School of Electrical and Communication

Department of Electronics and Communication Engineering

Faculty Publication Details During the Assessment Period

Academic Year 2022-23

S. No.	Name	Title	Month	Document Type	Source title	DoI / ISSN / ISBN	Volume (Issue)	Publisher	Scopus /WoS /Others
1	Ms. Diana Earshia V	Climate Change Prediction using Deep Learning	Jun-2023	Conference paper	AIP Conference Proceedings	10.1063/5.0139449	2766	American Institute of Physics Inc.	Scopus
2	Dr. Kanmani Ruby E D	Fuzzy based Brake Lever Effect in Authentication of Power Brake Boosters	Jun-2023	Conference paper	AIP Conference Proceedings	10.1063/5.0139338	2766	American Institute of Physics Inc.	Scopus
3	Dr. Bharathi C R	Simulation of Vibration Based Model Using Finite Element Analysis (FEA) Method	Jun-2023	Conference paper	AIP Conference Proceedings	10.1063/5.0139425	2766	American Institute of Physics Inc.	Scopus
4	Mr. Vijay Albert William M	Non – Destructive Testing (NDT) Analysis in Fused Deposition Modeling – A Review	Jun-2023	Conference paper	AIP Conference Proceedings	10.1063/5.0139323	2766	American Institute of Physics Inc.	Scopus
5	Dr. Anto Bennet M	IoT based real time health care monitoring system using PIC micro controller	Jun-2023	Conference paper	AIP Conference Proceedings	10.1063/5.0126167	2581	American Institute of Physics Inc.	Scopus
6	Dr. Arun C A	Body controlled module for electric vehicles	Jun-2023	Conference paper	AIP Conference Proceedings	10.1063/5.0126522	2581	American Institute of Physics Inc.	Scopus

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7	Dr. Aloy Anuja Mary G	Hybrid spectrum sensing based on adaptive threshold joint correlation and energy detection for cognitive radio network	Jun-2023	Conference paper	AIP Conference Proceedings	10.1063/5.0126189	2581	American Institute of Physics Inc.	Scopus
8	Dr. Arun C A	Hierarchical IoT network management and cloud computing to make healthcare green	Jun-2023	Conference paper	AIP Conference Proceedings	10.1063/5.0126165	2581	American Institute of Physics Inc.	Scopus
9	Mr. Farithkhan A	Energy optimized quorum system MAC protocol for wireless sensor networks	Jun-2023	Conference paper	AIP Conference Proceedings	10.1063/5.0126177	2581	American Institute of Physics Inc.	Scopus
10	Dr. Natarajan S	Design and Simulation of a Reconfigurable Multifunctional Optical Sensor	Jun-2023	Article	Optical Memory and Neural Networks (Information Optics)	10.3103/S1060992X2302008X	32 (2)	Pleiades Publishing	WoS
11	Dr. Britto Pari J	Performance Analysis of Pulse Triggered Flip-Flop	Jun-2023	Article	Evergreen	10.5109/6793656	10 (2)	Joint Journal of Novel Carbon Resource Sciences and Green Asia Strategy	Scopus

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12	Dr. Mazher Iqbal J L	Machine learning technique-based emotion classification using speech signals	Jun-2023	Article	Soft Computing	10.1007/s00500-023-08185-x	27 (12)	Springer Science and Business Media Deutschland GmbH	WoS
13	Dr. Mazher Iqbal J L	Modified parametric-based AlexNet structure to classify ECG signals for cardiovascular diseases	Jun-2023	Article	Measurement: Sensors	10.1016/j.measen.2023.100816	27	Elsevier Ltd	Scopus
14	Dr. Bikash Ranjan Behera	Reconfigurable Antennas for RF Energy Harvesting Application: Current Trends, Challenges, and Solutions from Design Perspective	Jun-2023	Article	Electronics (Switzerland)	10.3390/electronics12122723	12 (12)	MDPI	WoS
15	Dr. Rahul S G	Active power control in horizontal axis wind turbine considering the fatigue structural load parameter using psuedo adaptive-model predictive control scheme	Jun-2023	Article	Sustainable Energy Technologies and Assessments	10.1016/j.seta.2023.103166	57	Elsevier Ltd	WoS

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16	Dr. Nanmaran R	Performance observation of a concurrent compute-intensive vision system in a human-like autonomous intelligent robot	Jun-2023	Article	Measurement: Sensors	10.1016/j.measen.2023.100805	27	Elsevier Ltd	Scopus
17	Dr. Suresh P	On chip network with increased performance for efficient wireless communication	Jun-2023	Article	Measurement: Sensors	10.1016/j.measen.2023.100804	27	Elsevier Ltd	Scopus
18	Dr. Kanmani Pappa C	Advanced day lighting system using fiber optics	Jun-2023	Article	Optical and Quantum Electronics	10.1007/s11082-023-04608-z	55 (6)	Springer	WoS
19	Dr. Anto Bennet M	HI-Shaped Antenna for Non-Invasive Diabetes Measurement and Monitor Fluctuating Diabetes	Jun-2023	Article	ECTI Transactions on Electrical Engineering, Electronics, and Communications	10.37936/ecti-eec.2023212.249827	21 (2)	ECTI Association	Scopus
20	Dr. Kavitha T	Efficient methods to improve power bandwidth measurement of ETSI low bandwidth digital mobile radio	Jun-2023	Article	Measurement: Sensors	10.1016/j.measen.2023.100703	27	Elsevier Ltd	Scopus

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21	Dr. Valarmathi R S	A smart system for multiple agricultural applications	May-2023	Conference paper	AIP Conference Proceedings	10.1063/5.0113838	2492	American Institute of Physics Inc.	Scopus
22	Dr. Jana S	Plant Leaf Disease Prediction Using Deep Dense Net Slice Fragmentation and Segmentation Feature Selection Using Convolution Neural Network	May-2023	Article	International Journal of Intelligent Systems and Applications in Engineering	2147 6799	3	Ismail Saritas	Scopus
23	Dr. Balaji L	Glaucoma detection with improved deep learning model trained with optimal features: An improved meta-heuristic model	May-2023	Article	International Journal of Intelligent Systems and Applications in Engineering	2147 6799	3	Ismail Saritas	Scopus
24	Dr. Kanmani Ruby E D	A novel method of improving energy efficient QoS in FANET using Correlation And Confidence Based Gradient Clustering Metric approach	May-2023	Article	International Journal of Communication Systems	10.1002/dac.5451	36 (7)	John Wiley and Sons Ltd	WoS
25	Dr. Velmurugan V	Design and Development of an Improved Multimodal	May-2023	Article	SSRG International Journal of	10.14445/23488379/IJEEE-V10I5P102	10 (5)	Seventh Sense Research Group	Scopus

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		Biometric Authentication System using Machine learning Classifiers			Electrical and Electronics Engineering				
26	Dr. Kavitha T	A Review of Challenges and Solutions for Speech Quality Measurement in Low Bandwidth Sensor Networks	May-2023	Article	SSRG International Journal of Electronics and Communication Engineering	10.14445/23488549/IJECE-V10I5P114	10 (5)	Seventh Sense Research Group	Scopus
27	Dr. Balaji L	A Compact Planar Monopole UWB MIMO Antenna for Short-Range Indoor Applications	May-2023	Article	Sensors	10.3390/s23094225	23 (9)	MDPI	Scopus
28	Dr. Dasari Naga Vinod	COVID-19-The Role of Artificial Intelligence, Machine Learning, and Deep Learning: A Newfangled	May-2023	Review	Archives of Computational Methods in Engineering	10.1007/s11831-023-09882-4	30 (4)	Springer Science and Business Media B.V.	WoS
29	Dr. Arun MR	Analysis of Data Science and AI-enabled 6G Wireless Communication Networks	May-2023	Article	Radioelectronics and Communications Systems	10.3103/S0735272723050059	66 (5)	Allerton Press Inc.	Scopus
30	Dr. Kavitha T	An Intelligent Speech Quality Measurement Method for	May-2023	Article	SSRG International Journal of	10.14445/23488379/IJEEE-V10I5P118	10 (5)	Seventh Sense Research Group	Scopus

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		Transmission over Low Bandwidth Wireless Network			Electrical and Electronics Engineering				
31	Dr. Kavitha T	Artificial intelligence based garbage monitoring system (GMS) for garbage management using integrated sensors	Apr-2023	Book chapter	Human-Assisted Intelligent Computing: Modelling, simulations and applications	10.1088/978-0-7503-4801-0ch31	NA	Institute of Physics Publishing	Scopus
32	Dr. Lordwin Cecil Prabhaker M	IoT Based Air Quality Monitoring and Plant Disease Detection for Agriculture	Apr-2023	Article	Automatic Control and Computer Sciences	10.3103/S0146411623020074	57 (2)	Pleiades Publishing	WoS
33	Dr. Esther Rani P	Deep Learning Based Channel Estimation and Secure data Transmission Using IEHO-DLNN and MECC Algorithm in Mu-MIMO OFDM System	Apr-2023	Article	Wireless Personal Communications	10.1007/s11277-023-10172-2	129 (4)	Springer	Scopus
34	Dr. M. Ajisha	Low-complex resource mapping heuristics for mobile and iot workloads on NoC-HMPSoC architecture	Apr-2023	Article	Microprocessors and Microsystems	10.1016/j.micpro.2023.104802	98	Elsevier B.V.	WoS
35	Dr. Kanimozhi T	A novel adaptive network intrusion	Apr-2023	Article	PLoS ONE	10.1371/journal.pone.0283725	18 (4)	Public Library of Science	WoS

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		detection system for internet of things							
36	Dr. Saravanan S	A Framework of Faster CRNN and VGG16-Enhanced Region Proposal Network for Detection and Grade Classification of Knee RA	Apr-2023	Article	Diagnostics	10.3390/diagnostics13081385	13 (8)	Multidisciplinary Digital Publishing Institute (MDPI)	Scopus
37	Dr. Muthukrishnan A	A secure quantum technology for smart cities using Travelling Salesman Problem (TSP): Application perspectives	Mar-2023	Book chapter	Handbook of Research on Quantum Computing for Smart Environments	10.4018/978-1-6684-6697-1.ch009	NA	IGI Global	Scopus
38	Dr. Aloy Anuja Mary G	Hybridization of Energy Optimization Technique for Cluster Based Routing using Various Computational Intelligence Methods in WSN	Mar-2023	Article	International Journal on Recent and Innovation Trends in Computing and Communication	10.17762/ijritcc.v11i4s.6535	11 (4)	Auricle Global Society of Education and Research	Scopus
39	Dr. Esther Rani P	A Novel Approach for Optimization of Convolution Neural Network with Particle Swarm Optimization	Mar-2023	Article	International Journal on Recent and Innovation Trends in	10.17762/ijritcc.v11i4s.6531	11 (4)	Auricle Global Society of Education and Research	Scopus

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		and Genetic Algorithm for Face Recognition			Computing and Communication				
40	Dr. Ashvanth B	Terahertz metamaterial absorbers with fixed, controllable, and tunable multiband characteristics	Mar-2023	Article	Journal of Optoelectronics and Advanced Materials	1454-4164	25	National Institute of Optoelectronics	Scopus
41	Dr. Sankar M	A Coyote Optimization-Based Residual Attention Echo State Reactive Controller for Improving Power Quality in Grid-PV Systems	Mar-2023	Article	Machines	10.3390/machines11030384	11 (3)	MDPI	Scopus
42	Dr. Saravanan S	Grade Classification of Tumors from Brain Magnetic Resonance Images Using a Deep Learning Technique	Mar-2023	Article	Diagnostics	10.3390/diagnostics13061153	13 (6)	Multidisciplinary Digital Publishing Institute (MDPI)	Scopus
43	Ms. Diana Earshia V	Interpolation of Low-Resolution Images for Improved Accuracy Using an ANN Quadratic Interpolator	Mar-2023	Article	International Journal on Recent and Innovation Trends in Computing and Communication	10.17762/ijritcc.v11i4s.6319	11	Auricle Global Society of Education and Research	Scopus

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44	Dr. Sahaya Sheela M	A Jamming Attacks Detection Approach Based on CNN based Quantum Leap Method for Wireless Sensor Network	Mar-2023	Article	International Journal on Recent and Innovation Trends in Computing and Communication	10.17762/ijritcc.v11i4s.6534	11 (4)	Auricle Global Society of Education and Research	Scopus
45	Dr. Vinodh Kumar N	Design and Analysis of Multiplexer based Approximate Adder for Low Power Applications	Mar-2023	Article	International Journal on Recent and Innovation Trends in Computing and Communication	10.17762/ijritcc.v11i3.6341	11 (3)	Auricle Global Society of Education and Research	Scopus
46	Dr. Beulah Jackson	Systematically efficiency enabled energy usage method for an IOT based WSN environment	Feb-2023	Article	Measurement: Sensors	10.1016/j.measen.2022.100615	25	Elsevier Ltd	Scopus
47	Dr. Velmurugan V	Analysis of power optimization and enhanced routing protocols for wireless sensor networks	Feb-2023	Article	Measurement: Sensors	10.1016/j.measen.2022.100610	25	Elsevier Ltd	Scopus
48	Dr. Balaji L	PCA Based Dimensional Data Reduction and Segmentation for DICOM Images	Feb-2023	Article	Neural Processing Letters	10.1007/s11063-020-10391-9	55 (1)	Springer	Scopus

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49	Dr. Kavitha T	E Model Development for Land Mobile Radio System	Feb-2023	Article	SSRG International Journal of Electrical and Electronics Engineering	10.14445/2348 8379/IJEEE-V10I2P109	10 (2)	Seventh Sense Research Group	Scopus
50	Dr. Jency Rubia J	An adaptive transformer model for anomaly detection in wireless sensor networks in real-time	Feb-2023	Article	Measurement: Sensors	10.1016/j.meas en.2022.10062 5	25	Elsevier Ltd	Scopus
51	Dr. Kanmani Pappa C	Optical network on chip: design of wavelength routed optical ring architecture	Feb-2023	Article	Bulletin of Electrical Engineering and Informatics	10.11591/eei.v 12i1.4294	12 (1)	Institute of Advanced Engineering and Science	Scopus
52	Dr. Karthikeyan K A	High-Q and FOM Dual-Band Polarization Dependent Ultra-Narrowband Terahertz Metamaterial Sensor	Feb-2023	Article	IEEE Photonics Journal	10.1109/JPHOT. 2023.3234074	15 (1)	Institute of Electrical and Electronics Engineers Inc.	WoS
53	Dr. Oudaya Coumar S	Suppression of Harmonics in an Air-Filled Dual Triangular Slotted Substrate-Integrated Waveguide-Based C-	Feb-2023	Article	Journal of The Institution of Engineers (India): Series B	10.1007/s4003 1-022-00823-6	104 (1)	Springer	Scopus

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		Band Filter for Satellite Applications							
54	Dr. Britto Pari J	Reconfigurable Architecture for Noise Cancellation in Acoustic Environment Using Single Multiply Accumulate Adaline Filter	Feb-2023	Article	Electronics (Switzerland)	10.3390/electronics12040810	12 (4)	MDPI	WoS
55	Dr. Lordwin Cecil Prabhaker M	Intelligent Optimization Approaches for a Secured Dynamic Partial Reconfigurable Architecture-Based Health Monitoring System	Feb-2023	Article	Journal of Circuits, Systems and Computers	10.1142/S0218126623500470	32 (3)	World Scientific	WoS
56	Dr. Saravanan S	Local-Ternary-Pattern-Based Associated Histogram Equalization Technique for Cervical Cancer Detection	Feb-2023	Article	Diagnostics	10.3390/diagnostics13030548	13 (3)	Multidisciplinary Digital Publishing Institute (MDPI)	Scopus

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57	Dr. Esther Rani P	ShortYOLO-CSP: a decisive incremental improvement for real-time vehicle detection	Feb-2023	Article	Journal of Real-Time Image Processing	10.1007/s11554-023-01256-0	20 (1)	Institute for Ionics	Scopus
58	Dr. Saravanan S	Image Noise Removal in Ultrasound Breast Images Based on Hybrid Deep Learning Technique	Feb-2023	Article	Sensors	10.3390/s23031167	23 (3)	MDPI	Scopus
59	Dr. Nirmal Jothi J	An Embedded System Approach to Design and Development of an Automatic Spin Coating Machine for Thin Film Applications	Jan-2023	Book chapter	Solid State Phenomena	10.4028/p-Q4OPam	350	Trans Tech Publications Ltd	Scopus
60	Dr. Sanmugasundaram R	A Compact Polyimide based antenna for 2.45 GHz WBAN Application	Jan-2023	Conference paper	Proceedings of IEEE 2023 5th International Conference on Advances in Electronics, Computers and Communications, ICAECC 2023	10.1109/ICAECC59324.2023.10560328	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus

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61	Dr. Mohanraj J	Nanomaterial Coated Side Polished Fiber for Early Diagnosis of Cardiovascular Disease by Label-free Sensing of Troponin Biomarker	Jan-2023	Conference paper	2023 IEEE Workshop on Recent Advances in Photonics, WRAP 2023	10.1109/WRAP59682.2023.10712831	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
62	Dr. Prabha M	Digital Twin Technology Used in the Energy and Power Sector	Jan-2023	Conference paper	2023 International Conference on New Frontiers in Communication, Automation, Management and Security, ICCAMS 2023	10.1109/ICCAMS60113.2023.10525767	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
63	Dr. Kavitha T	Advancements in Energy-Autonomous Wireless Sensor Networks: Integrating Simultaneous Energy Harvesting and Ambient Light Sensing Systems	Jan-2023	Conference paper	International Conference for Technological Engineering and its Applications in Sustainable Development, ICTEASD 2023	10.1109/ICTEASD57136.2023.10585249	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus

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64	Dr. Kavitha T	An Integrated Deep Learning and Edge Computing Framework for Intelligent Energy Management in IoT-Based Smart Cities	Jan-2023	Conference paper	International Conference for Technological Engineering and its Applications in Sustainable Development, ICTEASD 2023	10.1109/ICTEASD57136.2023.10585232	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
65	Dr. Kavitha T	Smart Grids and Demand Responses Stratergies for Efficient Energy Management in IoT Based Urban Environments	Jan-2023	Conference paper	International Conference for Technological Engineering and its Applications in Sustainable Development, ICTEASD 2023	10.1109/ICTEASD57136.2023.10585021	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
66	Dr. Kavitha T	Smart Prediction Models for Energy Efficiency in Smart Residential Buildings: A Deep Learning Approach	Jan-2023	Conference paper	International Conference for Technological Engineering and its Applications in Sustainable Development, ICTEASD 2023	10.1109/ICTEASD57136.2023.10585084	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
67	Dr. Valliammai M	A Compact Slotted Ring Optically Transparent Antenna for X-Band Applications	Jan-2023	Conference paper	2023 IEEE Workshop on Recent Advances in Photonics, WRAP 2023	10.1109/WRAP59682.2023.10712923	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus

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68	Dr. Vinodh Kumar N	Optical Waveguide based Surface Plasmonic Resonance Biosensor for Early Detection of Human Teeth Cavity	Jan-2023	Conference paper	2023 IEEE Workshop on Recent Advances in Photonics, WRAP 2023	10.1109/WRAP59682.2023.10712870	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
69	Dr. Vinodh Kumar N	All Fiber-Optic Ammonia Gas Sensor Using Few-Layer MoS2 Coated Side Polished Fiber	Jan-2023	Conference paper	2023 IEEE Workshop on Recent Advances in Photonics, WRAP 2023	10.1109/WRAP59682.2023.10712905	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
70	Dr. Mazher Iqbal J L	Low power and low area multiplier and accumulator block for efficient implementation of FIR filter	Jan-2023	Book chapter	Low Power Designs in Nanodevices and Circuits for Emerging Applications	10.1201/9781003459231-16	NA	CRC Press	Scopus
71	Dr. Anandan M	Managing Power Demand and Supply in Local Multi Micro grids with Volatility in Renewable Energy Sources	Jan-2023	Conference paper	International Conference for Technological Engineering and its Applications in Sustainable Development, ICTEASD 2023	10.1109/ICTEASD57136.2023.10584972	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
72	Dr. Selwin Mich Priyadharson A	Low-power VLSI design using clock-gated technique	Jan-2023	Book chapter	Low Power Designs in Nanodevices and Circuits for	10.1201/9781003459231-1	NA	CRC Press	Scopus

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					Emerging Applications				
73	Dr. Prabha M	Design and implementation of A Bio-Inspired Robot Arm: Machine learning, Robot vision	Jan-2023	Conference paper	2023 International Conference on New Frontiers in Communication, Automation, Management and Security, ICCAMS 2023	10.1109/ICCAMS60113.2023.10526171	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
74	Dr. Jeen Retna Kumar R	Efficient Violence Recognition System using Spatio-Temporal Shift Multi-Scale Attention Model	Jan-2023	Conference paper	2023 IEEE 20th India Council International Conference, INDICON 2023	10.1109/INDICON59947.2023.10440925	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
75	Dr. Preethi D	Comparison of Different CNN architectures for Grape Leaf Disease Classification	Jan-2023	Conference paper	2023 International Conference on Evolutionary Algorithms and Soft Computing Techniques, EASCT 2023	10.1109/EASCT59475.2023.10393160	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus

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76	Dr. Anto Bennet M	An Image Feature Extraction Approach Using a Randomized Deep Neural Network Algorithm	Jan-2023	Conference paper	2023 4th International Conference on Computation, Automation and Knowledge Management, ICCAKM 2023	10.1109/ICCAKM58659.2023.10449589	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
77	Dr. Britto Pari J	Performance Analysis of Multirate Filter Structures for Signal Processing Applications	Jan-2023	Conference paper	2023 3rd International Conference on Smart Generation Computing, Communication and Networking, SMART GENCON 2023	10.1109/SMARTGENCON60755.2023.10442272	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
78	Mr. Manikandan M	Fake News Prediction in Hindi and English Robust Transformer Model	Jan-2023	Conference paper	Proceedings of the 2023 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical	10.1109/ICSES60034.2023.10465437	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus

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					Systems, ICSES 2023				
79	Dr. Sreelakshmy R	An effective Convex-Hull Founded Borderline Recognition in Unattended Wireless Sensor Networks	Jan-2023	Conference paper	3rd IEEE International Conference on ICT in Business Industry and Government, ICTBIG 2023	10.1109/ICTBIG 59752.2023.10 455969	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
80	Dr. Sathesh M	Detection of Brain Tumour By Segmenting the Magnetic Resonance Image Using K-Nearest Neighbour Algorithm and Compare the Sensitivity and Accuracy With Convolutional Neural Network Algorithm	Jan-2023	Conference paper	2023 Intelligent Computing and Control for Engineering and Business Systems, ICCEBS 2023	10.1109/ICCEB S58601.2023.1 0449317	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus

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81	Dr. Sahaya Sheela M	Raspberry Pi Pico Based Real Time Patient Health Monitoring System	Jan-2023	Conference paper	2023 Intelligent Computing and Control for Engineering and Business Systems, ICCEBS 2023	10.1109/ICCEBS58601.2023.10448915	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
82	Dr. Uganya G	Intelligent Diagnostic System for Early stage prediction of Diabetes	Jan-2023	Conference paper	IET Conference Proceedings	10.1049/icp.2023.2879	2023 (22)	Institution of Engineering and Technology	Scopus
83	Dr. Arun C A	IoT-RPC Based Remote Controlling System for Energy-Efficient Air Conditioning and Ventilation in Shopping Malls	Jan-2023	Conference paper	2023 Intelligent Computing and Control for Engineering and Business Systems, ICCEBS 2023	10.1109/ICCEBS58601.2023.10449162	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
84	Dr. Annalakshmi G	Local Intensity Gradient Directional Pattern Based Coral Image Classification using Deep Neural Network	Jan-2023	Conference paper	2023 IEEE 20th India Council International Conference, INDICON 2023	10.1109/INDICON59947.2023.10440954	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
85	Dr. Uganya G	Performance Analysis of Brain Tumor Identification by Segmentation of Magnetic Resonance	Jan-2023	Conference paper	IET Conference Proceedings	10.1049/icp.2023.2891	2023 (22)	Institution of Engineering and Technology	Scopus

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		Images using KNN and CNN							
86	Dr. Gnanaprakas V	Performance Analysis of Deep Learning based Hybrid Precoder/Combiner in Millimeter Wave Massive MIMO Architecture	Jan-2023	Conference paper	2023 International Conference on Evolutionary Algorithms and Soft Computing Techniques, EASCT 2023	10.1109/EASCT 59475.2023.10 392436	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
87	Ms. Ambika Bhuvaneswari C	Optimistic Boosting Internet Connection Throughput by Incorporating Blockchain Filters into Network Infrastructure	Jan-2023	Conference paper	Proceedings of the 2023 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems, ICSES 2023	10.1109/ICSES 60034.2023.10 465436	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
88	Dr. Ferlin Deva Shahila D	Novel Biometric ATM User Authentication and Real-Time Secure Clickbait for Multi-Bank Transactions	Jan-2023	Conference paper	2023 Intelligent Computing and Control for Engineering and Business Systems, ICCEBS 2023	10.1109/ICCEB S58601.2023.1 0448889	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus

S. No.	Name	Title	Month	Document Type	Source title	DoI / ISSN / ISBN	Volume (Issue)	Publisher	Scopus /WoS /Others
89	Mr. Vinson Joshua S	Exploring the Potential of Text Mining for Automated Information Analysis	Jan-2023	Conference paper	2023 3rd International Conference on Smart Generation Computing, Communication and Networking, SMART GENCON 2023	10.1109/SMART GENCON60755. 2023.10441940	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
90	Dr. Kavitha T	Reconfigurable Computer Architecture for Signal Processing Applications	Jan-2023	Conference paper	2023 Intelligent Computing and Control for Engineering and Business Systems, ICCEBS 2023	10.1109/ICCEB S58601.2023.1 0449177	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
91	Dr. Uganya G	Intelligent Smart Trolley System Using Arduino	Jan-2023	Conference paper	2023 Intelligent Computing and Control for Engineering and Business Systems, ICCEBS 2023	10.1109/ICCEB S58601.2023.1 0448516	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
92	Dr. Shahnaz K V	An Effective Path Convergence Approach Founded on Recurrent Ant Colony Optimization	Jan-2023	Conference paper	2023 9th International Conference on Signal Processing and	10.1109/ICSC6 0394.2023.104 41147	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus

S. No.	Name	Title	Month	Document Type	Source title	DoI / ISSN / ISBN	Volume (Issue)	Publisher	Scopus /WoS /Others
		(RECACO) in Mobile Ad Hoc Networks			Communication, ICSC 2023				
93	Dr. Nalini N	Deep Learning Based Drowsiness Detection With Alert System Using Raspberry Pi Pico	Jan-2023	Conference paper	2023 International Conference on Data Science, Agents and Artificial Intelligence, ICDSAAI 2023	10.1109/ICDSAAI59313.2023.10452480	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
94	Dr. Harikrishna Paik	A T-Slot Loaded Wideband Hexagonal Patch Antenna for Modern Radar Systems	Jan-2023	Conference paper	2023 2nd International Conference on Futuristic Technologies, INCOFT 2023	10.1109/INCOFT60753.2023.10425764	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
95	Dr. Shahnaz K V	Implementation of Characteristic Mode Analysis in Single Fed Triple Mode Wideband Circularly Polarized Low Profile Antennas	Jan-2023	Conference paper	2023 Intelligent Computing and Control for Engineering and Business Systems, ICCEBS 2023	10.1109/ICCEBS58601.2023.10448948	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
96	Dr. Thenappan S	Efficient Detection of Missing and Misplaced Components in	Jan-2023	Conference paper	2023 International Conference on Data Science,	10.1109/ICDSAAI59313.2023.10452438	NA	Institute of Electrical and Electronics	Scopus

S. No.	Name	Title	Month	Document Type	Source title	DoI / ISSN / ISBN	Volume (Issue)	Publisher	Scopus /WoS /Others
		Electronic Boards through Edge Impulse's Automated Inspection			Agents and Artificial Intelligence, ICDSAAI 2023			Engineers Inc.	
97	Dr. Uganya G	Simulation and Comparison of Drain Current in 2D FET Using Molybdenum Disulphide (MoS2) and Molybdenum Selenide (MoSe2) Based Self Assembled Dielectric Monolayer	Jan-2023	Conference paper	2023 Intelligent Computing and Control for Engineering and Business Systems, ICCEBS 2023	10.1109/ICCEBS58601.2023.10448945	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
98	Dr. Ashwin L A	Single Image Dehazing for Efficient Search Exploration Using Machine Learning Technique	Jan-2023	Conference paper	2023 Intelligent Computing and Control for Engineering and Business Systems, ICCEBS 2023	10.1109/ICCEBS58601.2023.10448788	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
99	Mr. Venkataramanaiah B	Cardiovascular Abnormalities Identification by Machine Learning Classifiers and its Comparision	Jan-2023	Conference paper	2023 Intelligent Computing and Control for Engineering and Business Systems, ICCEBS 2023	10.1109/ICCEBS58601.2023.10448751	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus

S. No.	Name	Title	Month	Document Type	Source title	DoI / ISSN / ISBN	Volume (Issue)	Publisher	Scopus /WoS /Others
100	Dr. Preethi D	A Lightweight CNN Model for Breast Cancer Classification	Jan-2023	Conference paper	2023 International Conference on Data Science, Agents and Artificial Intelligence, ICDSAAI 2023	10.1109/ICDSAAI59313.2023.10452524	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
101	Mr. Venkataramanaiah B	IoT Based Real-Time Virtual Doctor Model for Human Health Monitoring	Jan-2023	Conference paper	2023 Intelligent Computing and Control for Engineering and Business Systems, ICCEBS 2023	10.1109/ICCEBS58601.2023.10448557	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
102	Dr. Prabha M	Inspired by Social-Spider Behavior for Microwave Filter Optimization, Swarm Optimization Algorithm	Jan-2023	Conference paper	2023 International Conference on New Frontiers in Communication, Automation, Management and Security, ICCAMS 2023	10.1109/ICCAMS60113.2023.10525828	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
103	Dr. David Neels Ponkumar D	Cloud-Enhanced Tele-ENT: A Scalable and Secure AI-Driven Diagnostics for Remote Ear,	Jan-2023	Conference paper	International Conference on Artificial Intelligence for Innovations in Healthcare	10.1109/ICAIIHI57871.2023.10489636	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus

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		Nose, and Throat Consultations			Industries, ICAIIHI 2023				
104	Mr. Sambath Kumar K	Advancements in Fake News Detection: Integrating NLP and Multi-Modal Approaches	Jan-2023	Conference paper	2023 Intelligent Computing and Control for Engineering and Business Systems, ICCEBS 2023	10.1109/ICCEBS58601.2023.10448703	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
105	Dr. Kavitha T	Intelligent Energy Monitoring Systems for Glacial Ecosystems	Jan-2023	Conference paper	2023 4th International Conference on Computation, Automation and Knowledge Management, ICCAKM 2023	10.1109/ICCAKM58659.2023.10449647	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
106	Dr. Uganya G	Comprehensive Flank Wear Prediction in Cutting Tools Using the FlaPix Algorithm	Jan-2023	Conference paper	IET Conference Proceedings	10.1049/icp.2023.2889	2023 (22)	Institution of Engineering and Technology	Scopus
107	Dr. Nalini N	Outlier Detection in Indoor Localization using 'Random	Jan-2023	Conference paper	2023 Intelligent Computing and Control for Engineering and	10.1109/ICCEBS58601.2023.10449262	NA	Institute of Electrical and Electronics	Scopus

S. No.	Name	Title	Month	Document Type	Source title	DoI / ISSN / ISBN	Volume (Issue)	Publisher	Scopus /WoS /Others
		Forest' and 'Support Vector Machine'			Business Systems, ICCEBS 2023			Engineers Inc.	
108	Dr. Harikrishna Paik	Design of a Right Hand Circularly Polarized Antenna Using PIN Diodes for Satellite Applications	Jan-2023	Conference paper	2023 2nd International Conference on Futuristic Technologies, INCOFT 2023	10.1109/INCOFT60753.2023.10425053	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
109	Dr. Sanjoy Debnath	Design and Performance Evaluation of High Gain Dual-Band Antenna for Wearable Applications	Jan-2023	Conference paper	2023 Global Conference on Information Technologies and Communications, GCITC 2023	10.1109/GCITC60406.2023.10425873	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
110	Dr. Thenappan S	Optimizing Plant Health Monitoring: A CNN Model Based Rice and Cotton Disease Prediction	Jan-2023	Conference paper	2023 International Conference on Data Science, Agents and Artificial Intelligence, ICDSAAI 2023	10.1109/ICDSAAI59313.2023.10452436	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
111	Mr. Mohan Sai Kumar CH	Adaptive Harmonic Plus Noise Model (A-HNM) Analysis for	Jan-2023	Conference paper	2023 2nd International Conference on Futuristic	10.1109/INCOFT60753.2023.10425415	NA	Institute of Electrical and Electronics	Scopus

S. No.	Name	Title	Month	Document Type	Source title	DoI / ISSN / ISBN	Volume (Issue)	Publisher	Scopus /WoS /Others
		Noise Reduction in Speech Signal			Technologies, INCOFT 2023			Engineers Inc.	
112	Dr. Uganya G	Smart Women Safety Device Using IoT and GPS Tracker	Jan-2023	Conference paper	2023 Intelligent Computing and Control for Engineering and Business Systems, ICCEBS 2023	10.1109/ICCEBS58601.2023.10449302	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
113	Dr. Ferlin Deva Shahila D	An Early Warning System for Driver Fatigue Detection Using Viola-Jones Over Hog Algorithm	Jan-2023	Conference paper	2023 Intelligent Computing and Control for Engineering and Business Systems, ICCEBS 2023	10.1109/ICCEBS58601.2023.10448968	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
114	Dr. Sahaya Sheela M	Secure Data Sharing and Mining in Distributed Environments	Jan-2023	Conference paper	Proceedings - International Conference on Technological Advancements in Computational Sciences, ICTACS 2023	10.1109/ICTACS59847.2023.10389943	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus

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115	Dr. Kavitha T	Designing an Improved Multiuser MIMO Framework using Enhanced Transmission Adoptions	Jan-2023	Conference paper	2nd International Conference on Automation, Computing and Renewable Systems, ICACRS 2023 - Proceedings	10.1109/ICACRS58579.2023.10404102	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
116	Dr. Joel Devadass Daniel D J	Spectrum Sensing Channel Allocation Based on Flower Pollination Algorithm in Cognitive Radio - VANET	Jan-2023	Conference paper	1st International Conference on Emerging Research in Computational Science, ICERCS 2023 - Proceedings	10.1109/ICERCS57948.2023.10434192	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
117	Dr. Beulah Jackson	Multi-Band Antenna Arrays for Seamless Connectivity in Internet of Things (IoT) Applications	Jan-2023	Conference paper	7th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2023 - Proceedings	10.1109/ICECA58529.2023.10395228	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus

S. No.	Name	Title	Month	Document Type	Source title	DoI / ISSN / ISBN	Volume (Issue)	Publisher	Scopus /WoS /Others
118	Dr. Uganya G	Evaluating the Predictive Accuracy and Precision of AlexNet and Linear Regression for Women's Education Post-Independence	Jan-2023	Conference paper	2nd International Conference on Automation, Computing and Renewable Systems, ICACRS 2023 - Proceedings	10.1109/ICACRS58579.2023.10405081	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
119	Dr. Gnanaprakas V	Channel Estimation using Approximate Message Passing based Hybrid-Field for Massive MIMO systems	Jan-2023	Conference paper	Proceedings - 1st International Conference on Intelligent Technologies for Sustainable Electric and Communications Systems, iTech SECOM 2023	10.1109/iTechSECOM59882.2023.10435267	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
120	Dr. Yazhinian	ML Algorithm-Based Healthcare Predictor	Jan-2023	Conference paper	2023 International Conference on System, Computation, Automation and Networking, ICSCAN 2023	10.1109/ICSCAN58655.2023.10395775	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus

S. No.	Name	Title	Month	Document Type	Source title	DoI / ISSN / ISBN	Volume (Issue)	Publisher	Scopus /WoS /Others
121	Dr. Vijayalakshmi S	The Design and Development of an Internet of Things-Based Condition Monitoring System for Industrial Rotating Machines †	Jan-2023	Article	Engineering Proceedings	10.3390/ecsa-10-16240	58 (1)	Multidisciplinary Digital Publishing Institute (MDPI)	Scopus
122	Dr. Sathesh M	An Investigation of a Novel Triangle-Shaped Sierpinski Microstrip Patch Antenna for Implantable Biomedical Applications	Jan-2023	Conference paper	7th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2023 - Proceedings	10.1109/ICECA58529.2023.10395469	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
123	Dr. Rajkumar R	Enhancing Biomedical Image Interpretation Through a Hybrid Machine Learning Algorithm	Jan-2023	Conference paper	7th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2023 - Proceedings	10.1109/ICECA58529.2023.10395806	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus

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124	Dr. Yazhinian	Efficient Supply Chain Management System Using ARM CORTEX-M3	Jan-2023	Conference paper	2023 International Conference on System, Computation, Automation and Networking, ICSCAN 2023	10.1109/ICSCAN58655.2023.10395726	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
125	Dr. Arun MR	3D Image Reconstruction and Processing for Augmented and Virtual Reality Applications: A Computer Generated Environment	Jan-2023	Conference paper	2023 International Conference on Communication, Security and Artificial Intelligence, ICCSAI 2023	10.1109/ICCSAI59793.2023.10421067	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
126	Mr. Manimaraboopathy M	Assessment and Evaluation of Deep Brain Stimulation Surgery Utilizing Convolutional Neural Networks in the Context of Adversarial Attack Strategies	Jan-2023	Conference paper	1st International Conference on Emerging Research in Computational Science, ICERCS 2023 - Proceedings	10.1109/ICERCS57948.2023.10434052	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
127	Dr. Josephine Pon Gloria J	Unlocking 5G Potential: Exploring a Single-Layer MIMO Antenna for	Jan-2023	Conference paper	International Conference on Integrated Intelligence and Communication	10.1109/ICIICS59993.2023.10421519	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus

S. No.	Name	Title	Month	Document Type	Source title	DoI / ISSN / ISBN	Volume (Issue)	Publisher	Scopus /WoS /Others
		Enhanced Applications			Systems, ICIICS 2023				
128	Dr. Vijayalakshmi S	Design and Development of Internet of Things-Based Smart Sensors for Monitoring Agricultural Lands †	Jan-2023	Article	Engineering Proceedings	10.3390/ecsa-10-16207	58 (1)	Multidisciplinary Digital Publishing Institute (MDPI)	Scopus
129	Dr. Sankar M	MXDD Scheduling Algorithm for MIBC Switches	Jan-2023	Conference paper	2023 International Conference on System, Computation, Automation and Networking, ICSCAN 2023	10.1109/ICSCAN58655.2023.10395457	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
130	Dr. Jency Rubia J	Modeling of Artificial Intelligence Based Arrhythmia Detection and Classification Using Electrocardiography Signals on IoT Environment	Jan-2023	Conference paper	7th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2023 - Proceedings	10.1109/ICECA58529.2023.10395321	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus

S. No.	Name	Title	Month	Document Type	Source title	DoI / ISSN / ISBN	Volume (Issue)	Publisher	Scopus /WoS /Others
131	Dr. David Neels Ponkumar D	An Efficient Noise Reduction Technique and Classification of Osteosarcoma by the Machine Learning Approach	Jan-2023	Conference paper	International Conference on Recent Advances in Science and Engineering Technology, ICRASET 2023	10.1109/ICRASET59632.2023.10420031	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
132	Dr. Beulah Jackson	Enhancing WiFi Range and Throughput with Beam Steering Antennas	Jan-2023	Conference paper	7th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2023 - Proceedings	10.1109/ICECA58529.2023.10395870	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
133	Dr. Vijayalakshmi S	Design and Implementation of an IoT Based Smart Digestive Health Monitoring Device for Identification of Digestive Conditions †	Jan-2023	Article	Engineering Proceedings	10.3390/ecsa-10-16253	58 (1)	Multidisciplinary Digital Publishing Institute (MDPI)	Scopus
134	Dr. Yazhinian	Neural Network-Based Handwritten Character Detection	Jan-2023	Conference paper	2023 International Conference on System, Computation,	10.1109/ICSCAN58655.2023.10395072	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus

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					Automation and Networking, ICSCAN 2023				
135	Dr. Sathesh M	Performance Analysis of Novel Saw-Tooth Shaped Fractal Boundary Square Micro Strip Patch Antenna	Jan-2023	Conference paper	7th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2023 - Proceedings	10.1109/ICECA 58529.2023.10 394835	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
136	Dr. Thenappan S	Machine Learning Approaches for Sentiment Analysis in Social Media Data	Jan-2023	Conference paper	7th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2023 - Proceedings	10.1109/ICECA 58529.2023.10 395612	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
137	Dr. Saravanan S	Surplus Data Prediction and Classification of Textual-Data Using Machine and Deep Learning	Jan-2023	Conference paper	2023 International Conference on Communication, Security and Artificial	10.1109/ICCSAI 59793.2023.10 421287	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus

S. No.	Name	Title	Month	Document Type	Source title	DoI / ISSN / ISBN	Volume (Issue)	Publisher	Scopus /WoS /Others
		Comparative Analysis			Intelligence, ICCSAI 2023				
138	Dr. Sathyasri B	Area and Power Efficient Transposition Buffer design for 2D-DCT Architecture in Video Applications	Jan-2023	Conference paper	IEEE 9th International Conference on Smart Structures and Systems, ICSSS 2023	10.1109/ICSSS 58085.2023.10 407100	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
139	Dr. Arun MR	Efficient Model Training in Decentralized Systems with Federated Learning	Jan-2023	Conference paper	2023 International Conference on Communication, Security and Artificial Intelligence, ICCSAI 2023	10.1109/ICCSAI 59793.2023.10 421469	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
140	Dr. Muthukumaran D	Early Detection of Lung Cancer Using Deep Learning-Based Analysis of CT Scans	Jan-2023	Conference paper	IEEE 9th International Conference on Smart Structures and Systems, ICSSS 2023	10.1109/ICSSS 58085.2023.10 407997	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus

S. No.	Name	Title	Month	Document Type	Source title	DoI / ISSN / ISBN	Volume (Issue)	Publisher	Scopus /WoS /Others
141	Dr. Senkumar M R	Effective MIMO-based Relay Selection for Quality of Service Management in Underwater Cooperative Wireless Sensor Networks	Jan-2023	Conference paper	IEEE 9th International Conference on Smart Structures and Systems, ICSSS 2023	10.1109/ICSSS 58085.2023.10 407089	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
142	Mr. Dileepan D	Design of CPW Fed Quad Port MIMO Antenna for Sub-6 GHz 5G Application	Jan-2023	Conference paper	3rd IEEE International Conference on Mobile Networks and Wireless Communications, ICMNWC 2023	10.1109/ICMN WC60182.2023. 10435978	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
143	Dr. Shiyamala S	Role of Dynamic Communication for IoT Devices	Jan-2023	Conference paper	2nd International Conference on Automation, Computing and Renewable Systems, ICACRS 2023 - Proceedings	10.1109/ICACR S58579.2023.1 0404457	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus

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144	Dr. Kanmani Ruby E D	A Review On Wearable Device Technology For Healthcare Industry Applications	Jan-2023	Conference paper	2023 2nd International Conference on Ambient Intelligence in Health Care, ICAIHC 2023	10.1109/ICAIHC59020.2023.10430481	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
145	Dr. Sathesh M	Gain Improved Novel Coplanar Waveguide-Fed Sierpinski Carpet Fractal Microstrip Patch Antenna for the Acquisition of Bio-signals	Jan-2023	Conference paper	2nd International Conference on Automation, Computing and Renewable Systems, ICACRS 2023 - Proceedings	10.1109/ICACRS58579.2023.10405160	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
146	Dr. Sathesh Raaj R	A Novel Methodology for Brain Tumor Detection in MRI Images Using Support Vector Machine	Jan-2023	Conference paper	7th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2023 - Proceedings	10.1109/ICECA58529.2023.10395126	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
147	Dr. Muthukumaran D	Leveraging the Internet of Things (IoT) for Disaster Management: Enhancing	Jan-2023	Conference paper	IEEE 9th International Conference on Smart Structures and	10.1109/ICSSS58085.2023.10407362	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus

S. No.	Name	Title	Month	Document Type	Source title	DoI / ISSN / ISBN	Volume (Issue)	Publisher	Scopus /WoS /Others
		Resilience, Early Warning System in a Globally Connected World			Systems, ICSSS 2023				
148	Ms. Ambika Bhuvaneswari C	Machine Learning based Early Detection and Monitoring of Parkinson Disease	Jan-2023	Conference paper	IEEE 9th International Conference on Smart Structures and Systems, ICSSS 2023	10.1109/ICSSS 58085.2023.10 407407	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
149	Dr. Sankar M	Security Enhancement for the 5G Network Concerns	Jan-2023	Conference paper	2023 International Conference on System, Computation, Automation and Networking, ICSCAN 2023	10.1109/ICSCA N58655.2023.1 0395290	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
150	Dr. Sankar M	Analysis of cloud services using OWASP security design	Jan-2023	Conference paper	2023 IEEE International Conference on Research Methodologies in Knowledge Management, Artificial Intelligence and Telecommunicat	10.1109/RMKM ATE59243.2023 .10369976	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus

S. No.	Name	Title	Month	Document Type	Source title	DoI / ISSN / ISBN	Volume (Issue)	Publisher	Scopus /WoS /Others
					ion Engineering, RMKMATE 2023				
151	Dr. Helina Rajini Suresh	Pulse Non-Orthogonal Multiple Access (PNOMA) Technique for Future Generation Wireless Networks	Jan-2023	Conference paper	2023 IEEE International Conference on Research Methodologies in Knowledge Management, Artificial Intelligence and Telecommunication Engineering, RMKMATE 2023	10.1109/RMKM ATE59243.2023 .10369887	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
152	Dr. Anto Bennet M	Early Detection of Alzheimer's Disease: An Extensive Review of Advancements in Machine Learning Mechanisms Using an Ensemble and Deep Learning Technique	Jan-2023	Article	Engineering Proceedings	10.3390/engpro c2023059010	59 (1)	Multidiscipl inary Digital Publishing Institute (MDPI)	Scopus

S. No.	Name	Title	Month	Document Type	Source title	DoI / ISSN / ISBN	Volume (Issue)	Publisher	Scopus /WoS /Others
153	Dr. Josephine Pon Gloria J	Development of Primary School Mathematics Education Technology Resources based on Fuzzy Clustering Algorithm	Jan-2023	Conference paper	2023 2nd International Conference on Smart Technologies for Smart Nation, SmartTechCon 2023	10.1109/Smart TechCon57526. 2023.10391454	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
154	Dr. Balaji L	Real-time Face Recognition Using an Enhanced VGGNET Convolutional Neural Network	Jan-2023	Conference paper	2023 4th IEEE Global Conference for Advancement in Technology, GCAT 2023	10.1109/GCAT5 9970.2023.103 53479	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
155	Dr. Sahaya Sheela M	Research on Piano Music Recommendation Algorithm Based on Time-Frequency Information	Jan-2023	Conference paper	2023 2nd International Conference on Smart Technologies for Smart Nation, SmartTechCon 2023	10.1109/Smart TechCon57526. 2023.10391791	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
156	Dr. Sathyasri B	Performance Analysis of FIR Filters using High Speed VLSI Adders for FECG monitoring	Jan-2023	Conference paper	IEEE 9th International Conference on Smart Structures and Systems, ICSSS 2023	10.1109/ICSSS 58085.2023.10 407053	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus

S. No.	Name	Title	Month	Document Type	Source title	DoI / ISSN / ISBN	Volume (Issue)	Publisher	Scopus /WoS /Others
157	Mr. Aswath S	An Enhanced Analysis of Blood Cancer Prediction Using ANN Sensor-Based Model	Jan-2023	Article	Engineering Proceedings	10.3390/engproc2023059065	59 (1)	Multidisciplinary Digital Publishing Institute (MDPI)	Scopus
158	Dr. Oudaya Coumar S	Classification of Arrhythmia using Electrocardiogram based Image Features with Deep Learning	Jan-2023	Conference paper	2023 1st International Conference on Advances in Electrical, Electronics and Computational Intelligence, ICAEECI 2023	10.1109/ICAEECI58247.2023.10370874	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
159	Dr. Sahaya Sheela M	Nonlinear Effect Model of Fiscal Expenditure on Economic Growth Based on Constrained Clustering Algorithm	Jan-2023	Conference paper	2023 2nd International Conference on Smart Technologies for Smart Nation, SmartTechCon 2023	10.1109/SmartTechCon57526.2023.10391758	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
160	Mr. Sambath Kumar K	Copyright Protection Algorithm of Digital and Artistic Products based on Fuzzy Clustering	Jan-2023	Conference paper	2023 2nd International Conference on Smart Technologies for Smart Nation, SmartTechCon 2023	10.1109/SmartTechCon57526.2023.10391831	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus

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161	Mr. Aanandha Saravanan K	Research on Quality Control of Core Process of Hydraulic Engineering Materials Based on Improved Particle Swarm Optimization	Jan-2023	Conference paper	2023 2nd International Conference on Smart Technologies for Smart Nation, SmartTechCon 2023	10.1109/Smart TechCon57526. 2023.10391625	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
162	Dr. Senkumar M R	Mechanical Properties Test of Graphene Concrete Based on Fuzzy Control Algorithm	Jan-2023	Conference paper	2023 2nd International Conference on Smart Technologies for Smart Nation, SmartTechCon 2023	10.1109/Smart TechCon57526. 2023.10391828	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
163	Dr. Jana S	A Dynamic Anomaly Detection Approach for Fault Detection on Fire Alarm System Based on Fuzzy-PSO-CNN Approach	Jan-2023	Conference paper	International Conference on Sustainable Communication Networks and Application, ICSCNA 2023 - Proceedings	10.1109/ICSCN A58489.2023.1 0368601	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
164	Dr. Muthukumaran D	IoT based Detection and Monitoring for Coronary Artery Disease	Jan-2023	Conference paper	IEEE 9th International Conference on Smart Structures and	10.1109/ICSSS 58085.2023.10 407838	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus

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					Systems, ICSSS 2023				
165	Mr. Sambath Kumar K	Optimization Model of Housing Construction Project Scheduling Based on Optimized Ant Colony Algorithm	Jan-2023	Conference paper	2023 2nd International Conference on Smart Technologies for Smart Nation, SmartTechCon 2023	10.1109/Smart TechCon57526. 2023.10391653	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
166	Dr. Sathesh M	Gain Enhancement of Novel Microstrip Patch Antenna using Meandered Rectangular shape for Bio-Medical Applications	Jan-2023	Conference paper	2023 1st International Conference on Advances in Electrical, Electronics and Computational Intelligence, ICAEECI 2023	10.1109/ICAEE CI58247.2023.1 0370822	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
167	Dr. Uganya G	Analysis of Text Emotional Tendency and Prediction of Internet Public Opinion Trend Based on Support Vector Machine Algorithm	Jan-2023	Conference paper	2023 2nd International Conference on Smart Technologies for Smart Nation, SmartTechCon 2023	10.1109/Smart TechCon57526. 2023.10391708	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus

S. No.	Name	Title	Month	Document Type	Source title	DoI / ISSN / ISBN	Volume (Issue)	Publisher	Scopus /WoS /Others
168	Dr. Balaji L	A Low Delay Scalable HEVC Encoder with Multi-chip Configuration for HFR Video	Jan-2023	Article	Journal of Engineering Science and Technology Review	10.25103/jestr.166.18	16 (6)	International Hellenic University School of Science and Technology	Scopus
169	Dr. Sahaya Sheela M	Construction of Evaluation Model of Regional Economic Development Level Based on Fuzzy Clustering Algorithm	Jan-2023	Conference paper	2023 2nd International Conference on Smart Technologies for Smart Nation, SmartTechCon 2023	10.1109/SmartTechCon57526.2023.10391095	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
170	Dr. Sahaya Sheela M	Research on Graphic Design Image Processing Technology Based on Newton's method in Photoshop	Jan-2023	Conference paper	2023 2nd International Conference on Smart Technologies for Smart Nation, SmartTechCon 2023	10.1109/SmartTechCon57526.2023.10391390	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
171	Dr. Sathyasri B	Tunnel based Fund Transfer over the Internet using AES Algorithm	Jan-2023	Conference paper	IEEE 9th International Conference on Smart Structures and	10.1109/ICSSS58085.2023.10407817	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus

S. No.	Name	Title	Month	Document Type	Source title	DoI / ISSN / ISBN	Volume (Issue)	Publisher	Scopus /WoS /Others
					Systems, ICSSS 2023				
172	Dr. Yazhinian	Storage Network Attached Using Raspberry PI	Jan-2023	Conference paper	2023 International Conference on System, Computation, Automation and Networking, ICSCAN 2023	10.1109/ICSCAN58655.2023.10395651	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
173	Dr. Sathyasri B	Integrating Advanced Machine Learning Techniques for Multi-Class Skin Disease Diagnosis	Jan-2023	Conference paper	2023 IEEE International Conference on Research Methodologies in Knowledge Management, Artificial Intelligence and Telecommunication Engineering, RMKMATE 2023	10.1109/RMKMATE59243.2023.10368995	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
174	Dr. Purushothaman K E	The WhatsApp Based Cost-Effective Automation at Homes through Internet of Things	Jan-2023	Conference paper	IEEE 9th International Conference on Smart Structures and	10.1109/ICSSS58085.2023.10407735	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus

S. No.	Name	Title	Month	Document Type	Source title	DoI / ISSN / ISBN	Volume (Issue)	Publisher	Scopus /WoS /Others
					Systems, ICSSS 2023				
175	Dr. Arun MR	Research on Optimization Algorithm of Real Estate Enterprise Value Evaluation Based on BP Neural Network	Jan-2023	Conference paper	2023 2nd International Conference on Smart Technologies for Smart Nation, SmartTechCon 2023	10.1109/Smart TechCon57526. 2023.10391563	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
176	Mr. Manimaraboopat hy M	Internet of Things Assisted Automated Ransomware Recognition using Harmony Search Algorithm with Deep Learning	Jan-2023	Conference paper	International Conference on Sustainable Communication Networks and Application, ICSCNA 2023 - Proceedings	10.1109/ICSCN A58489.2023.1 0370175	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
177	Dr. Sahaya Sheela M	Research on Forecast Algorithm of Financial Time Series Analysis Based on Markov Model	Jan-2023	Conference paper	2023 2nd International Conference on Smart Technologies for Smart Nation, SmartTechCon 2023	10.1109/Smart TechCon57526. 2023.10391594	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus

S. No.	Name	Title	Month	Document Type	Source title	DoI / ISSN / ISBN	Volume (Issue)	Publisher	Scopus /WoS /Others
178	Mr. Venkataramanaiah B	Improved Piano Music Recognition Algorithm Based on Artificial Intelligence	Jan-2023	Conference paper	2023 2nd International Conference on Smart Technologies for Smart Nation, SmartTechCon 2023	10.1109/Smart TechCon57526. 2023.10391595	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
179	Dr. Arun MR	Logistics and Distribution Path Optimization Model Based on Hybrid Intelligent Algorithm	Jan-2023	Conference paper	2023 2nd International Conference on Smart Technologies for Smart Nation, SmartTechCon 2023	10.1109/Smart TechCon57526. 2023.10391787	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
180	Ms. Ambika Bhuvaneswari C	Forest Wild Fire Detection using Deep Learning Approach	Jan-2023	Conference paper	IEEE 9th International Conference on Smart Structures and Systems, ICSSS 2023	10.1109/ICSSS 58085.2023.10 407055	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
181	Mr. Aanandha Saravanan K	Artificial Intelligence Scoring Algorithm for English Translation Based on DNN	Jan-2023	Conference paper	2023 2nd International Conference on Smart Technologies for Smart Nation,	10.1109/Smart TechCon57526. 2023.10391415	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus

S. No.	Name	Title	Month	Document Type	Source title	DoI / ISSN / ISBN	Volume (Issue)	Publisher	Scopus /WoS /Others
					SmartTechCon 2023				
182	Dr. Sahaya Sheela M	Study on Multi-Tone Piano Transcription Algorithm Based on BPNN	Jan-2023	Conference paper	2023 2nd International Conference on Smart Technologies for Smart Nation, SmartTechCon 2023	10.1109/Smart TechCon57526. 2023.10391613	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
183	Dr. Selwin Mich Priyadharson A	Lab VIEW and Deep Learning Based Combustion Flame Monitoring and Fuel Flow Measurement in a Thermal Power Station	Jan-2023	Conference paper	IECON Proceedings (Industrial Electronics Conference)	10.1109/IECON 51785.2023.10 312687	NA	IEEE Computer Society	Scopus
184	Dr. Suresh P	Theoretical Design of Highly Sensitive Ag-Ni-Thiol-based Hybrid SPR Biosensor for Viral Detection	Jan-2023	Article	Journal of Environmental Nanotechnology	10.13074/jent.2 023.09.233472	12 (3)	Institute for Environme ntal Nanotechn ology	Scopus
185	Dr. Debashish Pal	Implementation of CSMA/CD and Link State Routing	Jan-2023	Conference paper	2023 1st International Conference on Circuits, Power,	10.1109/CCPIS 59145.2023.10 292084	NA	Institute of Electrical and Electronics	Scopus

S. No.	Name	Title	Month	Document Type	Source title	DoI / ISSN / ISBN	Volume (Issue)	Publisher	Scopus /WoS /Others
		Protocols for Dijkstra Algorithm			and Intelligent Systems, CCPIS 2023			Engineers Inc.	
186	Mr. Mohan Sai Kumar CH	D2D Network: Implementation of Blockchain Based Equitable Cognitive Resource Sharing System	Jan-2023	Conference paper	2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023	10.1109/ICACITE57410.2023.10182834	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
187	Dr. Kanimozhi T	Novel hybrid classifier synergizing 3D_2D CNN with Support Vector Machine to enhance Hyperspectral image classification	Jan-2023	Conference paper	2023 14th International Conference on Computing Communication and Networking Technologies, ICCCNT 2023	10.1109/ICCCNT56998.2023.10308273	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
188	Dr. Debashish Pal	Design Of An Efficient Routing Protocol Based On Optimal Clustering Method	Jan-2023	Conference paper	7th IEEE International Conference on Computational Systems and Information Technology for Sustainable	10.1109/CSITSS60515.2023.10334085	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus

S. No.	Name	Title	Month	Document Type	Source title	DoI / ISSN / ISBN	Volume (Issue)	Publisher	Scopus /WoS /Others
					Solutions, CSITSS 2023 - Proceedings				
189	Dr. Bakiya A	Hybrid Classical Quantum Neural Network based classification of Photonic Band Gap crystal structure defects	Jan-2023	Conference paper	2023 14th International Conference on Computing Communication and Networking Technologies, ICCCNT 2023	10.1109/ICCCNT56998.2023.10307283	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
190	Dr. Sankar M	An Investigation Using Structural Equation Modelling on Customer Adoption of Internet of Things Assistance	Jan-2023	Conference paper	2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023	10.1109/ICACITE57410.2023.10183168	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus

S. No.	Name	Title	Month	Document Type	Source title	DoI / ISSN / ISBN	Volume (Issue)	Publisher	Scopus /WoS /Others
191	Dr. Sankar M	A sizeable empirical investigation of bug attributes in Blockchain structures	Jan-2023	Conference paper	2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023	10.1109/ICACITE57410.2023.10183339	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
192	Dr. David Neels Ponkumar D	Hybrid U-Net and ADAM Algorithm for 3DCT Liver Segmentation	Jan-2023	Conference paper	7th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2023 - Proceedings	10.1109/I-SMAC58438.2023.10290600	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
193	Dr. Bikash Ranjan Behera	Proximity Coupled Wideband Rectangular Microstrip Antenna for RF Energy Harvesting	Jan-2023	Conference paper	2023 1st International Conference on Circuits, Power, and Intelligent Systems, CCPIS 2023	10.1109/CCPIS59145.2023.10292012	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
194	Dr. Saravanan S	A Novel K Means Biclustering Fusion Based Collaborative Recommender System	Jan-2023	Conference paper	Advances in Science and Technology	10.4028/p-510vfd	NA	Trans Tech Publications Ltd	Scopus

S. No.	Name	Title	Month	Document Type	Source title	DoI / ISSN / ISBN	Volume (Issue)	Publisher	Scopus /WoS /Others
195	Dr. Rahul S G	Achieving Covertness in the Wireless Mode-based Communication in the IoT Connection with use of THZ Band and AWGN Channel	Jan-2023	Conference paper	2023 2nd International Conference on Trends in Electrical, Electronics and Computer Engineering, TEECCON 2023	10.1109/TEECC ON59234.2023. 10335770	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
196	Mr. Aanandha Saravanan K	Utilizing Multimodal Medical Data and a Hybrid Optimization Model to Improve Diabetes Prediction	Jan-2023	Article	International Journal of Advanced Computer Science and Applications	10.14569/IJACS A.2023.014117 6	14 (11)	Science and Informatio n Organizati on	WoS
197	Dr. Thenappan S	Support Vector Machine-Based Bioinformatics in Agriculture Genomic Insights for Crop Improvement	Jan-2023	Conference paper	International Conference on Self Sustainable Artificial Intelligence Systems, ICSSAS 2023 - Proceedings	10.1109/ICSSA S57918.2023.1 0331877	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
198	Dr. Herald Anantha Rufus N	U-Net-Based Denoising Autoencoder Network for De-Speckling in Fetal Ultrasound Images	Jan-2023	Conference paper	Lecture Notes in Networks and Systems	10.1007/978-981-99-7093-3_22	NA	Springer Science and Business Media Deutschlan d GmbH	Scopus

S. No.	Name	Title	Month	Document Type	Source title	DoI / ISSN / ISBN	Volume (Issue)	Publisher	Scopus /WoS /Others
199	Dr. Selwin Mich Priyadharson A	Online Fuel Measurement and Optimized Combustion Process Control in a Thermal Power Station Boiler	Jan-2023	Conference paper	IECON Proceedings (Industrial Electronics Conference)	10.1109/IECON 51785.2023.10 311951	NA	IEEE Computer Society	Scopus
200	Dr. Nirmal Jothi J	SENT2BAYES: A Hybrid Machine Learning Model Combining Word2vec and Multi-Nomial Naive Bayes Classifier for Movie Review Sentiment Analysis in Twitter	Jan-2023	Conference paper	International Conference on Self Sustainable Artificial Intelligence Systems, ICSSAS 2023 - Proceedings	10.1109/ICSSA S57918.2023.1 0331908	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
201	Mr. Aanandha Saravanan K	Unleashing the Potential of Artificial Bee Colony Optimized RNN-Bi-LSTM for Autism Spectrum Disorder Diagnosis	Jan-2023	Article	International Journal of Advanced Computer Science and Applications	10.14569/IJACS A.2023.014117 3	14 (11)	Science and Information Organization	WoS
202	Dr. Bikash Ranjan Behera	Polarization Converting Metasurface Inspired Circularly-polarized Antenna for OFF Body Communications	Jan-2023	Conference paper	2023 1st International Conference on Circuits, Power, and Intelligent Systems, CCPIS 2023	10.1109/CCPIS 59145.2023.10 291564	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus

S. No.	Name	Title	Month	Document Type	Source title	DoI / ISSN / ISBN	Volume (Issue)	Publisher	Scopus /WoS /Others
203	Dr. Bharathi C R	Design and Analysis of Printed Planar Flat-Plate Dual-Band Wlan Antenna	Jan-2023	Conference paper	2023 14th International Conference on Computing Communication and Networking Technologies, ICCCNT 2023	10.1109/ICCCNT56998.2023.10307869	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
204	Dr. Rajendiran P	OPTIMIZED GREEN COMPUTING ON SERVICE-ORIENTED INFRASTRUCTURE PLATFORM DEPLOYMENT MODEL	Jan-2023	Article	Journal of Engineering Science and Technology	1823-4690	3	Taylor's University	Scopus
205	Dr. Kanmani Pappa C	Design and Analysis of Charge Pumping Circuit for Low Power Charge Pump Based Phase Locked Loop Organization	Jan-2023	Conference paper	Proceedings of the 4th International Conference on Smart Electronics and Communication, ICOSEC 2023	10.1109/ICOSEC58147.2023.10275837	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
206	Dr. David Neels Ponkumar D	Peer to Peer Information Inter-Change and Network Coding to Improve Transmission Efficiency in Wireless Mesh Network	Jan-2023	Conference paper	Proceedings of the 2023 2nd International Conference on Augmented Intelligence and Sustainable	10.1109/ICAISS58487.2023.10250464	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus

S. No.	Name	Title	Month	Document Type	Source title	DoI / ISSN / ISBN	Volume (Issue)	Publisher	Scopus /WoS /Others
					Systems, ICAISS 2023				
207	Dr. Koushick V	FPGA Implementation of Textural Feature Extractor and Distance Based Classifier for Multi Modal Biometric Pattern Recognition System Using Multi Resolution Approach	Jan-2023	Conference paper	Proceedings - 2023 3rd International Conference on Pervasive Computing and Social Networking, ICPCSN 2023	10.1109/ICPCSN58827.2023.00275	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
208	Mr. Mohan Sai Kumar CH	A Review on Effective Open-Source Web-Based Tools to Teach Signals and Systems Course in Online Mode	Jan-2023	Conference paper	Proceedings of the 5th International Conference on Inventive Research in Computing Applications, ICIRCA 2023	10.1109/ICIRCA57980.2023.10220708	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
209	Dr. Beulah Jackson	High Gain Dual Wide-Band Annular Ring Two-Port Antenna for	Jan-2023	Conference paper	Proceedings of the 4th International Conference on Smart	10.1109/ICOSEC58147.2023.10275808	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus

S. No.	Name	Title	Month	Document Type	Source title	DoI / ISSN / ISBN	Volume (Issue)	Publisher	Scopus /WoS /Others
		Millimeter Wave Applications			Electronics and Communication, ICOSEC 2023				
210	Dr. Rajkumar R	Machine Learning Method for Recognizing Human Eye Pupil Region	Jan-2023	Conference paper	Proceedings of the 2023 2nd International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2023	10.1109/ICAISS58487.2023.10250730	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
211	Dr. Nanmaran R	Automated Digitally Modulated Signal Recognition and Classification using Machine Learning with Multimodal Information	Jan-2023	Conference paper	Proceedings of the 2023 2nd International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2023	10.1109/ICAISS58487.2023.10250687	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
212	Dr. Helina Rajini Suresh	Unsupervised Deep Learning Approaches for Anomaly Detection in IoT Data Streams	Jan-2023	Conference paper	Proceedings of the 4th International Conference on Smart Electronics and	10.1109/ICOSEC58147.2023.10276180	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus

S. No.	Name	Title	Month	Document Type	Source title	DoI / ISSN / ISBN	Volume (Issue)	Publisher	Scopus /WoS /Others
					Communication, ICOSEC 2023				
213	Dr. Sathyasri B	Smart Blind Assistant using Deep Learning for the Visually Impaired Users	Jan-2023	Conference paper	Proceedings of the 2023 2nd International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2023	10.1109/ICAISS58487.2023.10250718	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
214	Dr. Sankar M	Crop Recommendation Using Supervised Learning Techniques	Jan-2023	Conference paper	Proceedings of the 4th International Conference on Smart Electronics and Communication, ICOSEC 2023	10.1109/ICOSEC58147.2023.10276199	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
215	Dr. Rosi A	Transmission Binary Mapping Algorithm with Deep Learning for Underwater Scene Restoration	Jan-2023	Conference paper	Proceedings of the International Conference on Circuit Power and Computing Technologies, ICCPCT 2023	10.1109/ICCPCT58313.2023.10245055	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus

S. No.	Name	Title	Month	Document Type	Source title	DoI / ISSN / ISBN	Volume (Issue)	Publisher	Scopus /WoS /Others
216	Dr. Anto Bennet M	Deep Learning Based Object Detection in Surveillance Video	Jan-2023	Conference paper	Proceedings of the 4th International Conference on Smart Electronics and Communication, ICOSEC 2023	10.1109/ICOSEC58147.2023.10276262	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
217	Mr. Venkataramanai ah B	Nodes Performance Improvement UASN by using Biological Inspired Algorithm	Jan-2023	Conference paper	Proceedings - 2023 3rd International Conference on Pervasive Computing and Social Networking, ICPCSN 2023	10.1109/ICPCSN58827.2023.00285	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
218	Dr. Beulah Jackson	A Novel Framework for Efficient Handover Mechanism in D2D Communication Using Networking Principles	Jan-2023	Conference paper	Proceedings of the 4th International Conference on Smart Electronics and Communication, ICOSEC 2023	10.1109/ICOSEC58147.2023.10275961	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus

S. No.	Name	Title	Month	Document Type	Source title	DoI / ISSN / ISBN	Volume (Issue)	Publisher	Scopus /WoS /Others
219	Dr. Uganya G	Crime Scene Object Detection from Surveillance Video by using Tiny YOLO Algorithm	Jan-2023	Conference paper	Proceedings - 2023 3rd International Conference on Pervasive Computing and Social Networking, ICPCSN 2023	10.1109/ICPCSN58827.2023.00114	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
220	p	Enhanced Plagiarism Detection Through Advanced Natural Language Processing and E-BERT Framework of the Smith-Waterman Algorithm	Jan-2023	Article	International Journal of Advanced Computer Science and Applications	10.14569/IJACSA.2023.0140944	14 (9)	Science and Information Organization	Scopus
221	Dr. Valarmathi R S	An Adaptive Sleep Apnea Detection Model Using Multi Cascaded Atrous-Based Deep Learning Schemes With Hybrid Artificial Humming Bird Pity Beetle Algorithm	Jan-2023	Article	IEEE Access	10.1109/ACCESS.2023.3319452	11	Institute of Electrical and Electronics Engineers Inc.	WoS

S. No.	Name	Title	Month	Document Type	Source title	DoI / ISSN / ISBN	Volume (Issue)	Publisher	Scopus /WoS /Others
222	Dr. Neelamegam D	Implementation of Information Decoding and Interference Signals for Energy Harvesting	Jan-2023	Conference paper	Proceedings of the 4th International Conference on Smart Electronics and Communication, ICOSEC 2023	10.1109/ICOSEC58147.2023.10276105	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
223	Subha K J	Performance and Analysis of Optical Flow Techniques for Moving Object Segmentation & Detection in Infrared Tracking Method	Jan-2023	Conference paper	Proceedings of the 4th International Conference on Smart Electronics and Communication, ICOSEC 2023	10.1109/ICOSEC58147.2023.10276089	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
224	Dr. Raja C	LOW COMPLEXITY HEVC SCALABLE ENCODER BASED ON FSS ALGORITHM	Jan-2023	Article	Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika)	10.1615/TelecomRadEng.2023049486	82 (11)	Begell House Inc.	Scopus
225	Dr. Aloy Anuja Mary G	Oral Cancer Prediction Using a Probability Neural Network (PNN)	Jan-2023	Article	Asian Pacific Journal of Cancer Prevention	10.31557/APJCP.2023.24.9.2991	24 (9)	Asian Pacific Organization for Cancer Prevention	Scopus

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226	Dr. Rosi A	IOT Based Object Perception Algorithm for Urban Scrutiny System in Digital City	Jan-2023	Conference paper	Proceedings of the International Conference on Circuit Power and Computing Technologies, ICCPCT 2023	10.1109/ICCPCT58313.2023.10245459	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
227	Dr. Vaishnavi T	Atmega Controller-based Engine Immobilization and Detection of Alcohol in Light-Duty Vehicles	Jan-2023	Conference paper	Proceedings of the 2023 2nd International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2023	10.1109/ICAISS58487.2023.10250721	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
228	Dr. Anto Bennet M	Design and Optimization of Antenna for Short Range Applications in Ultra Wide Band	Jan-2023	Conference paper	Proceedings of the 4th International Conference on Smart Electronics and Communication, ICOSEC 2023	10.1109/ICOSEC58147.2023.10276055	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
229	Dr. Kanimozhi T	AN INNOVATIVE DANDELION OPTIMIZED NETWORK CONTROL (DONC) BASED	Jan-2023	Article	Journal of Engineering and Technology for Industrial Applications	10.5935/jetia.v9i43.908	9 (43)	Galileo Institute of Technology and Education of the	Scopus

S. No.	Name	Title	Month	Document Type	Source title	DoI / ISSN / ISBN	Volume (Issue)	Publisher	Scopus /WoS /Others
		EFFECTIVE ENERGY MANAGEMENT SYSTEM FOR ELECTRIC SHIPS						Amazon (ITEGAM)	
230	Dr. Josephine Pon Gloria J	Split and rotated microstrip patch antenna with improved performance	Jan-2023	Article	International Journal of Wireless and Mobile Computing	10.1504/IJWMC.2023.133055	25 (2)	Inderscience Publishers	Scopus
231	Dr. Anto Bennet M	Analysis of Deep Learning based Optimization Techniques for Oral Cancer Detection	Jan-2023	Conference paper	2023 4th International Conference on Electronics and Sustainable Communication Systems, ICESC 2023 - Proceedings	10.1109/ICESC57686.2023.10193479	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
232	Dr. Kanimozhi T	Effect of Nonuniform Current Injection on a Tapered-Waveguide Quantum Dot Semiconductor Optical Amplifier	Jan-2023	Conference paper	ViTECoN 2023 - 2nd IEEE International Conference on Vision Towards Emerging Trends in Communication and Networking Technologies, Proceedings	10.1109/ViTECoN58111.2023.10157124	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus

S. No.	Name	Title	Month	Document Type	Source title	DoI / ISSN / ISBN	Volume (Issue)	Publisher	Scopus /WoS /Others
233	Dr. Kavitha T	Data Encoding Techniques for Reducing Energy Consumption in Network-On-Chip	Jan-2023	Conference paper	ViTECoN 2023 - 2nd IEEE International Conference on Vision Towards Emerging Trends in Communication and Networking Technologies, Proceedings	10.1109/ViTECoN58111.2023.10157433	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
234	Dr. Nalini N	IMPACT OF OXIDATIVE STRESS ON CELLULAR COMMUNICATION AND ITS IMPLICATIONS FOR DISEASES	Jan-2023	Article	Oxidation Communications	0209 4541	2	Scibulcom Ltd.	Scopus
235	Dr. Kalpana Devi P	Automatic Trash Monitoring System	Jan-2023	Conference paper	Proceedings of the 8th International Conference on Communication and Electronics Systems, ICCES 2023	10.1109/ICCES57224.2023.10192871	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus

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S. No.	Name	Title	Month	Document Type	Source title	DoI / ISSN / ISBN	Volume (Issue)	Publisher	Scopus /WoS /Others
236	Dr. Nalini N	Network Intrusion Detection System for Feature Extraction Based on Machine Learning Techniques	Jan-2023	Conference paper	Proceedings of the 5th International Conference on Inventive Research in Computing Applications, ICIRCA 2023	10.1109/ICIRCA 57980.2023.10 220789	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
237	Dr. Sridevi S	A Brief Review on Wireless Capsule Endoscopy Image Compression	Jan-2023	Book chapter	Artificial Intelligence in Telemedicine: Artificial Intelligence in Telemedicine Processing of Biosignals and Medical Images	10.1201/97810 03307778-14	NA	CRC Press	Scopus
238	Dr. Arun MR	A Novel Masked Facial Recognition System Using CNN	Jan-2023	Conference paper	Proceedings of the 2nd International Conference on Edge Computing and Applications, ICECAA 2023	10.1109/ICECA A58104.2023.1 0212225	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus

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239	Dr. Arun MR	A Novel Machine Learning Technique for Diabetic Prediction in IoT-based Healthcare Monitoring System	Jan-2023	Conference paper	International Conference on Sustainable Computing and Smart Systems, ICSCSS 2023 - Proceedings	10.1109/ICSCSS57650.2023.10169449	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
240	Dr. Kavitha T	A Compact Four-Element Modified Annular Ring Antenna for 5G Applications	Jan-2023	Article	Progress In Electromagnetics Research C	10.2528/PIERC23062803	137	Electromagnetics Academy	Scopus
241	Mr. Aanandha Saravanan K	Integrating Transfer Learning and Deep Neural Networks for Accurate Medical Disease Diagnosis from Multi-Modal Data	Jan-2023	Article	International Journal of Advanced Computer Science and Applications	10.14569/IJACSA.2023.0140857	14 (8)	Science and Information Organization	WoS
242	Mr. Dileepan D	An FSS Based Dual-band Bandstop Filter for Minimizing Interference in C Band Satellite Downlink Communication	Jan-2023	Conference paper	2023 4th International Conference for Emerging Technology, INCET 2023	10.1109/INCET57972.2023.10170412	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
243	Dr. Shiyamala S	Channel Estimation Algorithm Based on Factor Graph for GFDM-UWA System	Jan-2023	Article	Journal of Engineering Science and	10.25103/jestr.163.08	16 (3)	International Hellenic University	Scopus

S. No.	Name	Title	Month	Document Type	Source title	DoI / ISSN / ISBN	Volume (Issue)	Publisher	Scopus /WoS /Others
					Technology Review			- School of Science	
244	Dr. Thenappan S	Identification of Malaria Disease Using Machine Learning Models	Jan-2023	Conference paper	2023 5th International Conference on Electrical, Computer and Communication Technologies, ICECCT 2023	10.1109/ICECCT56650.2023.10179665	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
245	Dr. Rahul S G	Solar Powered Wireless Power Transmission System for Electric Vehicles	Jan-2023	Conference paper	Proceedings of the 8th International Conference on Communication and Electronics Systems, ICCES 2023	10.1109/ICCES57224.2023.10192795	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
246	Subha K J	Improved ensemble deep learning based retinal disease detection using image processing	Jan-2023	Article	Journal of Intelligent and Fuzzy Systems	10.3233/JIFS-230912	45 (1)	IOS Press BV	WoS

S. No.	Name	Title	Month	Document Type	Source title	DoI / ISSN / ISBN	Volume (Issue)	Publisher	Scopus /WoS /Others
247	Dr. Britto Pari J	Comparative Study of Single MAC FIR Filter Architectures with Different Multiplication Techniques	Jan-2023	Conference paper	2023 2nd International Conference on Electrical, Electronics, Information and Communication Technologies, ICEEICT 2023	10.1109/ICEEICT56924.2023.10157620	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
248	Dr. Sahaya Sheela M	Detection of Bone Fracture using Prewitt Edge Algorithm and Comparing with Laplacian Algorithm to Increase Accuracy and Sensitivity.	Jan-2023	Conference paper	2023 4th International Conference on Electronics and Sustainable Communication Systems, ICESC 2023 - Proceedings	10.1109/ICESC57686.2023.10193548	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
249	Dr. Shiyamala S	SER Analysis using GFDM System with Maximal Ratio Transmission Technique under $\Omega - \mu$ Fading Channel	Jan-2023	Article	Journal of Engineering Science and Technology Review	10.25103/jestr.163.01	16 (3)	International Hellenic University - School of Science	Scopus
250	Dr. Shiyamala S	An Innovative AI Architecture for Detecting the Primary User in the Spectrum	Jan-2023	Conference paper	Communications in Computer and Information Science	10.1007/978-3-031-40564-8_16	NA	Springer Science and Business Media Deutschland GmbH	Scopus

S. No.	Name	Title	Month	Document Type	Source title	DoI / ISSN / ISBN	Volume (Issue)	Publisher	Scopus /WoS /Others
251	Dr. Kavitha T	Design of Microstrip Patch Antenna Integrated with Metal Rings, Stubs and Defective Ground for Wideband Applications	Jan-2023	Conference paper	International Conference on Sustainable Computing and Smart Systems, ICSCSS 2023 - Proceedings	10.1109/ICSCSS57650.2023.10169345	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
252	Dr. Velmurugan V	Multi-UAV computing enabling efficient clustering-based IoT for energy reduction and data transmission	Jan-2023	Article	Journal of Intelligent and Fuzzy Systems	10.3233/JIFS-231242	45 (1)	IOS Press BV	WoS
253	Dr. Yazhinian	Whale Optimization-Driven Generative Convolutional Neural Network Framework for Anaemia Detection from Blood Smear Images	Jan-2023	Article	International Journal of Advanced Computer Science and Applications	10.14569/IJACSA.2023.0140765	14 (7)	Science and Information Organization	Scopus
254	Dr. Anandan M	A NOVEL BRANCH LINE COUPLER WITH DEFECTED GROUND STRUCTURE FOR BONE DENSITY MEASUREMENT ANALYSIS	Jan-2023	Article	ARPN Journal of Engineering and Applied Sciences	10.59018/0623164	18 (11)	Asian Research Publishing Network	Scopus

S. No.	Name	Title	Month	Document Type	Source title	DoI / ISSN / ISBN	Volume (Issue)	Publisher	Scopus /WoS /Others
255	Dr. Jency Rubia J	Handwritten Character Recognition System using Deep Learning Models for Tamil Language	Jan-2023	Conference paper	International Conference on Sustainable Computing and Smart Systems, ICSCSS 2023 - Proceedings	10.1109/ICSCSS57650.2023.10169854	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
256	Dr. Sreelakshmy R	Design and Development of an AI based Intelligent Door for Home Security System	Jan-2023	Conference paper	Proceedings of the 2nd IEEE International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2023	10.1109/ACCAI58221.2023.10200307	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
257	Dr. Joel Devadass Daniel D J	Business Process Automation using Robotic Process Automation (RPA) and AI Algorithm's on Various Tasks	Jan-2023	Conference paper	Proceedings of the 8th International Conference on Communication and Electronics Systems, ICCES 2023	10.1109/ICCES57224.2023.10192653	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
258	Dr. Suresh P	Three-level DC-DC Buck Converter Architecture Using Digital Pulse Width Modulation	Jan-2023	Conference paper	2023 IEEE Symposium on Industrial Electronics and	10.1109/ISIEA58478.2023.10212263	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus

S. No.	Name	Title	Month	Document Type	Source title	DoI / ISSN / ISBN	Volume (Issue)	Publisher	Scopus /WoS /Others
					Applications, ISIEA 2023				
259	Mr. Rajesh Kumar D	Four Element CSRR Loaded Antenna for Dual Band Applications	Jan-2023	Conference paper	2023 5th International Conference on Electrical, Computer and Communication Technologies, ICECCT 2023	10.1109/ICECCT56650.2023.10179680	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
260	Dr. Uganya G	Comparative Analysis of Microstrip Patch Antenna with Different Slots and Substrate Materials	Jan-2023	Conference paper	2023 4th International Conference on Electronics and Sustainable Communication Systems, ICESC 2023 - Proceedings	10.1109/ICESC57686.2023.10193145	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
261	Dr. Mohanraj J	Design a high efficient optical composite D/T flip-flop	Jan-2023	Article	International Journal of System Assurance Engineering and Management	10.1007/s13198-023-02027-7	NA	Springer	WoS

S. No.	Name	Title	Month	Document Type	Source title	DoI / ISSN / ISBN	Volume (Issue)	Publisher	Scopus /WoS /Others
262	Dr. Balaji L	LOW-COMPLEXITY MPA FOR MULTI-USER DETECTION BASED ON MAXIMAL LOG AND MINIMAL THRESHOLD	Jan-2023	Article	Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika)	10.1615/TelecomRadEng.2023047665	82 (6)	Begell House Inc.	Scopus
263	Dr. Harikrishna Paik	A 16×16 Elements Phased Array Transmitter System for MIMO Wireless Communication Systems	Jan-2023	Conference paper	2023 4th International Conference for Emerging Technology, INCET 2023	10.1109/INCET57972.2023.10169973	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
264	Mr. Rajesh Kumar D	A Compact Co-Planar Antenna for 5G/WLAN/Vehicular Communication with Stop-Band Charecteristics	Jan-2023	Conference paper	2023 5th International Conference on Electrical, Computer and Communication Technologies, ICECCT 2023	10.1109/ICECCT56650.2023.10179627	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
265	Dr. Gnanaprakas V	Comparative Analysis of Machine Learning Algorithms for the Effective Detection of Lung Cancer	Jan-2023	Conference paper	Proceedings of the 2nd International Conference on Edge Computing and Applications, ICECAA 2023	10.1109/ICECAA58104.2023.10212260	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus

S. No.	Name	Title	Month	Document Type	Source title	DoI / ISSN / ISBN	Volume (Issue)	Publisher	Scopus /WoS /Others
266	Dr. Vijayalakshmi S	Design and Development of Internet of Things-Based Bio-signal Acquisition Device	Jan-2023	Conference paper	Lecture Notes in Networks and Systems	10.1007/978-981-99-1726-6_59	NA	Springer Science and Business Media Deutschland GmbH	Scopus
267	Dr. Harikrishna Paik	A Low-Profile Microstrip-Fed Monopole Antenna with Frequency Selective Surface for C band Satellite Applications	Jan-2023	Conference paper	2023 4th International Conference for Emerging Technology, INCET 2023	10.1109/INCET57972.2023.10170259	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
268	Dr. Sahaya Sheela M	Enhancement of Channel Capacity in 5G Ultra Dense Network-UDN	Jan-2023	Conference paper	Proceedings of the 2nd International Conference on Edge Computing and Applications, ICECAA 2023	10.1109/ICECAA58104.2023.10212363	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
269	Dr. Mazher Iqbal J L	Facial emotion recognition using geometrical features based deep learning techniques	Jan-2023	Article	International Journal of Computers, Communications and Control	10.15837/ijccc.2023.4.4644	18 (4)	Agora University	WoS
270	Mr. Sambath Kumar K	Brain Disorders Identification by Machine Learning Classifiers	Jan-2023	Conference paper	Journal of Physics: Conference Series	10.1088/1742-6596/2466/1/012036	2466 (1)	Institute of Physics	Scopus

S. No.	Name	Title	Month	Document Type	Source title	DoI / ISSN / ISBN	Volume (Issue)	Publisher	Scopus /WoS /Others
271	Dr. Beulah Jackson	Machine Learning-Based Timeseries Analysis for Cryptocurrency Price Prediction: A Systematic Review and Research	Jan-2023	Conference paper	Proceedings of the 1st IEEE International Conference on Networking and Communications 2023, ICNWC 2023	10.1109/ICNWC 57852.2023.10 127439	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
272	Dr. Sathesh Raaj R	Design of Circular Ring Shaped UWB Antenna for BANs and MI Applications	Jan-2023	Conference paper	2023 9th International Conference on Advanced Computing and Communication Systems, ICACCS 2023	10.1109/ICACC S57279.2023.1 0113090	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
273	Dr. Beulah Jackson	A Novel Interference Mitigation Technique and Signal Strength Prediction in future Wireless Communication	Jan-2023	Conference paper	2023 International Conference on Computer Communication and Informatics, ICCCI 2023	10.1109/ICCCI5 6745.2023.101 28387	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
274	Dr. Valarmathi R S	A Review on Quality Speech Recognition under Noisy Environment	Jan-2023	Conference paper	2023 9th International Conference on Advanced Computing and Communication	10.1109/ICACC S57279.2023.1 0112783	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus

S. No.	Name	Title	Month	Document Type	Source title	DoI / ISSN / ISBN	Volume (Issue)	Publisher	Scopus /WoS /Others
					Systems, ICACCS 2023				
275	Dr. Joel Devadass Daniel D J	Effective Facial Emotion Recognition Using Bi-wavelet Bi-directional Gated Recurrent Unit Neural Network	Jan-2023	Conference paper	2023 International Conference on Recent Advances in Electrical, Electronics, Ubiquitous Communication, and Computational Intelligence, RAEEUCCI 2023	10.1109/RAEEUCCI57140.2023.10134292	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
276	Dr. Britto Pari J	Assessing the Performance of Advanced Object Detection Techniques for Autonomous Cars	Jan-2023	Conference paper	Proceedings of the 1st IEEE International Conference on Networking and Communications 2023, ICNWC 2023	10.1109/ICNWC57852.2023.10127360	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus

S. No.	Name	Title	Month	Document Type	Source title	DoI / ISSN / ISBN	Volume (Issue)	Publisher	Scopus /WoS /Others
277	Dr. Jency Rubia J	High-Performance Computing Based on Residue Number System: A Review	Jan-2023	Conference paper	2023 9th International Conference on Advanced Computing and Communication Systems, ICACCS 2023	10.1109/ICACCS57279.2023.10112959	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
278	Ms. Diana Earshia V	Generation of Hilarious Animated Characters using GAN	Jan-2023	Conference paper	7th International Conference on Trends in Electronics and Informatics, ICOEI 2023 - Proceedings	10.1109/ICOEI56765.2023.10125904	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
279	Dr. Sanjoy Debnath	Artificial Intelligence-Aided Trajectory Planning for UAV	Jan-2023	Conference paper	Lecture Notes in Electrical Engineering	10.1007/978-981-99-1312-1_18	NA	Springer Science and Business Media Deutschland GmbH	Scopus
280	Dr. Anto Bennet M	ConvNet-Based Deep Brain Stimulation for Attack Patterns	Jan-2023	Book chapter	EAI/Springer Innovations in Communication and Computing	10.1007/978-3-031-23602-0_16	NA	Springer Science and Business Media Deutschland GmbH	Scopus
281	Dr. Bharathi C R	Efficient route discovery method in MANETs and packet	Jan-2023	Article	International Journal of Advanced	10.1504/IJAIP.2023.130818	25 (1-2)	Inderscience Publishers	Scopus

S. No.	Name	Title	Month	Document Type	Source title	DoI / ISSN / ISBN	Volume (Issue)	Publisher	Scopus /WoS /Others
		loss reduction mechanisms			Intelligence Paradigms				
282	Dr. Jana S	A Review Of Plant Disease Detection Methods Using Image Processing Approaches	Jan-2023	Conference paper	2023 9th International Conference on Advanced Computing and Communication Systems, ICACCS 2023	10.1109/ICACCS57279.2023.10112981	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
283	Dr. Saravanan M	Numerical Evaluation of 3D Printable Patch Antenna for Wearable Applications	Jan-2023	Conference paper	Lecture Notes in Electrical Engineering	10.1007/978-981-19-9748-8_3	NA	Springer Science and Business Media Deutschland GmbH	Scopus
284	Dr. Beulah Jackson	A Novel Architecture for Efficient Mobile Communication based on Scattered and Diverse Combination using Prioritize and Postoperative Soft Modulation	Jan-2023	Conference paper	Proceedings of the 7th International Conference on Intelligent Computing and Control Systems, ICICCS 2023	10.1109/ICICCS56967.2023.10142455	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
285	Dr. Anto Bennet M	Deep Convolutional Neural Networks-Based Market Strategy for Early-	Jan-2023	Conference paper	Lecture Notes in Networks and Systems	10.1007/978-981-19-7455-7_46	NA	Springer Science and Business Media	Scopus

S. No.	Name	Title	Month	Document Type	Source title	DoI / ISSN / ISBN	Volume (Issue)	Publisher	Scopus /WoS /Others
		Stage Product Development						Deutschland GmbH	
286	Dr. Arun MR	YOLO Based Deep Learning Model for Segmenting the Color Images	Jan-2023	Article	International Journal of Electrical and Electronics Research	10.37391/IJEER.110217	11 (2)	Forex Publication	Scopus
287	Dr. Valarmathi R S	Atrous Convolution-Based Residual Deep CNN for Image Dehazing with Spider Monkey–Particle Swarm Optimization	Jan-2023	Article	Intelligent Automation and Soft Computing	10.32604/iasc.2023.038113	37 (2)	Tech Science Press	Scopus
288	Dr. Kanimozhi T	Hybrid Quantum Classical Neural Network-Based Classification of Prenatal Ventricular Septal Defect from Ultrasound Images	Jan-2023	Book chapter	Lecture Notes on Data Engineering and Communications Technologies	10.1007/978-981-99-0609-3_32	163	Springer Science and Business Media Deutschland GmbH	Scopus
289	Dr. Sahaya Sheela M	Detection and Segmentation of Meningioma Brain Tumors in MRI brain Images using Curvelet Transform and ANFIS	Jan-2023	Article	International Journal of Electrical and Electronics Research	10.37391/IJEER.110222	11 (2)	Forex Publication	Scopus

S. No.	Name	Title	Month	Document Type	Source title	DoI / ISSN / ISBN	Volume (Issue)	Publisher	Scopus /WoS /Others
290	Dr. Saravanan S	Deep Learning-Based Classification of Indian Classical Music Based on Raga	Jan-2023	Conference paper	2023 6th International Conference on Information Systems and Computer Networks, ISCON 2023	10.1109/ISCON 57294.2023.10 111985	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
291	Dr. Purushothaman K E	Automatic Traffic Sign Board Detection from Camera Images Using Deep learning and Binarization Search Algorithm	Jan-2023	Conference paper	2023 International Conference on Recent Advances in Electrical, Electronics, Ubiquitous Communication, and Computational Intelligence, RAEEUCCI 2023	10.1109/RAEEU CCI57140.2023 .10134376	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
292	Dr. Rahul S G	Optimal drive train management of wind turbine using LiDAR-assisted predictive control strategy	Jan-2023	Article	Environment, Development and Sustainability	10.1007/s1066 8-023-03324-8	NA	Springer Science and Business Media B.V.	WoS

S. No.	Name	Title	Month	Document Type	Source title	DoI / ISSN / ISBN	Volume (Issue)	Publisher	Scopus /WoS /Others
293	Dr. Kanmani Pappa C	MEMS Sensor Based V2V Communication Using Li-Fi Technology	Jan-2023	Conference paper	2023 9th International Conference on Advanced Computing and Communication Systems, ICACCS 2023	10.1109/ICACCS57279.2023.10112879	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
294	Dr. Aloy Anuja Mary G	Analyzing the Applicability of ML Powered Microwave Sensor for UAV Based CH4 Sensing	Jan-2023	Article	International Journal of Electrical and Electronic Engineering and Telecommunications	10.18178/ijeetc.12.3.161-170	12 (3)	Engineering and Technology Publishing	Scopus
295	Dr. Kanmani Pappa C	Certain Investigation of Optimization Methods of Sensor Nodes in Biomedical Recording Systems	Jan-2023	Conference paper	2023 9th International Conference on Advanced Computing and Communication Systems, ICACCS 2023	10.1109/ICACCS57279.2023.10112688	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
296	Dr. Rajkumar R	Comparison of Cardiac Stroke Prediction and Classification Using Machine Learning Algorithms	Jan-2023	Book chapter	EAI/Springer Innovations in Communication and Computing	10.1007/978-3-031-27700-9_10	NA	Springer Science and Business Media Deutschland GmbH	Scopus

S. No.	Name	Title	Month	Document Type	Source title	DoI / ISSN / ISBN	Volume (Issue)	Publisher	Scopus /WoS /Others
297	Dr. Bakiya A	Identification of Nutrient Content of Psidium Guajava and Syzygium Cumini Leaves Using Hyperspectral Imaging	Jan-2023	Conference paper	2023 2nd International Conference on Smart Technologies and Systems for Next Generation Computing, ICSTSN 2023	10.1109/ICSTSN57873.2023.10151662	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
298	Dr. P Bhuvaneswari	Improving energy efficiency in next-generation IoT networks with beam adjustment technique	Jan-2023	Book chapter	Recent Advancement of IoT Devices in Pollution Control and Health Applications	10.1016/B978-0-323-95876-9.00004-5	NA	Elsevier	Scopus
299	Dr. Sridevi S	Iris tumor recognition based on hybrid classical and quantum neural network	Jan-2023	Conference paper	Proceedings of the 2023 International Conference on Intelligent Systems for Communication, IoT and Security, ICISCoIS 2023	10.1109/ICISCoIS56541.2023.10100451	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus

S. No.	Name	Title	Month	Document Type	Source title	DoI / ISSN / ISBN	Volume (Issue)	Publisher	Scopus /WoS /Others
300	Dr. Neelamegam D	A Review on Near Infrared Spectroscopic Technique for the Prognosis of Leukemia	Jan-2023	Conference paper	Proceedings of the 2023 International Conference on Intelligent Systems for Communication, IoT and Security, ICISCoIS 2023	10.1109/ICISCoIS56541.2023.10100374	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
301	Dr. Subitha D	Smart Social Distancing Robot for COVID Safety	Jan-2023	Conference paper	Lecture Notes in Mechanical Engineering	10.1007/978-981-19-7971-2_34	NA	Springer Science and Business Media Deutschland GmbH	Scopus
302	Mr. Imran Javeed S	A Dual Notch Band UWB Antenna for Local Area Cognitive Radio Network Applications	Jan-2023	Article	International Journal of Electrical and Electronics Research	10.37391/ijeer.110122	11 (1)	Forex Publication	Scopus
303	Dr. Britto Pari J	An Efficient FPGA-Based Adaptive Filter for ICA Implementation in Adaptive Noise Cancellation	Jan-2023	Article	SSRG International Journal of Electrical and Electronics Engineering	10.14445/23488379/IJEEE-V10I1P111	10 (1)	Seventh Sense Research Group	Scopus

S. No.	Name	Title	Month	Document Type	Source title	DoI / ISSN / ISBN	Volume (Issue)	Publisher	Scopus /WoS /Others
304	Dr. Anandan M	Analysis of EMI Mitigation Techniques in High Speed Printed Circuit Board	Jan-2023	Conference paper	2023 2nd International Conference for Innovation in Technology, INOCON 2023	10.1109/INOCON57975.2023.10101216	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
305	Dr. Velmurugan V	Cost-Effective Communication in UDN in Indoor and Outdoor Environment via Machine Learning	Jan-2023	Conference paper	Proceedings of the International Conference on Artificial Intelligence and Knowledge Discovery in Concurrent Engineering, ICECONF 2023	10.1109/ICECONF57129.2023.10084080	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
306	Dr. Mazher Iqbal J L	Multi Feature DCR based Drug Compound Selection and Recommendation System for Efficient Decision-Making using Genetic Algorithm	Jan-2023	Article	International Journal of Advanced Computer Science and Applications	10.14569/IJACSA.2023.0140262	14 (2)	Science and Information Organization	Scopus

S. No.	Name	Title	Month	Document Type	Source title	DoI / ISSN / ISBN	Volume (Issue)	Publisher	Scopus /WoS /Others
307	Dr. David Neels Ponkumar D	Sparse Long Short-Term Memory Approach for Energy-Efficient Adaptive Cluster Fuzzy-based Controller in Wireless Sensor Network	Jan-2023	Conference paper	Proceedings - 5th International Conference on Smart Systems and Inventive Technology, ICSSIT 2023	10.1109/ICSSIT55814.2023.10061129	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
308	Dr. Sasikala G	Design of Low Power Ni-chrome-Platinum Micro-Heater for MEMS-Based Gas Sensor in UAV Applications	Jan-2023	Article	SSRG International Journal of Electrical and Electronics Engineering	10.14445/23488379/IJEEE-V10I1P112	10 (1)	Seventh Sense Research Group	Scopus
309	Dr. Neelamegam D	Improving energy efficiency by HARQ mechanism over slow fading scenario for cooperative MIMO in IoT networks	Jan-2023	Book chapter	Recent Advancement of IoT Devices in Pollution Control and Health Applications	10.1016/B978-0-323-95876-9.00002-1	NA	Elsevier	Scopus
310	Dr. Anto Bennet M	Modeling of Upper Limb and Prediction of Various Yoga Postures using Artificial Neural Networks	Jan-2023	Conference paper	2nd International Conference on Sustainable Computing and Data Communication Systems,	10.1109/ICSCDS56580.2023.10104630	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus

S. No.	Name	Title	Month	Document Type	Source title	DoI / ISSN / ISBN	Volume (Issue)	Publisher	Scopus /WoS /Others
					ICSCDS 2023 - Proceedings				
311	Dr. Aloy Anuja Mary G	200 MHz to 850 MHz VHF/UHF Antenna for Local Area Cognitive Radio Networks Applications	Jan-2023	Article	International Journal of Electrical and Electronic Engineering and Telecommunications	10.18178/ijeetc.12.3.171-176	12 (3)	Warsaw University of Technology	Scopus
312	Dr. Anto Bennet M	Detection of QRS Complexes in ECG Signal	Jan-2023	Conference paper	2023 IEEE International Conference on Integrated Circuits and Communication Systems, ICICACS 2023	10.1109/ICICACS57338.2023.10100203	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
313	Dr. Hemakumar V S	Scope of waste plastic to reuse in India – A review	Jan-2023	Article	Materials Today: Proceedings	10.1016/j.matpr.2023.04.156	NA	Elsevier Ltd	Scopus

S. No.	Name	Title	Month	Document Type	Source title	DoI / ISSN / ISBN	Volume (Issue)	Publisher	Scopus /WoS /Others
314	Dr. Velmurugan V	The Effective Solar Panel Tracker to Obtain Maximum Energy Optimization by Using Innovative Machine Learning	Jan-2023	Conference paper	Proceedings of the International Conference on Artificial Intelligence and Knowledge Discovery in Concurrent Engineering, ICECONF 2023	10.1109/ICECONF57129.2023.10084249	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
315	Dr. Dasari Naga Vinod	Machine Learning Based Solar Photovoltaic Power Forecasting: A Review and Comparison	Jan-2023	Review	IEEE Access	10.1109/ACCESS.2023.3270041	11	Institute of Electrical and Electronics Engineers Inc.	WoS
316	Dr. Rahul S G	Smart structural health monitoring system using IoT and wireless technology	Jan-2023	Book chapter	Recent Advancement of IoT Devices in Pollution Control and Health Applications	10.1016/B978-0-323-95876-9.00008-2	NA	Elsevier	Scopus
317	Dr. David Neels Ponkumar D	Machine Learning for Enhanced Cyber Security	Jan-2023	Conference paper	Proceedings - 5th International Conference on Smart Systems and Inventive	10.1109/ICSSIT55814.2023.10060896	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus

S. No.	Name	Title	Month	Document Type	Source title	DoI / ISSN / ISBN	Volume (Issue)	Publisher	Scopus /WoS /Others
					Technology, ICSSIT 2023				
318	Dr. Anto Bennet M	An Efficient Antenna Parameters Estimation Using Machine Learning Algorithms	Jan-2023	Article	Progress In Electromagnetics Research C	10.2528/PIERC 22121004	130	Electroma gnetics Academy	Scopus
319	Mr. Vijay Albert William M	Fabrication and microstructural characterization of MgO composites for biomedical applications using the bottom pour stir casting process	Jan-2023	Conference paper	Materials Today: Proceedings	10.1016/j.matp r.2022.09.294	72	Elsevier Ltd	Scopus
320	Dr. Kanmani Pappa C	Intelligent Analysis on Frameworks for Mobile App Development	Jan-2023	Conference paper	Proceedings - 5th International Conference on Smart Systems and Inventive Technology, ICSSIT 2023	10.1109/ICSSIT 55814.2023.10 060902	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus

S. No.	Name	Title	Month	Document Type	Source title	DoI / ISSN / ISBN	Volume (Issue)	Publisher	Scopus /WoS /Others
321	Dr. Kavitha T	Bluetooth based Garage Door Opening System	Jan-2023	Conference paper	Proceedings - 5th International Conference on Smart Systems and Inventive Technology, ICSSIT 2023	10.1109/ICSSIT 55814.2023.10 061046	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
322	Dr. Sahaya Sheela M	Design and implementation of high speed, low complexity FFT/IFFT processor using modified mixed radix-24–22-23 algorithm for high data rate applications	Jan-2023	Article	International Journal of Information Technology (Singapore)	10.1007/s4187 0-022-01128-z	15 (1)	Springer Science and Business Media B.V.	Scopus
323	Dr. Sridevi S	CNN and XGBoost Based Hybrid Model in Classification of Fetal Ultrasound Scan Planes Images in Detection of Congenital Heart Defects	Jan-2023	Conference paper	Lecture Notes in Networks and Systems	10.1007/978-981-19-5845-8_4	528	Springer Science and Business Media Deutschlan d GmbH	Scopus

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324	Dr. Aloy Anuja Mary G	EEG Signal Classification Automation using Novel Modified Random Forest Approach	Jan-2023	Article	Journal of Scientific and Industrial Research	10.56042/jsir.v82i1.70213	82 (1)	National Institute of Science Communication and Policy Research	WoS
325	Dr. Rajkumar R	Cache Coherence for Embedded Multi-core System Architectures: A Survey and Challenges	Jan-2023	Conference paper	Lecture Notes in Networks and Systems	10.1007/978-981-19-5845-8_49	528	Springer Science and Business Media Deutschland GmbH	Scopus
326	Dr. Sankar M	IoT based Energy Efficient using Wireless Sensor Network Application to Smart Agriculture	Jan-2023	Conference paper	IDCIoT 2023 - International Conference on Intelligent Data Communication Technologies and Internet of Things, Proceedings	10.1109/IDCIoT56793.2023.10053446	NA	Institute of Electrical and Electronics Engineers Inc.	Scopus
327	Dr. Dhanabalan G	Software Design of VerilogHDL Code Generation for Ladder Diagram and Data Acquisition Using LABVIEW	Jan-2023	Article	Wireless Personal Communications	10.1007/s11277-022-09990-7	128 (2)	Springer	Scopus

S. No.	Name	Title	Month	Document Type	Source title	DoI / ISSN / ISBN	Volume (Issue)	Publisher	Scopus /WoS /Others
328	Dr. Aloy Anuja Mary G	Novel Technique for Identification of False Coconuts to Avoid Genetic Diseases Using Classifiers	Jan-2023	Conference paper	Lecture Notes in Networks and Systems	10.1007/978-981-19-1976-3_33	459	Springer Science and Business Media Deutschland GmbH	Scopus
329	Dr. Selwin Mich Priyadharson A	Sentinel-2 Satellite Image Enhancement and Compression Based on DWT and Vector Quantization	Jan-2023	Conference paper	Lecture Notes in Electrical Engineering	10.1007/978-981-19-7698-8_1	970	Springer Science and Business Media Deutschland GmbH	Scopus
330	Dr. Subitha D	Design and analysis of Circular microstrip patch antenna with SRR on modified and defected ground structures for UWB applications	Jan-2023	Article	Materials Today: Proceedings	10.1016/j.matpr.2021.07.220	80	Elsevier Ltd	Scopus
331	Dr. Sanjoy Debnath	Performance Analysis of Hybrid Memory Based Dragonfly Algorithm in Engineering Problems	Jan-2023	Book chapter	Studies in Computational Intelligence	10.1007/978-3-031-09835-2_5	1054	Springer Science and Business Media Deutschland GmbH	Scopus
332	Mr. Manikandan M	Improving the Performance of Classifiers by Ensemble Techniques for the	Jan-2023	Article	IETE Journal of Research	10.1080/03772063.2021.1910579	69 (4)	Taylor and Francis Ltd.	Scopus

S. No.	Name	Title	Month	Document Type	Source title	DoI / ISSN / ISBN	Volume (Issue)	Publisher	Scopus /WoS /Others
		Premature Finding of Unusual Birth Outcomes from Cardiotocography							
333	Dr. Herald Anantha Rufus N	THD Reduction for Permanent Magnet Synchronous Motor Using Simulated Annealing	Jan-2023	Article	Intelligent Automation and Soft Computing	10.32604/iasc.2023.028930	35 (2)	Tech Science Press	WoS
334	Dr. Subitha D	Hybrid precoding algorithm for massive MIMO system with imperfect channel knowledge	Jan-2023	Article	Materials Today: Proceedings	10.1016/j.matpr.2021.07.218	80	Elsevier Ltd	Scopus
335	Dr. Anto Bennet M	Classification and Localization of COVID-19 based on a Pneumonia Radiograph using a Deep Learning Approach	Dec-2022	Conference paper	ACM International Conference Proceeding Series	10.1145/3590837.3590857	NA	Association for Computing Machinery	Scopus
336	Dr. Shiyamala S	A FRAMEWORK FOR SINGLE-CHIP MULTIPLE PROCESS MICROARCHITECTURE FOR DYNAMIC IOT COMMUNICATION	Dec-2022	Article	Journal of Theoretical and Applied Information Technology	1992-8645	23	Little Lion Scientific	Scopus

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337	Dr. Sathyasri B	Fabrication and characterization of nano-particle biomaterial scaffold for treating burn wounds	Dec-2022	Article	Journal of Materials Research	10.1557/s43578-022-00807-8	37 (23)	Springer Nature	WoS
338	Ms. Suma Nair	Smart device for women safety using machine learning based logic regression algorithm	Dec-2022	Conference paper	AIP Conference Proceedings	10.1063/5.0106487	2576	American Institute of Physics Inc.	Scopus
339	Ms. Srividhya R	Asynchronous carry look ahead adder using energy efficient pipeline template	Dec-2022	Conference paper	AIP Conference Proceedings	10.1063/5.0107203	2576	American Institute of Physics Inc.	Scopus
340	Ms. Mahalakshmi V	Intelligent Surveillance System (Iss) Using Hardware Software Co-Design	Dec-2022	Conference paper	AIP Conference Proceedings	10.1063/5.0112515	2426	American Institute of Physics Inc.	Scopus
341	Dr. Suresh P	AI based realtime task schedulers for multicore processor based low power biomedical devices for health care application	Dec-2022	Article	Multimedia Tools and Applications	10.1007/s11042-021-11651-z	81 (29)	Springer	WoS
342	Dr. Kavitha T	Data congestion control framework in Wireless Sensor	Dec-2022	Article	Measurement: Sensors	10.1016/j.measen.2022.100563	24	Elsevier Ltd	Scopus

S. No.	Name	Title	Month	Document Type	Source title	DoI / ISSN / ISBN	Volume (Issue)	Publisher	Scopus /WoS /Others
		Network in IoT enabled intelligent transportation system							
343	Dr. Velmurugan V	Improvement in the graphite electrode wear characteristic of electrical discharge machined Nimonic 90 through plasma nitriding, laser hardening and duplex process	Dec-2022	Article	Sadhana - Academy Proceedings in Engineering Sciences	10.1007/s12046-022-01966-4	47 (4)	Springer	WoS
344	Dr. Kanmani Ruby E D	Clustering Metric Algorithm for Cost-Effective Routing in Flying Ad-hoc Networks	Dec-2022	Article	SSRG International Journal of Electrical and Electronics Engineering	10.14445/23488379/IJEEE-V9I12P108	9 (12)	Seventh Sense Research Group	Scopus
345	Dr. Nanmaran R	An Intelligent System for Monitoring Various Parameters in Irrigation System using IoT	Dec-2022	Article	SSRG International Journal of Electrical and Electronics Engineering	10.14445/23488379/IJEEE-V9I12P110	9 (12)	Seventh Sense Research Group	Scopus
346	Dr. Valarmathi R S	Obstructive Sleep Apnea Severity Prediction Model GUI using Anthropometrics	Dec-2022	Article	SSRG International Journal of Electrical and	10.14445/23488379/IJEEE-V9I12P112	9 (12)	Seventh Sense Research Group	Scopus

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					Electronics Engineering				
347	Dr. Hemakumar V S	Congestion aware low power on chip protocols with network on chip with cloud security	Dec-2022	Article	Journal of Cloud Computing	10.1186/s13677-022-00307-4	11 (1)	Springer Science and Business Media Deutschland GmbH	WoS
348	Dr. Sathyasri B	Neural network-based regression assisted PAPR reduction method for OFDM systems	Dec-2022	Article	Sadhana - Academy Proceedings in Engineering Sciences	10.1007/s12046-022-02024-9	47 (4)	Springer	WoS
349	Mr. Vijay Albert William M	MFO Tunned SVR Models for Analyzing Dimensional Characteristics of Cracks Developed on Steam Generator Tubes	Dec-2022	Article	Applied Sciences (Switzerland)	10.3390/app122312375	12 (23)	MDPI	WoS
350	Ms. Divyabharathi P	Face recognition based vehicle starter using machine learning	Dec-2022	Article	Measurement: Sensors	10.1016/j.measen.2022.100575	24	Elsevier Ltd	Scopus
351	Mr. Aanandha Saravanan K	Intellectual transport system for human safety using machine learning approach	Dec-2022	Article	Measurement: Sensors	10.1016/j.measen.2022.100586	24	Elsevier Ltd	Scopus

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352	Dr. Mazher Iqbal J L	Handling high dimensional features by ensemble learning for emotion identification from speech signal	Dec-2022	Article	International Journal of Speech Technology	10.1007/s10772-021-09916-x	25 (4)	Springer	Scopus
353	Dr. Esther Rani P	FACIAL EMOTION RECOGNITION USINGHYBRID PSO AND GA OPTIMIZED CONVOLUTIONAL NEURAL NETWORK	Nov-2022	Article	Journal of Theoretical and Applied Information Technology	1992-8645	22	Little Lion Scientific	Scopus
354	Dr. Saravanan M	Radiation beam scanning leaky wave antenna loaded with metal via dielectric resonator	Nov-2022	Conference paper	AIP Conference Proceedings	10.1063/5.0113437	2452	American Institute of Physics Inc.	Scopus
355	Dr. Vinodh Kumar N	Noise characterisation of GaN current aperture vertical electron transistor metal-insulated semiconductor field effect transistor with Δ-shaped gate for low noise radio frequency amplifiers	Nov-2022	Article	International Journal of RF and Microwave Computer-Aided Engineering	10.1002/mmce.23401	32 (11)	John Wiley and Sons Inc	Scopus

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356	Dr. Shiyamala S	Secure advance metering infrastructure protocol for smart grid power system enabled by the Internet of Things	Nov-2022	Article	Microprocessors and Microsystems	10.1016/j.micpro.2022.104708	95	Elsevier B.V.	WoS
357	Mr. Mohan Sai Kumar CH	A Novel Zernike Moment-Based Real-Time Head Pose and Gaze Estimation Framework for Accuracy-Sensitive Applications	Nov-2022	Article	Sensors	10.3390/s22218449	22 (21)	MDPI	WoS
358	Dr. Kanmani Ruby E D	Topology based energy efficient routing using integration of fuzzy based markov chain cluster-optimized novel ant bee colony approach in FANET	Oct-2022	Article	Concurrency and Computation: Practice and Experience	10.1002/cpe.7175	34 (23)	John Wiley and Sons Ltd	WoS
359	Mr. Ezilarasan M R	EEG-based emotion recognition using hybrid CNN and LSTM classification	Oct-2022	Article	Frontiers in Computational Neuroscience	10.3389/fncom.2022.1019776	16	Frontiers Media S.A.	WoS
360	Dr. Kanmani Ruby E D	Design and optimization of 2x2 array pin-fed sequentially notched	Oct-2022	Conference paper	AIP Conference Proceedings	10.1063/5.0110679	2519	American Institute of Physics Inc.	Scopus

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		circular patch antenna							
361	Dr. Sasikala G	ARDUINO BASED SMART SOLAR PHOTOVOLTAIC REMOTE MONITORING SYSTEM	Oct-2022	Article	Malaysian Journal of Science	10.22452/mjs.vol41no3.8	41 (3)	Malaysian Abstracting and Indexing System	Scopus
362	Dr. Balaji L	Design of Compact Planar Monopole UWB MIMO Antenna with Four Orthogonal Elements and Tapered Fed Configuration for Wireless Diversity Applications	Oct-2022	Article	Electronics (Switzerland)	10.3390/electronics11193087	11 (19)	MDPI	WoS
363	Dr. Kavitha T	Reliable efficient cluster routing protocol based HTDE scheme for UWSN	Oct-2022	Article	Indonesian Journal of Electrical Engineering and Computer Science	10.11591/ijeecs.v28.i1.pp498-507	28 (1)	Institute of Advanced Engineering and Science	Scopus
364	Dr. Hemakumar V S	Driver monitoring and passenger interaction system using wearable device in intelligent vehicle	Oct-2022	Article	Computers and Electrical Engineering	10.1016/j.compeleceng.2022.108323	103	Elsevier Ltd	Scopus

S. No.	Name	Title	Month	Document Type	Source title	DoI / ISSN / ISBN	Volume (Issue)	Publisher	Scopus /WoS /Others
365	Dr. Jana S	Negative Capacitance Ferroelectric FET Based on Short Channel Effect for Low Power Applications	Oct-2022	Article	Silicon	10.1007/s12633-021-01625-z	14 (15)	Springer Science and Business Media B.V.	WoS
366	Dr. Helina Rajini Suresh	Design of spider web spaced antenna for medical applications	Sep-2022	Conference paper	AIP Conference Proceedings	10.1063/5.0103778	2518	American Institute of Physics Inc.	Scopus
367	Dr. Esther Rani P	Bipolar fuzzy information-based PROMETHEE-based outranking scheme for mitigating vampire attack in wireless sensor networks	Sep-2022	Article	Transactions on Emerging Telecommunications Technologies	10.1002/ett.4564	33 (9)	John Wiley and Sons Inc	WoS
368	Dr. Natarajan S	Simple LASER Tracking Algorithm Using Programmable System on Chip (PSoC) for Visible Light Communication (VLC)	Sep-2022	Article	Optical Memory and Neural Networks (Information Optics)	10.3103/S1060992X22030079	31 (3)	Pleiades Publishing	Scopus
369	Dr. Raja C	Scalable extension of HEVC with adaptive de-blocking filter for bandwidth-limited applications	Sep-2022	Article	ICT Express	10.1016/j.icte.2021.09.002	8 (3)	Korean Institute of Communication Sciences	WoS

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370	Dr. Sasikala G	Strategic report on MEMS based carbon monoxide sensor technology for environmental air quality monitoring using unmanned aerial vehicle	Aug-2022	Review	International Journal of Advanced Technology and Engineering Exploration	10.19101/IJATE E.2021.875446	9 (93)	Accent Social and Welfare Society	Scopus
371	Dr. Kavitha T	Performance Analysis of Single Side Band Orthogonal Frequency Division Multiplexing in Radio over Fiber System with Direct and External Modulation Schemes	Jul-2022	Article	Journal of Optical Communications	10.1515/joc-2018-0231	43 (3)	De Gruyter Open Ltd	Scopus
372	Dr. Suresh P	Autonomous navigation system based on a dynamic access control architecture for the internet of vehicles	Jul-2022	Article	Computers and Electrical Engineering	10.1016/j.comp eleceng.2022.1 08037	101	Elsevier Ltd	WoS
373	Dr. Vinodh Kumar N	All Fiber-Optic Multigas (NH, NO, and CO) Sensor Based on MoWS Coated Fiber	Jul-2022	Article	IEEE Sensors Journal	10.1109/JSEN.2 022.3176862	22 (13)	Institute of Electrical and Electronics Engineers Inc.	Scopus

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374	Dr. Anandan M	Reduction of electromagnetic coupling between parallel high speed interconnects using defected Microstrip structure	March-2023	Conference paper	4th International Conference on Materials, Manufacturing and Modelling (ICMMM-2023)	ISSN:2094-0343 2326-9865	NA	VIT ,Vellore ,Materials today proceedings	Others
375	Dr. Anandan M	Design and Development of Paper Substrate Microstrip Patch Antenna for Wireless Applications	March-2023	Conference paper	4th International Conference on Materials, Manufacturing and Modelling (ICMMM-2023)	ISSN:2094-0343 2326-9865	NA	VIT ,Vellore ,Materials today proceedings	Others
376	Dr.Sasikala G	Stress relaxation scaled model using EEG	Juy 2022	Article	International Journal of Pharmaceutical Research	10.31838/ijpr/2021.13.02.466	17(2)	Advanced Scientific Research	Others
377	Dr.Anandan M	Simulation of Hata Okumara model for Wifi transmission channel	Nov 2022	Confeence paper	National conference on Innoation, Technology and Socialogy (NCITS2K22)	ISSN:2094-0343 2326-9865	NA	Springer nature	Others
378	Dr.Sasikala G	Improvement of 5G Network Coverage and Capacity by Using MIMO-A/BAntenna Planning	Juy 2022	Article	Mathematical Statistician and Engineering Applications	ISBN: 978-81-951436-2-7	NA	The Mathematical and Research Society	Others

S. No.	Name	Title	Month	Document Type	Source title	DoI / ISSN / ISBN	Volume (Issue)	Publisher	Scopus /WoS /Others
		in Prediction Software							
379	Dr Anto Bennet M	Digital Electronics	JUN-2023	Book	-	978-93-5577-623-5	-	Charulatha Publication	Others
380	Dr S Jana	Digital System Principles and Design	JAN-2023	Book	-	978-93-95659-02-4	-	Beyond Line Publisher	Others
381	Dr. Jency Rubia J	QUANTUM COMPUTING	JUN-2023	Book	-	978-93-5757-543-0	-	Scientific International Publishing House (SIPH)	Others
382	Dr. Koushick Venkatesh	Digital Signal Procesing	JUN-2023	Book	-	978-81-19313-48-8	-	Global Aasan Research, Aasan Publications	Others
383	Dr. M. Sahaya Sheela	Patch Antenna For 5G Applications	MAY-2023	Book	-	978-620-6-16132-5	-	LAP LAMBERT Academic Publishing	Others
384	Dr. Uganya G	The Fundamentals of Machine Learning	MAY-2023	Book	-	978-620-6-16611-5	-	LAP LAMBERT Academic Publishing	Others

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385	Dr.Anandan	Book chapter "Robotic in Real-Time Applications in Healthcare System" in the book of "Computer Vision and AI-integrated IoT Technologies in Medical Ecosystem"	JUN-2023	Book	-	9.78103E+12	-	CRC Press Taylor & Francis (T&F) Group USA	Others
386	Dr.D.David Neels Ponkumar,	Cryptography for Cyber and Network Security	JUN-2023	Book	-	978-81-963849-6-8	-	SAN INTERNATIONAL SCIENTIFIC PUBLICATIONS	Others
387	Dr.D.David Neels Ponkumar,	Simulating Wireless Communication Systems	MAY-2023	Book	-	979-8-89067-134-9	-	NOTION PRESS	Others
388	Dr.D.David Neels Ponkumar,	Various Approaches towards Fuzzy Logic Concepts, Data Mining and Robotics	APR-2023	Book	-	978-93-5780-670-1	-	Swanirman Sunirmit Publications	Others
389	Dr.E.D.Kanmani Ruby	Transmission lines and RF Systems	JUN-2023	Book	-	978-93-5577-474-3	-	Charulatha Publication	Others
390	Dr.E.D.Kanmani Ruby	Wireless Communication	JUN-2023	Book	-	978-93-5577-472-9	-	Charulatha Publication	Others

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391	Dr.J.Josephine Pon Gloria	Transmission lines and RF Systems	JUN-2023	Book	-	978-93-5577-474-3	-	Charulatha Publication	Others
392	Dr.J.Josephine Pon Gloria	Wireless Communication	JUN-2023	Book	-	978-93-5577-472-9	-	Charulatha Publication	Others
393	Dr.M.Anto Bennet	Transmission lines and RF Systems	JUN-2023	Book	-	978-93-5577-474-3	-	Charulatha Publication	Others
394	Dr.M.R.Arun	Transmission lines and RF Systems	JUN-2023	Book	-	978-93-5577-474-3	-	Charulatha Publication	Others
395	Dr.N.Herald Anantha Rufus	Artificial Intelligence for Beginners	FEB-2023	Book	-	978-93-5577-942-7	-	Charulatha Publication	Others
396	Dr.P.Kalpana Devi	Wireless Communication	FEB-2023	Book	-	978-93-95978-91-0	-	Alpha International Publication	Others
397	Dr.S.Thenappan	VLSI Design	MAY-2023	Book	-	978-93-5757-635-2	-	Scientific international publishing house (SIPH)	Others
398	Dr.V.Velmurugan	The Business of Machine Learning: How to use Machine	JUN-2023	Book	-	-	-	Notion PRESS(Amazon online)	Others

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		Learning to drive Revenue							
399	Dr.M.Sahaya Sheela	Embedded System Programming	JUN-2023	Book	-	978-62-06768-84-5	-	Scholars Press	Others
400	Dr. K. Anish Pon Yamini	VLSI and Chip Design	JUN-2023	Book	-	978-81-19056-70-5	-	The Charulatha Publications	Others
401	Dr. K. Anish Pon Yamini	VLSI Design	JUN-2023	Book	-	978-81-19056-73-6	-	The Charulatha Publications	Others