



SRI KRISHNA COLLEGE OF TECHNOLOGY
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KOVAIPUDUR, COIMBATORE 641042



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
JOURNAL PUBLICATIONS
ACADEMIC YEAR : 2023-2024 (ODD SEMESTER)

S.No	Name of the Author(s)	Title of the Paper	Name of the Journal	Month and Year of publication	ISSN
1.	Mr.G.Santhakumar	Performance analysis of a novel hybrid deep learning approach in classification of quality-related English text	Measurement: Sensors	Jun-23	2665-9174
2.	Dr. P. Jayarajan	Protected and Energy-Efficient E-Healthcare System Based on Internet of Healthcare Services	Journal of Circuits, Systems and Computers	Aug-23	1793-6454
3.	Dr. Senthil Kumar C	Feature Analysis and Classification of Maize Crop diseases employing AlexNet-Inception Network	Multimedia Tools and Applications	Aug-23	1380 7501
4.	Mr.G.Santhakumar	Rectangular Slot Antenna Array for Dual Band Medical Applications	International Journal on Communications Antenna and Propagation (I.Re.C.A.P.)	Aug-23	2039 – 5086
5.	Mr.M.Navin Kumar	Cluster based test vector re-ordering for reduced power dissipation in digital circuits	AUTOMATIKA	Aug-23	1848-3380
6.	Dr.K.Muthulakshmi	Management Of Flood And Separating Damage From Environmental Effects Using Bayesian Convolutional Neural Network	Global Nest Journal	Sep-23	17907632
7.	Mr.G.Santhakumar	Utilizing Deep Convolutional Neural Networks and Non-Negative Matrix Factorization for Multi-Modal	International Journal of Advanced Computer Science and Applications	Sep-23	2156-5570

		Image Fusion			
8.	Ms.N.Kirthika	TTS system for deafened and vocally impaired persons in native language	Journal of Intelligent & Fuzzy Systems	Sep-23	1064-1246
9.	Dr.M.Thillai Rani	Detection of Water Content in Biological Tissues Using a He-Ne Laser and a One-dimensional (1-D) Photonic Waveguide	Lasers in Engineering	Oct-23	1029029X, 08981507
10.	Dr.P.Rajasekar	Firefly Optimized Resource Control and Routing Stability in MANET	Engineering Proceedings	Dec-23	2673-4591
11.	Dr.K.Muthulakshmi	A Photovoltaic (PV)-Wind Hybrid Energy System Using an Improved Deep Neural Network (IDNN)-Based Voltage Source Controller for a Microgrid Environment	Journal of Engineering Proceedings	Dec-23	2673-4591



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1.	K.Muthulakshmi	Wireless sensor-based authentication of biometrics system for	Neuro Quantology	August 2022	1303-5150
2.	K.Muthulakshmi	WSN-based cryptography techniques to avoid misuse of the patient reports communication between patient and hospital	Neuro Quantology	August 2022	1303-5150
3.	R.R.Thirrunavukkarasu	Shannon entropy Morlet wavelet Transform (SEMWT) and Kernel Weight Convolutional Neural Network (KWCNN) classifier for arrhythmia in electrocardiogram recordings	Biomedical Signal Processing and Control	September 2022	1746-8094
4.	K.Srinivasan	Ultra-high negative dispersion compensating circular-shaped PCF with highly birefringent and nonlinear characteristics for optical applications	Springer-Optical and Quantum Electronics	October 2022	3068919

5.	G.Shanthi	Intrusion detection framework using auto-metric graph neural network optimized with hybrid woodpecker mating and capuchin search optimization algorithm in IoT network	Concurrency and Computation Practice and Experience	October 2022	1532-0634
6.	B.Vidhya	IoT Based Threat Detection and Location Tracking for Women Safety	IEEE Xplore	October 2022	-
7.	P. Jayarajan	Mitigation of E2E Delay in LF-IEHM Routing Protocol for Underwater Acoustic Wireless Sensor Networks.	Adhoc& Sensor Wireless Networks	November 2022	15519899
8.	B.Vidhya	Automatic Number Plate Detection using Deep Learning	IEEE Xplore	December 2022	-
9.	G.Shanthi	Analysis of weather monitoring system integrated with renewable energy using IoT Technology	IEEE Xplore	December 2022	-
10.	M.Thillairani	A Novel Hybridclustering Model Forwireless Sensor Networks	IEEE Xplore	January 2023	-
11.	G.Santhakumar	STUDY ON RECRUITMENT FUNCTION IN INFORMATION TECHNOLOGY;EMPHASIS ON THE ROLE OF IT SECTOR	Journal of Clinical Otorhinolaryngology, Head, and Neck Surgery	February 2023	1001-1781
12.	G.Santhakumar	Oscillation of Nonlinear Neutral Delay Difference Equations of Fourth Order	Mathematics	March 2023	2227-7390
13.	J.S.Sujin	High-Performance Image Forgerty Detection via Adaptive	Soft Computing	April 2023	1432-

		SIFT Feature Extraction for Low-Contrast or Small or Smooth Copy Move Region Images			7643
14.	G.Shanthi	Traffic Assistance and Control System-An RFID Approach	IEEE Xplore	April 2023	-
15.	B.Vidhya	Design and Implementation of Solar Powered Smart Irrigation Using IoT	IEEE Xplore	April 2023	-
16.	K.Muthulakshmi	Classification of DDoS in Software-Defined IoT Networks using Hybrid Feature Selection Technique with DL	IEEE Xplore	April 2023	-
17.	P.Jayarajan	An Effective Network Communication algorithm for Dynamic Handover	IEEE Xplore	April 2023	-