

Academic Year 2012-2022

S. No	Name of the author/s	Title of paper	Name of journal
1	Sathyasri, B., Malarvizhi, C., Balaji, A. , & Ruby, E.	Design and optimization of 2x2 array pin-fed sequentially notched circular patch antenna	AIP Conference Proceedings
2	E. Thenmozhi, A. Karunakaran, J. R. Arunkumar, V. Chinnammal , C. Kalaivanan and G. Anitha	An Efficient Object Detection and Classification from Restored Thermal Images based on Mask RCNN	2022 Sixth International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) (I-SMAC), Dharan, Nepal
3	Ms.S.Kalaivani	A Study of COVID-19 and Its Detection Methods Using Imaging Techniques	Lecture Notes in Electrical Engineering
4	Ganesh C , Mayurappriyan PS, Shanmugasundaram R, Jagadeesh Kumar SJK and Adhi Sakthi PK	Formulating Course Outcomes and Mapping with Program Outcomes”,	International Journal of Special Education
5	Shanmugasundaram R, Ganesh C , Adhavan B, Singaravelan A and Gunapriya B	Sensorless Speed Control of BLDC Motor for EV Applications	Springer Lecture Notes on Data Engineering and Communication Technologies
6	Shanmugasundaram R, Ganesh C , Singaravelan A and, Gunapriya B	High-Performance ANFIS-Based Controller for BLDC Motor Drive	Springer Smart Innovation, Systems and Technologies
7	Dr.P.NAGARAJA N	Delay flip flop based phase frequency detector for power efficient phase locked loop architecture.	IEEE XPLORE
8	Dr.P.NAGARAJAN	Analysis of Millimeter-Wave based on Multichannel Wireless Networks-on-Chip	IEEE XPLORE
9	Dr.P.NAGARAJAN	ICLM: Empirical Evaluation of Rheumatoid Arthritis Disorder using Image Classification and Linear Mapping Principles	IEEE XPLORE
10	Dr.P.NAGARAJAN	An Assessment on Condition Monitoring of Automobile Gearbox through Naïve Bayes Approach using Statistical Features	IEEE XPLORE
11	Dr.S.Manjula	Data Routing with Load Balancing Using Ant Colony Optimization Algorithm	Lecture Series in Advances in Intelligent Systems and Computing.
12	Dr.A.K.Gnanasekar	Detection of Ag ⁺ by Synthesizing Fluorescent Copper Nanoparticles through Ultrasensitive Free Label Approach	Journal of Nanomaterials
13	Dr.A.K.Gnanasekar	Novel low-noise cmos Bioamplifier For the characterization of neurodegenerative diseases	Advances in Experimental Medicine and Biology

14	Dr.A.K.Gnanasekar	Simulation Process of Injection Molding and Optimization for Automobile Instrument parameter in Embedded System	Advances in Materials Science & Engineering
15	Dr.A.K.Gnanasekar	Energetic Glaucoma Segmentation and Classification Strategies Using Depth Optimized Machine Learning Strategies	Wiley Contrast Media & Molecular Imaging
16	Dr.G.Shanthi	Smart development in the growth of plants Using hydroponics and Internet of Things	AIP conference proceedings
17	Dr.G.Shanthi	Artificial intelligence based learning for Wireless application – A survey	AIP conference proceedings
18	Dr.G.Shanthi	Internet of things enabled automated air Pollution monitoring using oppositional swallow swam optimization with deep learning module	Journal of Environmental Protection and Ecology
19	Dr.M.Malathi	Early diagnosis and monitoring of sleep Apnea using desaturation index and respiration percentage	AIP Conference Proceedings
20	Dr.M.Malathi	Segmentation of breast cancer using fuzzy C means and classification by SVM based on LBP features	AIP Conference Proceedings
21	Dr.M.Malathi	Segmentation of CT Lung Images Using FCM with Active Contour and CNN Classifier	Asian Pacific Journal of Cancer Prevention,
22	Dr.M.Malathi	An Estimation of PCA Feature Extraction In EEG-based Emotion Prediction with Support Vector Machines	Proceedings of Data Analytics and Management - Lecture Notes on Data Engineering and Communications Technologies
23	Mr.K.Senthil Kumar	IoT and AI based recognition and classification of Covid19 persons in public place	Turkish online journal of Qualitative Inquiry
24	Mr.K.Senthil Kumar	Paddy Blast Detection using Color Co-occurrence Features and Support Vector Machine Classifier	IEEE
25	Mr.K.Senthil Kumar	Lung – Pleura Carcinoma Detection Using Machine Learning	IEEE
26	Dr.S.Venkatesh	Upconversion of NaYF_4 : Yb, Er Nanoparticles Co-doped with Zr $4+$ For Magnetic Phase Transition and Biomedical Imaging Applications	Journal of Inorganic and Organometallic Polymers and Materials
27	Ms.K.Jayamani	Internet of Things based smart and secured health record preservation scheme using smart sensors	2022 International Conference on Advances in Computing,
28	Ms.K.Jayamani	BIT Error Rate Analysis of Various Water Samples in Underwater Wireless Optical Communication System	2022 International Conference on Advances in Computing,

29	Ms.K.Jayamani	A Compact Coupled Band-Pass Frequency Selective Surface for Examination of Human Body Part Using Ultrasonography	2022 International Conference on Advances in Computing,
30	Ms.K.Jayamani	Threshold based Adaptive Scheduling for Multi-User MIMO Networks	2022 International Conference on Advances in Computing,
31	Ms.K.Jayamani	An Efficient and Secured Multiple Keyword Cloud Data Searching Scheme with Dynamic Encryption Procedure	2022 International Conference on Advances in Computing,
32	Ms.K.Jayamani	Frequency Reconfigurable Antennas - A Contemporary Review	Lecture Notes in Electrical Engineering
33	Ms.K.Jayamani	Low profile frequency reconfigurable antenna for ism band applications	IEEE explore digital library
34	Ms.K.Jayamani	Design of Wearable Reconfigurable Antenna for IoT Applications	IEEE explore digital library
35	Ms.A. Vanathi	Future Driver Assistant with Reconfigurable On-Board Diagnostics system	Fifth International Conference on I-SMAC (iot in Social, Mobile, Analytics and Cloud) (I-SMAC)
36	Ms.A. Vanathi	Fuzzy Classification Based Driving Distance Estimation for Electric Vehicles	Trends in sciences
37	Ms.C.Malarvizhi	Design of metamaterial loaded monopole antenna for multiband operation	Aip conference proceedings
38	Ms.V.Chinnammal	Design of dual band meander line scoop antenna for ISM bands	5th International Conference on I-SMAC
39	Ms.V.Chinnammal	A New Tariff Based Energy Saving and Sharing Scheme from Renewable Energy Using Smart Grid	Recent Trends in Intensive Computing
40	Ms.V.Chinnammal	Design of meander line antenna for Foetal movement detection	Proceedings of the 6th International Conference on Communication and Electronics Systems (ICCES-2021)
41	Ms.V.Chinnammal	Design of Patch Antennas for Radio Band	Proceedings of Third International Conference on Intelligent Computing, Information and Control Systems
42	Ms.S.Sheela	An Evaluation of Effectiveness of a Texture Feature Based Computerized Diagnostic Model in Classifying the Ovarian Cyst as Benign and Malignant from Static 2D B-Mode Ultrasound Images	Current Medical Imaging
43	Mrs.V.Subashini	Design high efficiency sea-water antenna for Maritime wireless communication	AIP Conference Proceedings

44	Mr.A.Karunakaran	Design of Twin-slot Radiator Beam-Forming Antenna using Metasurface	International conference on Wireless Communications Signal Processing and Networking
45	Mr.U.Maheswaran	Detection of Diabetic Retinopathy Disease Using Efficient Method of Image Processing	2022 International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI)
46	Mr.U.Maheswaran	A wireless communication protocol enabled school Bus tracking system using internet of things support	2022 International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI)
47	Mr.U.Maheswaran	An Effective Design of Wireless Android based Robotic Operation Control using 8051 Microcontroller	2022 International Conference on Advances in Computing,
48	Mr.U.Maheswaran	Design and Experimental Investigation of Tapered Vivaldi Patch Antenna for Microwave Imaging	2022 International Conference on Advances in Computing,
49	Mr.U.Maheswaran	Detection of critical diseases in rice crop Using GLCM Texture Feature Algorithm	2022 International Conference on Advances in Computing,
50	Mr.U.Maheswaran	Melanoma Classification using XGB Classifier and EfficientNet	IEEE Xplore
51	Mr.U.Maheswaran	IoT Based coal mine safety monitoring and controlling	Journal of University of Shanghai for Science and Technology
52	Mr.RahulKrishnan	An Investigation Using Specific Absorption Rate Analysis to Diagnose Early- stage Breast Tumor using UWB Antenna	Current Medical Imaging
53	Mr.RahulKrishnan	Design of Cubic Dielectric Resonator Antenna for Biomedical Application	2021 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSES)
54	Mr.RahulKrishnan	IoT for precision in agricultural system	AIP Conference Proceedings
55	Mr.A.Balaji	Automatic number plate recognition system for entry and exitt management	International Conference on Communication and Electronics Systems
56	Mr.A.Balaji	Design and analysis of tri-band Stop fss for medical instruments Shielding application	6th International Conference on Communication and Electronics Systems.
57	Mr.A.Balaji	Recursive CNN Model to Detect Anomaly Detection in X-Ray Security Image	2nd International Conference on Innovative Practices in Technology and Management
58	Mr.A.Balaji	Tipple band S-type antenna with meander line for ISM band application.	IEEE explore ICSTSN (International Conference on Smart Technologies and Systems for next generation computing)
59	Mr.L.Saravanan	IOT Based Deep Learning framework to Diagnose Breast Cancer over Pathological Clinical Data	2022 2nd International Conference on Innovative Practices in Technology and Management (ICIPTM)

60	Mr.L.Saravanan	A Novel Approach for a Smart Early Flood Detection and Awareness System using IoT	2022 8th International Conference on Smart Structures and Systems (ICSSS)
61	Ms. Aruna Jayashree	Enabling public transport system for visually impaired people	AIP Conf. Proc.
62	Ms. Nami Susan Kurian	A Review of Clustering Protocols in Wireless Sensor Network for Energy Efficient Data Transfer	International Conference on Sustainable Computing and Data communication Systems.
63	Ms. Nami Susan Kurian	Efficient spectrum sharing using femtocells For wireless networks	AIP conference proceedings 2405,
64	Ms. Nami Susan Kurian	Mass Sphering Approach for Three-Dimensional Reconstruction of Brain Tumor using MRI	Indian journal of science and technology
65	Ms. Nami Susan Kurian	Prediction of Risk in Cardiovascular Disease using Machine Learning Algorithms	2022 International Conference on Sustainable Computing and Data Communication Systems (ICSCDS)
66	Ms.S.Kalaivani	Differential Amplifier Based Speed Monitoring Circuit for Airport and Production Industry,	Fifth International Conference on I-SMAC (iot in Social, Mobile, Analytics and Cloud) (I-SMAC)
67	Ms.S.Kalaivani	Design of A Compact Dual band Microstrip Reconfigurable Antenna For WLAN/wimax Application	2021 Fifth International Conference on I-SMAC (iot in Social, Mobile, Analytics and Cloud) (I-SMAC)
68	Dr A. K. Gnanasekar	-Machine learning models to detect the blackhole attack in wireless Materials Today Proceedings	Materials Today Proceedings-Elsevier
69	Manjula.S	Investigation of Direct Delta Sigma Receiver for Modern Cellular Systems	IOP Conference Series: Materials Science and Engineering
70	Manjula.S	Design of Flexible Signal Processing Algorithm for Reducing Feedback Signal on Digital Hearing Aid System	Annals of R.S.C.B.,
71	Manjula.S	Design of Adaptive FIR based Algorithm for Reducing noise Feedback Signal on Digital Hearing Aid System	Annals of R.S.C.B.,
72	Manjula.S	A Collective and Comparative Study of Various Routing Protocols and the Threats in MANET	International Journal of Knowledge and Systems Science
73	K.Senthil Kumar, S.Varalakshmi, G.Sathish Kumar, T.Kosalai	Melanoma Detection and Classification in Digital Dermoscopic Images Using Machine Learning	Lecture Notes in Networks and Systems
74	Ms. C. Malarvizhi	Integration of 3D MEMS Accelerometer Sensor	Annals of R.S.C.B.,
75	Ms. C. Malarvizhi	Robust Noise Classification using New Noise Extraction Approach	Turkish Journal of Physiotherapy and Rehabilitation

76	R.Balamurugan,T.Dineshkumar , C.Malarvizhi, , A.Yogeshwaran, , K.Karthik,, R.Sagayaraj	IoT Based Farm Housing Using NPK Sensors	Annals of R.S.C.B.,
77	A.Vanathi	Optimized Railway Track Condition Monitoring and Derailment Prevention system supported by Cloud Technology	Transportation Research Record:Journal of Transportation Research Board
78	K. Sivakumar,, Sakthiraam. B,, Santosh Snehal. V, , Yogashivasankarri. S	Comparative analysis of elementary and edge-preserving spatial filters in noise removal – a comprehensive study	Journal of University of Shanghai for Science and Technology
79	K.Sivakumar, Jayashree.S, Kaavya.K, Pooja.S	Active Contour Driven by geometric mean and standard deviation based energy fitting model for the left ventricle segmentation from cardiac magnetic resonance images	Journal of University of Shanghai for Science and Technology
80	K.Sivakumar	Intelligent Automated Public Transportation Systems with Enhanced Security	Journal of University of Shanghai for Science and Technology
81	K.Sivakumar	Transform and Statistical parameter-based image noise level prediction	Journal of University of Shanghai for Science and Technology
82	Mr. A. Karunakaran	SECURE AUDITING AND STORAGE SYSTEMS IN CLOUD	Turkish Journal of Physiotherapy and Rehabilitation
83	Mr. Franklin Tefler	Design and Analysis of Printed Planar Compact Broadband Dual Frequency Antenna in FR4 Substrate for Signal Processing Applications	2022 3rd International Conference on Electronics and Sustainable Communication Systems (ICESC)
84	Mr. G. Kalyan Kumar	Performance Comparison of AFZ Converter with PI and FOPID Controller	Proceedings of the International Conference on Edge Computing and Applications (ICECAA 2022)
85	T. M. Amirthalakshmi	An Effectual Plant Leaf Disease Detection using Deep Learning Network with IoT Strategies	Annals of R.S.C.B.,
86	Dr.T.M.Amirthalakshmi K.Sakthisudhan S.Sankar Ganesh S.Nandhakumar	Gain enrichment of wideband antenna utilized on artificial magnetic conductor surface	Materials today: Proceedings

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S. No	Name of the author/s	Title of the paper	Name of the journal
1	Dr.G.Nirmalapriya	ASCA-squeeze net: Aquila sine cosine algorithm enabled hybrid deep learning networks for digital image forgery detection	Computers and Security

2	Dr.M.Malathi	A smart healthcare monitoring system for patients using IoT and cloud computing	AIP Conference Proceedings
3	Dr.S.Ashok Kumar	Design of Octagonal CPW-Fed Broadband Millimeter Wave Antenna for 5G Applications	Transactions on Electrical and Electronic Materials
4	Nagarajan P	Foetal Ultrasonographic Sparse Representation Evaluation of Spectral Trust Maps	AIP Conference Proceedings
5	Ms.A.Vanathi	Deep In Memory Architectures Learning of Trade-offs For Productivity	AIP Conference Proceedings
6	Jeyapoornima, B., Bhanu, S. T., Vanathi, A., Sheela, J. J. J., Sivan, S., & Praveenkumar, S	Design of Miniaturized UWB Antenna for Skin Cancer Recognition	2022 International Conference on Power, Energy, Control and Transmission Systems
7	Sathyasri, B., Malarvizhi, C., Balaji, A., & Ruby, E.	Design and optimization of 2x2 array pin-fed sequentially notched circular patch antenna	AIP Conference Proceedings
8	Dr.M.Malathi	Oral Cancer Prediction Using a Probability Neural Network (PNN)	Asian Pacific Journal of Cancer Prevention
9	Mr.A.Balaji	IoT Assisted Drunk and Drive People Identification to Avoid Accidents and Ensure Road Safety Measures	Proceedings of the 2nd IEEE International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2023
10	Dr.I.Chandra	An Intelligent Light Assisted Wireless Vehicle Communications using Visible Light Communication	Proceedings of the 2nd IEEE International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2023
11	Ramkumar, V., Supraja, C., Chinnammal, V., Krishnan, R., Saravanan, L., & Sheela. J	Design of Elliptical to Circular Dielectric Resonator Antenna for Microwave Imaging Application.	2022 International Conference on Power, Energy, Control and Transmission Systems
12	Shashi, V. Srikanth, P. Biswas, V. Chinnammal, S. A. Bhosale and S. Degadwala,	Usage of ML and IoT in Healthcare Diagnose During Pandemic.	2022 3rd International Conference on Intelligent Engineering and Management (ICIEM), London, United Kingdom
13	J. N. Jothi, S.Poongodi, V.Chinnammal, L.Kannagi, M.Panneerselvam and R. T. Prabu,	AI Based Humanoid Chatbot for Medical Application	International Conference on Smart Electronics and Communication (ICOSEC), Trichy, India, 2022

14	E. Thenmozhi, A. Karunakaran, J. R. Arunkumar, V. Chinnammal, C. Kalaivanan and G. Anitha	An Efficient Object Detection and Classification from Restored Thermal Images based on Mask RCNN	2022 Sixth International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) (I-SMAC), Dharan, Nepal
15	Ms.V.Chinnammal	LiFi: A Visible Light Communication Assisted Fishermen Tracking System using GPS	Proceedings of the 2nd IEEE International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2023
16	Ms.V.Chinnammal	Secured Data Access and Control Abilities Management over Cloud Environment using Novel Cryptographic Principles	Proceedings of the 2nd IEEE International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2023
17	Dr.M.Malathi	Single-Phase Bi-Directional AC/DC Converters for Fast DC Bus Voltage Controller	Lecture Notes in Networks and Systems
18	Dr.M.Malathi	Design of Automatic Clearance System for Emergency Transport and Abused Vehicle Recognition	Lecture Notes in Networks and Systems
19	Dr.M.Malathi	IoT-Based Smart Pill Box and Voice Alert System	Lecture Notes in Networks and Systems
20	Dr.M.Malathi	Early Identification of Plant Diseases by Image Processing Using Integrated Development Environment	Lecture Notes in Networks and Systems
21	Ms.Nami Susan Kurian	Smart PPE using LoRaWAN Technology	Inventive Computation Technologies, ICICT 2023 - Proceedings
22	Mr.A.Balaji	Investigating and Checking the Javelin Athlete's Movement Parameters Using Smart WSN	ICRTEC 2023 - Proceedings: IEEE International Conference on Recent Trends in Electronics and Communication: Upcoming Technologies for Smart Systems
23	Dr.M.Chitra	Optimal Feature Selection and Classification Using Convolutional Neural Network-Based Plant Disease Prediction	2023 IEEE International Conference on Integrated Circuits and Communication Systems, ICICACS 2023
24	Dr.M.Chitra	Multi-Objective Optimization for Enhanced Ethanol Production during Whey	International Conference on Power, Energy, Control and Transmission Systems (ICPECTS)
25	Ms.C.Malarvizhi	Machine Learning and Advanced Technology Based Fire Detection	International Conference on Intelligent and Innovative Technologies in Computing, Electrical and Electronics, ICIITCEE 2023

26	Saravanan L	Intelligent Power Control Models for the IOT Wearable Devices in BAN Networks	Proceedings of the International Conference on Intelligent and Innovative Technologies in Computing, Electrical and Electronics, ICIITCEE 2023
27	Mr.A.Balaji	Smart Technique to Prevent Flood Disaster due to High Rainfall in Coastal Areas using IoT	Proceedings of the International Conference on Intelligent and Innovative Technologies in Computing, Electrical and Electronics, ICIITCEE 2023
28	Dr.P.Sathish Kumar	Rock / Mine Classification Using Supervised Machine Learning Algorithms	Proceedings of the International Conference on Intelligent and Innovative Technologies in Computing, Electrical and Electronics, ICIITCEE 2023
29	Monisha, M., Vijayalakshmi, P., Somasundaram, K., Arunraj, N., Sathishkumar, P., & Meena, M.	Cooperative Sensing with Heterogeneous Spectrum Availability in Cognitive Radio.	2022 International Conference on Power, Energy, Control and Transmission Systems (ICPECTS) IEEE.
30	Nancy, W., Sathish, K. P., Jebasingh, K. S., Ruban, T. D., Mohanraj, K., & Azhagumurugan, R.	A Framework of Medical Image Segmentation using Edge Stop Function based on Contour Model.	2022 International Conference on Power, Energy, Control and Transmission Systems (ICPECTS)
31	Kumudham, R., Kumar, S., Megalan, L. L., Sivakumar, S., Venkateshkanna, T., & Velmurugan, V.	Comparative Analysis on Sediment Classification using Convolutional Neural Network	2022 International Conference on Power, Energy, Control and Transmission Systems (ICPECTS)
32	Mr.A.Balaji	Agri-IoT: A Farm Monitoring and Automation System using Internet of Things	Proceedings of the 2023 2nd International Conference on Electronics and Renewable Systems, ICEARS 2023
33	Dr.I.Chandra	A Robust and Efficient Computational Offloading and Task Scheduling Model in Mobile Cloud Computing	Proceedings of the International Conference on Artificial Intelligence and Knowledge Discovery in Concurrent Engineering, ICECONF 2023
34	Dr.I.Chandra	A Novel Orientation Approach in Artificial Intelligence for Mounting Robots Utilizing a Three-Dimensional Framework of the Broadcast Tower	Proceedings of the International Conference on Artificial Intelligence and Knowledge Discovery in Concurrent Engineering, ICECONF 2023

35	Dr.I.Chandra	An efficient Intelligent Systems for Low-Power Consumption Zigbee-Based Wearable Device for Voice Data Transmission	Proceedings of the International Conference on Artificial Intelligence and Knowledge Discovery in Concurrent Engineering, ICECONF 2023
36	Dr.E.Sivanantham	Detection of Early Fault in Power Electronic Converters through Machine Learning and Data Mining Techniques	Proceedings of the 3rd International Conference on Artificial Intelligence and Smart Energy, ICAIS 2023
37	Dr.E.Sivanantham	Management in Industrial Sectors using Neuro-Fuzzy Controller and Deep Learning	Proceedings of the 3rd International Conference on Artificial Intelligence and Smart Energy, ICAIS 2023
38	Dr.C.Ganesh	Power Quality Analysis of Fuzzy DVR based Hybrid Solar PV-PEMFC System Under Severe Disturbance	International Journal of Electrical and Electronics Research
39	Dr.I.Chandra	Prediction of Covid-19 symptoms with chest x-ray to optimize the solution through the MCOA Algorithm for feature extraction and measurement	Pakistan Journal of Pharmaceutical Sciences
40	Nagarajan P	Bluetooth based Garage Door Opening System	Proceedings - 5th International Conference on Smart Systems and Inventive Technology, ICSSIT 2023
41	Rahul Krishnan	Location of Early Stage Tumor Detection using Microwave Imaging in the Breast Phantom	Current Medical Imaging
42	Dr.C.Ganesh	Battery Management System in EV Applications: Review, Challenges and Opportunities	Lecture Notes in Networks and Systems
43	Dr.I.Chandra	Design and analysis of Circular microstrip patch antenna with SRR on modified and defected ground structures for UWB applications	Materials Today: Proceedings
44	Dr.I.Chandra	Hybrid precoding algorithm for massive MIMO system with imperfect channel knowledge	Materials Today: Proceedings
45	Dr.S.Manjula	High linear low voltage CMOS power amplifier for 2.4 GHz applications	International Journal of Electronics Letters
46	Dr.S.Manjula	Transmission of Biometric Feature using Facial Features Securely for Long Distance Biometric Recognition System	2022 International Conference on Electronic Systems and Intelligent Computing (ICESIC)
47	Dr.G.Shanthi	Metaheuristics Based Node Localization Approach for Real-Time Clustered Wireless Networks	Computer systems science & engineering
48	Mr. Manimaran	Power Quality Enhancement	Electronic Systems and Intelligent Computing: Proceedings of ESIC 2021. Singapore: Springer Nature Singapore, 2022.

49	Mr. Manimaran	Antlion-based sliding mode control of vienna rectifier for internet of	Measurement: Sensors
50	Mr. Manimaran	Empirical Assessment of Artificial Intelligence Enabled Electronic Voting System	2023 Eighth International Conference on Science Technology Engineering and Mathematics (ICONSTEM). IEEE
51	Ms.S.Kalaivani	Design of Narrowband Truncated Rectangular Antenna for Breast Cancer Detection	2022 International Conference on Applied Artificial Intelligence and Computing (ICAAIC)
52	Ms.S.Kalaivani	Star Shaped Penta-Frequency Microstrip Radiating Element Design for X, C Band and Satellite communication	2022 6th International Conference on Trends in Electronics and Informations
53	Mr.Franklin Tefler	Based on Internet of Things Tracking of Hand Hygiene and Practices	Proceedings of Second International Conference in Mechanical and Energy Technology. Smart Innovation, Systems and Technologies,
54	Ganesh Babu R, Balaji A.	Smartphone-based electrochemical sensor for assessing COVID-19 infected patients	International Journal of Pervasive Computing and Communications
55	A.Balaji, J.Karthi, V.Chinnammal, C.Malarvizhi, S.Vanaja	A Unique Technique to Improve the Performance of Antipodal Vivaldi Antenna for Microwave Imaging Application	IOP Conf. Series: Materials Science and Engineering
56	Mr. G. Kalyan Kumar	A Robust Framework for Glaucoma Detection and Segmentation of Real Time Fundus Images using Hybrid ASCL Model	International Conference on Automation, Computing and Renewable Systems (ICACRS)
57	Mr. G. Kalyan Kumar	Integration of Microgrid with Power for Supplying Quality Power of High Reliability and Efficiency	2022 6th International Conference on Electronics, Communication and Aerospace Technology. IEEE
58	Mr. G. Kalyan Kumar	Real-Time Sidewalk Crack Identification and Classification based on Convolutional neural network	International Conference on Automation, Computing and Renewable Systems (ICACRS)
59	Dr. M. Chitra	Recognition of Emotions Through Speech Using Machine Learning Techniques.	Journal Of Northeastern University

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S. No.	Name of the author/s	Title of paper	Name of journal
1	Dr. S. Ashok Kumar	Development of CPW Fed Slot Antenna with CSRR for Biomedical Applications	Journal of circuits, systems and computers

2	Dr.G.Nirmala Priya	Squirrel Henry Gas Solubility Optimization driven Deep Maxout Network with multi-texture feature descriptors for digital image forgery detection	Concurrency and Computation: Practice and Experience Wiley
3	Dr.C.Ganesh	An Energy Management Strategy in Hybrid Electric Vehicles: The Present and The Future Scenario	2nd International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation, ICAECA 2023
4	Ganesh C , Nagarajan D, Shanmugasundaram R, Mayurappriyan P S, Mohamed Iqbal M	An Effective Controller Design Strategy for Higher Order Systems	Journal of Vibration and Control
5	Shanmugasundaram R, Ganesh C , Mohamed Iqbal M, Gunapriya B, Tamilselvi. P	Performance Analysis of SOC Estimation Approaches for Lithium-Ion Batteries	Springer Lecture Notes in Network Systems
6	Dr. C. Ganesh	Designing Compensators for Reduced Order Systems Using Genetic Algorithms	In book: Power Engineering and Intelligent Systems (pp.379-389)
7	Dr. C. Ganesh	A brief review on control strategies for hydrostatic transmission-based wind turbines	In book: Next-Generation Cyber-Physical Microgrid Systems (pp.77-89)
8	Dr. M. Malathi	Oral Cancer Prediction Using a Probability Neural Network (PNN)	Asian pacific journal of cancer prevention
9	Dr. S. Manjula	Utilising a Machine Learning Model with Feature Selection from the Salp Swarm Algorithm for Automated Spam Detection	2023 International Conference on Data Science, Agents & Artificial Intelligence (ICDSAAI) IEEE
10	Dr.I.Chandra	Design and Analysis of microstrip patch antenna with SRR on modified and defected ground structures for UWB applications	Materials Today Proceedings
11	Dr.I.Chandra	Hybrid precoding algorithm for massive MIMO system with imperfect channel knowledge	Materials Today Proceedings
12	Dr. I. Chandra	An Intelligent Light Assisted Wireless Vehicle Communications using Visible Light Communication	2023 International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI)
13	Dr.T.Rajendran	A Study on Block chain Technologies for Security and Privacy Applications in a Network	SSRG International Journal of Electronics and Communication Engineering
14	Dr. P. Sathish kumar	Ultra Wide-Band Systems With Ensembles Of Classifiers Based Latent Graph Predictor Fm For Optimal Resource Prediction	ICTACT JOURNAL ON COMMUNICATION TECHNOLOGY
15	Dr.T.Rajendran	A Deep Learning Based Methodological Analysis for Breast Cancer Classification	SSRG International Journal of Electronics and Communication Engineering
16	Dr.R.Sanmugasundaram	A Novel Multiband Antenna with Parasitic Element for Diverse Wireless Applications	International Journal of Intelligent Systems and Applications in Engineering

17	Dr.E.Sivanantham	Satellite image detection and classification using hybrid segmentation and feature extraction with enhanced probabilistic neural network	Earth Science Informatics
18	Dr. M. Chitra	Likelihood Loom to Secure Focal Point with Dynamic Input and Brawny Output	Migration Letters
19	Dr.M.Chitra	Circular Economy Based Multi-Objective Decentralized Controller for Activated Sludge Waste Water Treatment Plant	Frontiers in Chemical Engineering
20	Dr. M. Chitra	Efficiency Enhancement through Optimization on Sequence Path Defining and Temporal Streamlining of Coupled Networks	Migration Letters
21	Dr.M.Chitra	A Novel Masked Facial Recognition System Using CNN	Proceedings of the 2nd International Conference on Edge Computing and Applications, ICECAA 2023
22	Dr.M.Chitra	Task offloading and trajectory control techniques in unmanned aerial vehicles with Internet of Things – An exhaustive review	The Scientific Temper
23	Dr.M.Chitra	Development of an Instrumented Glove for the Characterization of Human Wrist Tremor	International conference of Electronics, Communication and Aerospace Technology (ICECA)
24	Ms.S.Sheela	Enhancing accessibility: object detection and optical character recognition for empowering visually impaired individuals	IET Digital Library
25	Mr.G.Kalyan Kumar	Using Artificial Intelligence (AI) and Internet of Things (IoT) for Improving Network Security by Hybrid Cryptography Approach	Evergreen
26	Mr. A. Balaji	Robust Attack Identification Strategy to Prevent Document Image Forgeries by using Enhanced Learning Methodology	International Conference on Research Methodologies in Knowledge Management, Artificial Intelligence and Telecommunication Engineering
27	Mr.A.Balaji	Novel Dielectric Resonator Antenna Design for Identifying Bosom Malignant Disease	Proceedings of the 2023 2nd International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2023
28	Mr. A. Balaji	An Experiment to Develop an Enhanced Medical Image Security by using Deep Learning Assisted Crypto Policy	2023 International Conference on Research Methodologies in Knowledge Management, Artificial Intelligence and Telecommunication Engineering (RMKMATE)
29	Ms.C.Malarvizhi	Design of Inset Fed Z Slot Compact Microstrip Patch Antenna for IoT in Health Care Application	Proceedings of the 2023 2nd International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2023

30	Ms.C.Malarvizhi	Smart Blind Assistant using Deep Learning for the Visually Impaired Users	Proceedings of the 2023 2nd International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2023
31	Ms. V. Chinnammal	Secured Data Access and Control Abilities Management over Cloud Environment using Novel Cryptographic Principles	2023 International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI)
32	Ms. V. Chinnammal	LiFi: A Visible Light Communication Assisted Fishermen Tracking System using GPS	2023 International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI)
33	Mr. Manimaran	Wireless mobile charging for smart electrical bus	2023 Eighth International Conference on Science Technology Engineering and Mathematics (ICONSTEM). IEEE
34	Mr. Manimaran	Handwritten Character Recognition Using Directed Acyclic Graph	Eighth International Conference on Science Technology Engineering and Mathematics (ICONSTEM)
35	Mr.B. Manimaran	Reconfigurable Computer Architecture for Signal Processing Applications	2023 Intelligent Computing and Control for Engineering and Business Systems (ICCEBS) IEEE
36	Mr.B. Manimaran	FPGA Implementation of Image Registration Using Accelerated CNN	2023 Intelligent Computing and Control for Engineering and Business Systems (ICCEBS) IEEE
37	Mr. Bharath	Fault Identification in Modified Hybrid Digital Pulse Width Modulation using Triple Modular Redundancy	WSEAS Transactions on Circuits and Systems
38	Mr. B. Manimaran	Hysteresis controlled single phase-VIENNA rectifier fed DC drive system with enhanced response	International Journal of Engineering Systems Modelling and Simulation
39	Ms. A. Vanathi	IoT Controlled Device to Manage the EMG Signals of the Patient and Alert in Real Time	2023 Second International Conference On Smart Technologies For Smart Nation (SmartTechCon)
40	Ms. A. Vanathi	Wireless Sensor Networks for Disaster Management and Emergency Response using SVM Classifier	2023 Second International Conference On Smart Technologies For Smart Nation (SmartTechCon)
41	Ms. A. Vanathi	NSER: Development of Novel Speech based Emotion Recognition System by using Hybrid Learning Technique	2023 International Conference on Research Methodologies in Knowledge Management, Artificial Intelligence and Telecommunication Engineering (RMKMATE)
42	Ms. A. Vanathi	Digitization and electronic translation of Brahmi stone inscriptions	AIP Conference Proceedings
43	Aruna Jayashree R	Creating a Cost-Effective Network of Operational Resources for Wireless Networks	AIP Conference Proceedings

