrication of CuSbS2 Thin Film Solar Cells by Using Chemical Spray Pyrolysis	SAE Technical Papers
2	Tarigonda, H., Gangula, V.R., Ratnaraju, P., Doddipalli, R.R., Krupakaran, R.L.	Effect of TBC, Turbocharger and EGR on the Performance of Diesel Engine Using Biodiesel	SAE Technical Papers
3	Gangula, V.R., Krupakaran, R.L., Tarigonda, H., Kala, K.L., Doddipalli, R.R.	Optimization of the Effect of Low Heat Rejection Diesel Engine Using Biodiesel with Taguchi Method	SAE Technical Papers
4	Arunachalam, S.K., Muthiah, M., Rangaswamy, K.D., Kadarkarai, A., Arunasankar, C.G.	Improving the structural performance of reinforced geopolymer concrete incorporated with hazardous heavy metal waste ash	World Journal of Engineering
5	Khiani, S., Mohamed Iqbal, M., Dhakne, A., Sai Thrinath, B.V., Gayathri, P.G., Thiagarajan, R.	An effectual IOT coupled EEG analysing model for continuous patient monitoring	Measurement: Sensors
6	Aroulanandam, V.V., Satyam, Sherubha, P., Lalitha, K., Hymavathi, J., Thiagarajan, R.	Sensor data fusion for optimal robotic navigation using regression based on an IOT system	Measurement: Sensors
7	Singh, N., Sasirekha, S.P., Dhakne, A., Thrinath, B.V.S., Ramya, D., Thiagarajan, R.	IOT enabled hybrid model with learning ability for E-health care systems	Measurement: Sensors
8	Priyatharsini, G.S., Babu, A.J., Kiran, M.G., Sathish Kumar, P.J., Nelson Kennedy Babu, C., Ali, A.	Self secured model for cloud based IOT systems	Measurement: Sensors
9	Shyam Sunder Reddy, K., Manohara, M., Shailaja, K., Revathy, P., Kumar, T.M., Premalatha, G.	Power management using AI-based IOT systems	Measurement: Sensors
10	Orekanti, E.R., Puram, R.	Pullout Behaviour of Micropiles Stabilized with Fly Ash	International Journal of Geosynthetics and Ground Engineering
11	Kasat, K., Rani, D.L., Khan, B., J, A., Kirubakaran, M.K., Malathi, P.	A novel security framework for healthcare data through IOT sensors	Measurement: Sensors
12	Satyanarayana, T.V.V., Mohana Roopa, Y., Maheswari, M., Patil, M.B., Tamrakar, A.K., Prabhu Shankar, B.	A secured IoT-based model for human health through sensor data	Measurement: Sensors
13	Madhuri, N.S., Shailaja, K., Saha, D., P, R., Glory, K.B., Sumithra, M.	IOT integrated smart grid management system for effective energy management	Measurement: Sensors
14	Venkatanaresh, M., Yadav, R., Thiyagarajan, D., Yasotha, S., Ramkumar, G., Varma, P.S.	Effective proactive routing protocol using smart nodes system	Measurement: Sensors
15	Selvakanmani, S., B, A., Devi, G.N.R., Misra, S., R, J., Perli, S.B.	Deep learning approach to solve image retrieval issues associated with IOT sensors	Measurement: Sensors
16	Arunkumar, K., Muthukannan, M., Kumar, A.S., Ganesh, A.C., Devi, R.K.	INFLUENCE OF HYBRID FIBRES ON THE MECHANICAL CHARACTERIZATION OF LOW CALCIUM GEOPOLYMER CONCRETE	Journal of Technology
17	Chawla, R., Beram, S.M., Murthy, C.R., Thiruvenkadam, T., Bhavani, N.P.G., Saravanakumar, R., Sathishkumar, P.J.	Brain tumor recognition using an integrated bat algorithm with a convolutional neural network approach	Measurement: Sensors
18	Reddy, S.H., Umamaheswar, M., Reddy, P.C., Naidu, K.K., Babu, D.H., Raju, M.C., Reddy, E.K.	MHD flow pattern in a parabolic mode based on the angle of inclination under cross-diffusion	Heat Transfer
19	Gunasekar, S., Joselin Retna Kumar, G., Dileep Kumar, Y.	Sustainable optimized LSTM-based intelligent system for air quality prediction in Chennai	Acta Geophysica
20	Kumar, M.V., Alzein, R., Ganesh, A.C., Kumar, K.R., Gurumoorthy, N., Adesina, A.	Analytical investigation of the influence of various void shape and spacing on the load-bearing behavior of concrete hollow core slabs	Journal of Building Pathology and Rehabilitation

No.	Authors	Title	Source
21	Malarvizhi, N., Aswini, J., Sasikala, S., Chakravarthy, M.H., Neeba, E.A.	RETRACTED ARTICLE: Multi-parameter optimization for load balancing with effective task scheduling and resource sharing(Journal of Ambient Intelligence and Humanized Computing, (2021), 13, (9), 10.1007/s12652-021–03005–2)	Journal of Ambient Intelligence and Humanized Computing
22	Gayathri, A., Aswini, J., Divya, R., SenthilKannan, K., Aranganayagam, K.R., Vimalan, M., Mohamed, M.G.	Simulation, Computational Sort by using Coding, Softwares for Elucidation of Structure and for Calculation of Energy, Force Field, Interactions of Carbon Nano Tubes (CNTs)	AIP Conference Proceedings
23	Sivasamy, S., Maria, M.M.B., Sundaramoorthy, P.	Performance investigation of doubly salient outer rotor switched reluctance motor using finite element analysis	Circuit World
24	Kumar, Y.B.K., Nagamalleswari, D., Babu, G.S.	Deposition of Cu2ZnSnS4 thin film at different solution flow rates	Physica B: Condensed Matter
25	Thrinath, B.V.S., Prabhu, S., Nayak, B.M.	Power quality improvement by using photovoltaic based shunt active harmonic filter with Z-source inverter converter	Electrical Engineering and Electromechanics
26	Parimalasundar, E., Kumar, N.M.G., Geetha, P., Suresh, K.	Performance investigation of modular multilevel inverter topologies for photovoltaic applications with minimal switches	Electrical Engineering and Electromechanics
27	Sharma, S.K., Grewal, H.S., Saxena, K.K., Mohammed, K.A., Prakash, C., Davim, J.P., Buddhi, D., Raju, R., Mohan, D.G., Tomków, J.	Advancements in the Additive Manufacturing of Magnesium and Aluminum Alloys through Laser-Based Approach	Materials
28	Davanam, G., Kallam, S., Singh, N., Gunjan, V.K., Roy, S., Rahebi, J., Farzamnia, A., Saad, I.	Multi-Controller Model for Improving the Performance of IoT Networks	Energies
29	Binoj, J.S., Manikandan, N., Mansingh, B.B., Anbazhagan, V.N., Bharathiraja, G., Siengchin, S., Sanjay, M.R., Indran, S.	Taguchi's Optimization of Areca Fruit Husk Fiber Mechanical Properties for Polymer Composite Applications	Fibers and Polymers
30	Sudhakara, M., Meena, M.J., Madhavi, K.R., Anjaiah, P., Prakash K L.N.C.	Fish Classification Using Deep Learning on Small Scale and Low-Quality Images	International Journal of Intelligent Systems and Applications in Engineering
31	Karuppiah, K., Uma Maheswari, N., Balamurugan, N., Venkatesh, R.	Diagnosis of heart disease using improved genetic algorithm-based naive bayes classifier	Using Multimedia Systems, Tools, and Technologies for Smart Healthcare Services
32	Natarajan, M., Pasupuleti, T., Silambarasan, R., Ramesh, R., Katta, L.N.	Development of Prediction Models for Spark Erosion Machining of SS304 Using Regression Analysis	SAE Technical Papers
33	Naidu, B.V.V., Natarajan, M., Ramesh, R., Somsole, L.N., Pasupuleti, T.	Machinability Studies on Wire Electrical Discharge Machining of Aluminium Based Metal Matrix Composite for Automotive Applications	SAE Technical Papers
34	Doddipalli, R.R., Krupakaran, R.L., Gangula, V.R., Tarigonda, H., Anchupogu, P., Petla, R.K.	A Comparison of Coated and Uncoated Diesel Engine Performance and Emission Characteristics Powered by Chlorella Vulgaris Biodiesel Blend with an Assistance of Alumina Nano Additive	SAE Technical Papers
35	Pasupuleti, T., Natarajan, M., Silambarasan, R., Ramesh, R.	Development of Regression Models for Laser Beam Welding of Inconel 718 Alloy Thin Sheets	SAE Technical Papers
36	Pasupuleti, T., Natarajan, M., Krishnamachary, P.C., Ramesh, R.	Investigations on advanced Joining Method for Inconel 718 and SS304 Dissimilar Joints	SAE Technical Papers

37	Anitha, K., Aswini, J., Sabitha, R., Nalini, M.	An intelligent traffic management system adapting image processing techniques in comparison with wireless sensor monitoring	AIP Conference Proceedings
38	Kumar, N.M.G., Sekhar, A.H., Reddy, K.B.N.K., Angulakshmi, M., Shah, D.U.	Remote Fault Identification and Analysis in Electrical Distribution Network Using Artificial Intelligence	International Journal of Electrical and Electronics Research
39	Geetha, P., Jothiprashanth, R.S.	Low-cost Energy Harvesting using ZnO Nanorods on Paper Substrate	ECS Journal of Solid State Science and Technology
40	Rambabu, G., Kiran, Y.B.R., Tarakeswar, Y., Khalivulla, S.I., Barbosa, L.C.A., Vijayakumar, V.	Montmorillonite K10 Clay Catalyzed Synthesis of Novel β-Aminocarbonyl Compounds and Their Biological Evaluation	Chemistry and Biodiversity
41	Liu, L., Shafiq, M., Sonawane, V.R., Murthy, M.Y.B., Reddy, P.C.S., Reddy, K.M.N.C.K.	Spectrum trading and sharing in unmanned aerial vehicles based on distributed blockchain consortium system	Computers and Electrical Engineering
42	Venkata Sudhakar, C., Umamaheswara Reddy, G., Usha Rani, N.	Delineation and evaluation of the captive limestone mining area change and its influence on the environment using multispectral satellite images for industrial long-term sustainability	Cleaner Engineering and Technology
43	Tarigonda, H., Shaik, D.P.M.D., Reddy, D.R.R., Reddy, G.V.S.	Experimental Investigation on the Heat Pipe using Al2O3 and CuO Hybrid Nanofluid	International Journal of Thermophysics
44	Basha, S.K.T., Kalla, R.M.N., Varalakshmi, M., Sudhamani, H., Appa, R.M., Chul Hong, S., Raju, C.N.	Heterogeneous catalyst SiO2–LaCl3·7H2O: characterization and microwave-assisted green synthesis of α-aminophosphonates and their antimicrobial activity	Molecular Diversity
45	Suresh, K., Parimalasundar, E.	IPWM Based IBMSC DC-AC Converter Using Solar Power for Wide Voltage Conversion System [Convertisseur DC-AC IBMSC basé sur l'IPWM et utilisant l'énergie solaire pour un système de conversion à large tension]	IEEE Canadian Journal of Electrical and Computer Engineering
46	Harathi, N., Subramanian, K., Sarkar, A., Selvarajan, R.	Performance Evaluation of SAW-Based Hydrogen Gas Sensors with Different IDT Geometries	Nano LIFE
47	Suryanarayana, G., Varadarajan, V., Pillutla, S.R., Nagajyothi, G., Kotapati, G.	Multiple Degradation Skilled Network for Infrared and Visible Image Fusion Based on Multi-Resolution SVD Updation	Mathematics
48	Kannan, K.S., Sunitha, G., Deepa, S.N., Vijendra Babu, D., Avanija, J.	A multi-objective load balancing and power minimization in cloud using bio-inspired algorithms	Computers and Electrical Engineering
49	Sunitha, G., Arunachalam, R., Abd-Elnaby, M., Eid, M.M.A., Rashed, A.N.Z.	A comparative analysis of deep neural network architectures for the dynamic diagnosis of COVID-19 based on acoustic cough features	International Journal of Imaging Systems and Technology
50	Tarakaramu, N., Satya Narayana, P.V., Sivajothi, R., Bhagya Lakshmi, K., Harish Babu, D., Venkateswarlu, B.	Three-dimensional non-Newtonian couple stress fluid flow over a permeable stretching surface with nonlinear thermal radiation and heat source effects	Heat Transfer
51	Harish Babu, D., Venkateswarlu, B., Sarojamma, G., Satya Narayana, P.V.	Coupled Impression of Radiative Thermal Flux and Lorentz Force on the Water Carrying Composite Nanoliquid Streaming Past an Elastic Sheet	Journal of Thermal Science and Engineering Applications

52	Manorama Devi, B., Vemuri, S., Chandrashekhar, A., Sushama, C., Nandankar, P.V., Kundu, P.	Impact of COVID-19 pandemic and the diagnosis of the virus in the human body	World Journal of Engineering
53	Radhakrishnan Lawrence, K., Huang, Z., Nguyen, X.P., Balasubramanian, D., Gangula, V.R., Doddipalli, R.R., Le, V.V., Bharathy, S., Hoang, A.T.	Exploration over combined impacts of modified piston bowl geometry and tert-butyl hydroquinone additive-included biodiesel/diesel blend on diesel engine behaviors	Fuel
54	Mathakala, V., Muppuru, M.K., Palempalli, U.M.D.	Halophila beccarii extract ameliorate glucose uptake in 3T3-L1 adipocyte cells and improves glucose homeostasis in streptozotocin-induced diabetic rats	Heliyon
55	Raj, A.G.S., Mishra, C.S.	Simulation and experimental data resemblance of darmstadt spark ignition engine with different turbulence models – A computational fluid dynamics cold flow data	Data in Brief
56	Moulali, P., Tarigonda, H., Prasad, B.D.	Optimization of Performance Characteristics of Homogeneous Charge Compression Ignition Engine with Biodiesel using Artificial Neural Network (ANN) and Response Surface Methodology (RSM)	Journal of The Institution of Engineers (India): Series C
57	Cheepati, K.R., Rivera, M., Wheeler, P., Suburaj, V., Krishnan, S., Daram, S.B., Amaresh, K.	A Two-Step Horizon Optimum Switching Vector-Model Predictive Control with a Novel Shunt Active Filter Reference Current Extraction	Journal of Circuits, Systems and Computers
58	Jyothsna, V., Munivara Prasad, K., GopiChand, G., Durga Bhavani, D.	DLMHS: Flow-based intrusion detection system using deep learning neural network and meta-heuristic scale	International Journal of Communication Systems
59	Pamula Pullaiah, N.R., Venkatasekhar, D., Venkatramana, P., Sudhakar, B.	Binary differential evolution with self learning and deep neural network for breast cancer classification	Concurrency and Computation: Practice and Experience
60	Nimmagadda, P., Swamy, K.A., Prathima, S., Chintha, S., Alex, Z.C.	Short-term uncleaned signal to noise threshold ratio based end-to-end time domain speech enhancement in digital hearing aids	Indonesian Journal of Electrical Engineering and Computer Science
61	Neelima, K., Chennapalli, S.	Post-pandemic global inequalities: Causes and measures	Emerging Trends and Insights on Economic Inequality in the Wake of Global Crises
62	Buragadda, V., Kompala, M.P.	Effect of Novel Chicken Feather-Jute Geotextile Composite Reinforcement on Sand Load Bearing Capacity: An Experimental Study	International Journal of Geosynthetics and Ground Engineering
63	Devaraj, S., Yarrakula, K., Martha, T.R., Murugesan, G.P., Vaka, D.S., Surampudi, S., Wadhwa, A., Loganathan, P., Budamala, V.	Time series SAR interferometry approach for landslide identification in mountainous areas of Western Ghats, India	Journal of Earth System Science
64	Seshadri Ramana, K., Bala Chowdappa, K., Obulesu, O., Mandru, D.B., Kallam, S.	Deep convolution neural networks learned image classification for early cancer detection using lightweight	Soft Computing
65	Arun, V., Kumar, N.M.G., Prabaharan, N.	A hybrid reference pulse width modulation technique for binary source multilevel inverter	International Journal of Power Electronics and Drive Systems
66	Kumar, G.H., Ramesh, G.P.	Node localization algorithm for detecting malicious nodes to prevent connection failures and improve end-to-end delay	Computer Communications
67	Sujatha, D., Subramaniam, M., Rene Robin, C.R.	A new design of multimedia big data retrieval enabled by deep feature learning and Adaptive Semantic Similarity Function	Multimedia Systems

#	Authors	Title	Journal
68	Babu, K.S.S., Parandhama, A., Vijaya, R.B.	Significance of heat source/sink on the radiative flow of Cross nanofluid across an exponentially stretching surface towards a stagnation point with chemical reaction	Heat Transfer
69	Britto, A.S.F., Binoj, J.S., Manikandan, N., Surendranatha, G.M., Naidu, B.V.V., Raveendran, P.S.	Effect of interfacial thickness on microstructure, mechanical properties, and modelling of diffusion fused dissimilar Al alloys for process optimization using ANN-GA method	Multiscale and Multidisciplinary Modeling, Experiments and Design
70	Mekala, M.S., Dhiman, G., Patan, R., Kallam, S., Ramana, K., Yadav, K., Alharbi, A.O.	Deep learning-influenced joint vehicle-to-infrastructure and vehicle-to-vehicle communication approach for internet of vehicles	Expert Systems
71	Sreelakshmi, S., Sujatha, M.S., Rahul, J.R.	Multi-level inverter with novel carrier pulse width modulation technique for high voltage applications	Indonesian Journal of Electrical Engineering and Computer Science
72	Sunitha, G., Geetha, K., Neelakandan, S., Pundir, A.K.S., Hemalatha, S., Kumar, V.	Intelligent deep learning based ethnicity recognition and classification using facial images	Image and Vision Computing
73	Uma Ravi Sankar, A., Varalakshmi, M., Kiran, Y.B., Rambabu, G., Yoon, K.R.	Design and Synthesis of new binuclear photo luminescent Europium (III) complex	Inorganic Chemistry Communications
74	Harathi, N., Bollu, M., Pasupuleti, K.S., Tauanov, Z., Peta, K.R., Kim, M.-D., Reddeppa, M., Sarkar, A., Rao, V.N.	PrGO decorated TiO2 nanoplates hybrid nanocomposite for augmented NO2 gas detection with faster gas kinetics under UV light irradiation	Sensors and Actuators B: Chemical
75	Sathish, K., Narayana, Y.V., Mekala, M.S., Rizwan, P., Kallam, S.	Efficient tumor volume measurement and segmentation approach for CT image based on twin support vector machines	Neural Computing and Applications
76	Aswini, J., Yamini, B., Jatothu, R., Nayaki, K.S., Nalini, M.	An efficient cloud-based healthcare services paradigm for chronic kidney disease prediction application using boosted support vector machine	Concurrency and Computation: Practice and Experience
77	Mydukuri, R.V., Kallam, S., Patan, R., Al-Turjman, F., Ramachandran, M.	Deming least square regressed feature selection and Gaussian neuro-fuzzy multi-layered data classifier for early COVID prediction	Expert Systems
78	Parimalasundar, E., Jayakumar, S., Ravikumar, R., Suresh, K.	Investigation analysis of open circuit and short circuit fault on cascaded H-bridged multilevel inverter using artificial neural network approach	International Journal of Electrical and Electronics Research
79	Pushpakumar, K., Varalakshmi, M., Sankar, A.U.R., Naidu, R.M., Umamahesh, K., Reddy, D.V., Raju, C.N.	Synthesis, Spectral Characterization, and Antimicrobial Evaluation of N,N'-(1,4-Phenylene)diurea Derivatives	Russian Journal of Organic Chemistry
80	Morasa, B., Nimmagadda, P.	Low power residue number system using lookup table decomposition and finite state machine based post computation	Indonesian Journal of Electrical Engineering and Computer Science
81	Madhavi, K.R., Kora, P., Reddy, L.V., Avanija, J., Soujanya, K.L.S., Telagarapu, P.	Cardiac arrhythmia detection using dual-tree wavelet transform and convolutional neural network	Soft Computing
82	Venkata Sudhakar, C., Umamaheswara Reddy, G.	Land use Land cover change Assessment at Cement Industrial area using Landsat data-hybrid classification in part of YSR Kadapa District, Andhra Pradesh, India	International Journal of Intelligent Systems and Applications in Engineering
83	Feroz Khan, A.B., R, H.L., Kalpana Devi, S., Rajalakshmi, C.N.	A multi-attribute based trusted routing for embedded devices in MANET-IoT	Microprocessors and Microsystems

84	Thooyavan, Y., Kumaraswamidhas, L.A., Raj, R.E., Binoj, J.S.	Influence of SiC micro and nano particles on tribological, water absorption and mechanical properties of basalt bidirectional mat/vinyl ester composites	Composites Science and Technology
85	Balakrishnan, A., Ramana, K., Nanmaran, K., Ramachandran, M., Bhaskar, V., Kallam, S.	RSSI Based Localization and Tracking in a Spatial Network System using Wireless Sensor Networks	Wireless Personal Communications
86	Kavitha, T., Mathai, P.P., Karthikeyan, C., Ashok, M., Kohar, R., Avanija, J., Neelakandan, S.	Deep Learning Based Capsule Neural Network Model for Breast Cancer Diagnosis Using Mammogram Images	Interdisciplinary Sciences – Computational Life Sciences
87	Sujatha, D., Subramaniam, M., Kathirvel, A.	Class level multi-feature semantic similarity-based efficient multimedia big data retrieval	Artificial Intelligent Techniques for Wireless Communication and Networking
88	Kathirvel, A., Navaneethan, S., Subramaniam, M.	EIDR umpiring security models for wireless sensor networks	Artificial Intelligent Techniques for Wireless Communication and Networking
89	Ch, G., S, T., R, R., Sri Sai Satyanarayana, D., Srinivasulu, A., K, K.K.	Association of vaccine medication for the efficacious COVID-19 treatment	World Journal of Engineering
90	Kumar, M.S., Harika, A., Sushama, C., Neelima, P.	Automated extraction of non-functional requirements from text files: A supervised learning approach	Handbook of Intelligent Computing and Optimization for Sustainable Development
91	Suresh, K., Vijayshankar, S., Sathyaseelan, B., Saravanan, R.	Multi-Input Multi-Output Converter for Universal Power Conversion Operation	Journal of Circuits, Systems and Computers
92	Saravanan, R., Vijayshankar, S., Sathyaseelan, Suresh, K.	Integrated DC-AC and AC-DC converter using H-converter for wide range voltage applications	Circuit World
93	Siva Subramanian, R., Prabha, D., Maheswari, B., Aswini, J.	Customer analysis using machine learning algorithms: A case study using banking consumer dataset	Advances in Parallel Computing
94	Daram, S.B., Ak, V., Angadi, R.V., Sesiprabha, K.	An approach to Contingency Severity Prediction using Data Analytic Techniques in a Power System	Proceedings – 2022 International Conference on Smart and Sustainable Technologies in Energy and Power Sectors, SSTEPS 2022
95	Angadi, R.V., Daram, S.B., Venkataramu, P.S., Joshi Manohar, V.	Data Mining and Machine Learning Technique in Contingency Analysis of Power System with UPFC	Distributed Generation and Alternative Energy Journal
96	Anil Kumar, N., Farooq, S.A., Dankan Gowda, V., Sandeep Prabhu, M., Reddy, A.M., Tanguturi, R.	Improved Secure Communication Mechanism for IoT Platform Devices	2022 International Conference on Smart Generation Computing, Communication and Networking, SMART GENCON 2022
97	Sundaramoorthy, P., Arun, V., Kumar, B.H., Kavali, J., Balaji, M.	Investigations on Novel Hybrid Reluctance Motor for Electric Vehicle Applications [Recherches sur un nouveau moteur à réluctance hybride pour les applications au véhicule électrique]	IEEE Canadian Journal of Electrical and Computer Engineering
98	Anil Kumar, N., Kumar, G.K., Girirajan, B., Gopatoti, A., Kiran, S., Sarkar, P.	Image Enhancement Using Laplacian Gaussian Pyramid Based Fusion and Band Rationing Algorithm	Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022
99	Anitha, C., John, E.P., Kathiresan, K., Krishnakumar, N.J., Karthik, V., Sasidevi, J.	Emotion Identification and Detection from Multichannel EEG Signals Using Artificial Neural Network	Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022
100	Umaeswari, P., Babu, S.B.G.T., Sankaru, G.A., Prasad, G.N.R., Sai Thrinath, B.V., Balasubramanyam, K.	Machine Learning Based Predicting the Assisted Living Care Needs	Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022
101	Moorthy, C.B., Sai Thrinath, B.V., Palanivel, M., Pavani, K., Kumar, P., Kumar Jha, M.	Smart Grid Using Power Internet of Things Architecture	Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022
102	Mahendran, R., Tadiboina, S.N., Sai Thrinath, B.V., Gadgil, A., Madem, S., Srivastava, Y.	Application of Machine Learning and Internet of Things for Identification of Nutrient Deficiencies in Oil Palm	Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022

103	Ravi Kumar, D.N.S., Madhavi, K.R., Praveen, N., Kumar, H.H.P., Srinivas, G., Raju, M.V.	Acoustic Feedback Noise Cancellation in Hearing Aids Using Adaptive Filter	International Journal of Integrated Engineering
104	Sakthivel, M., Kant Gupta, S., Karras, D.A., Khang, A., Kumar Dixit, C., Haralayya, B.	Solving Vehicle Routing Problem for Intelligent Systems using Delaunay Triangulation	IEEE International Conference on Knowledge Engineering and Communication Systems, ICKES 2022
105	Kumar, V.S., Sakthivel, M., Karras, D.A., Kant Gupta, S., Parambil Gangadharan, S.M., Haralayya, B.	Drone Surveillance in Flood Affected Areas using Firefly Algorithm	IEEE International Conference on Knowledge Engineering and Communication Systems, ICKES 2022
106	Pamula Pullaiah, N.R., Venkatasekhar, D., Venkatramana, P.	Breast Cancer Classification using Customized ResNet based Convolution Neural Networks	IEEE International Conference on Knowledge Engineering and Communication Systems, ICKES 2022
107	Morasa, B., Anwaraly, Y.B., Chennuru, J.R., Devara, C., Gavvalla, M.	Smart Monitoring System for Waste Management Using IoT	Communications in Computer and Information Science
108	Begum Anwaraly, Y., Balaji, M.	Design of PLC based Building Control for Energy Optimization	INDICON 2022 – 2022 IEEE 19th India Council International Conference
109	Murthy, D.S., Prasad, V.S., Aman, K., Kumar Reddy, M.P., Madhavi, K.R., Sunitha, G.	An Investigative Study of Shallow, Deep and Dense Learning Models for Breast Cancer Detection based on Microcalcifications	2022 International Conference on Data Science, Agents and Artificial Intelligence, ICDSAAI 2022
110	Narendra Kumar Rao, B., Partheeban, P., Naseeba, B., Raju, H.P.	ML Approaches to Detect Email Spam Anamoly	2022 International Conference on Data Science, Agents and Artificial Intelligence, ICDSAAI 2022
111	Balakrishna, N., Sunitha, G., Karthik, A., Madhavi, K.R., Avanija, J.	Tomato Leaf Disease Detection Using Deep Learning: A CNN Approach	2022 International Conference on Data Science, Agents and Artificial Intelligence, ICDSAAI 2022
112	Natarajan, V.A., Bhavishya, G., Siddardha, B., Reddy, B.S.N., Dathusai, G., Sree, G.V.	Detection of Skin Malignancy Using Deep Convolutional Neural Networks with Transfer Learning Techniques	2022 International Conference on Data Science, Agents and Artificial Intelligence, ICDSAAI 2022
113	Sujatha, M.S., Shashank, P., Ahammad, S., Dharma Teja, R., Vijji, K., Hithesh, A.R.	Advanced Protection System for SCADA using Fog Computing	International Conference on Automation, Computing and Renewable Systems, ICACRS 2022 – Proceedings
114	Anil Kumar, N., Vijayalakshmi, S., Baswaraj, D., Selvarajan, P., Chandramohan, S., Tiwari, M.	Towards Internet of Things: Integration of Wireless Sensor Network to Cloud Services for Data Collection and Sharing	International Conference on Automation, Computing and Renewable Systems, ICACRS 2022 – Proceedings
115	Anantha Natarajan, V., Vardhan, P.V., Priya, N.M.S., Vineeth, N., Parthu, V.	Real-Time Face Mask Detection from CCTV Video Frames using Deep Neural Networks	International Conference on Automation, Computing and Renewable Systems, ICACRS 2022 – Proceedings
116	Sindhuja, R., Padma, S., Parimalasundar, E., Suresh, K.	Comparison between Symmetrical and Asymmetrical 13 Level MLI with Minimal Switches	International Conference on Automation, Computing and Renewable Systems, ICACRS 2022 – Proceedings
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#	Authors	Title	Source
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320	Seerangan, R.N., Kumar, S.P.	An Intensive Study on Effect of Tool Traverse Speed on Formation of Stir Zone Microstructure and Mechanical Properties of Friction Stir Welded HSLA Steel Joints	SAE Technical Papers

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