K.L.N. College of Engineering, Pottapalayam

Department of Computer Science and Engineering

Faculty Publications

Journals 2022- 2023

S. No.	Authors	Title of the paper	Name of the Journal	National/ International	Volume, issue, month & year of publication	ISBN/ ISSN Number
1	Dr.S.Miruna Joe Amali	Bipolar Fuzzy PROMETHEE-based Decision-Making Trust Model for guaranteeing data dissemination reliability of in Internet Things	International Journal of Communication System	International	Vol.35,issue 17,August 2022	ISSN:e5323
2	Dr.R.Karthick	An Efficient Control Strategy for an Extended Switched Coupled Inductor Quasi-Z-Source Inverter for 3Φ Grid Connected System	Journal of Circuits, Systems, and Computers	International	Vol. 32, No. 10, July 2023	ISSN:0218-1266
3	Dr.R.Karthick	Deep Convolutional Spiking Neural Network optimized with Arithmetic optimization algorithm for lung disease detection using chestX-rayimages	International Journal of Biomedical signal Processing and control	International	Vol.79,January 2023	ISSN:1746-8094
4.	Mr.D.Prabhu	Multiple agent based reinforcement learning for energy efficient routing in WSN	Wireless Networks Springer	International	Vol.29,January 2023	ISSN:1787-1797
5	Dr.S.Miruna Joe Amali	Multiple agent based reinforcement learning for energy efficient routing in WSN	Wireless Networks Springer	International	Vol.29,January 2023	ISSN:1787-1797
6	Dr.S.Miruna Joe Amali	A Steganography embedding method based on CDF-DWT technique for data hiding application using Elgamal algorithm	International Journal of Bio medical signal Processing and control	International	Vol.80,part 1,February 2023	ISSN:104212

7	Dr.R.Karthick	Dual-Channel Capsule Generative Adversarial Network Optimized with Golden Eagle Optimization for Pediatric Bone Age Assessment from Hand X-Ray Image	International Journal of Pattern Recognition and Arti¯cial Intelligence	International	Vol. 37, Issue 02 February 2023	ISSN:2354001 (21 pages)
8	Dr.S.Miruna Joe Amali	Secure and low PAPR OFDM system using TCCM	Annals of Telecommunications	International	https://doi.org/10.1007/s12243-023-00948-9 February,2023	eISSN 1958-9395
9	Dr.S.Miruna Joe Amali	Automated linux malware analysis system using sandbox	Gis science journal	International	Volume 10, Issue 4, April 2023	ISSN NO : 1869-9391
10	Mr. J. SulthanAlikhan	Dingo optimization based network bandwidth selection to reduce processing time during data upload and access from cloud by user	Telecommunication Systems	International	Volume 83 Issue 2,May 2023	ISSN:189–208
11	Dr.S.Miruna Joe Amali	Dingo optimization based network bandwidth selection to reduce processing time during data upload and access from cloud by user	Telecommunication Systems	International	Volume 83 Issue 2, May 2023	ISSN:189–208
12	Dr.R.Karthick	An Optimal Partitioning and Floor Planning for VLSI Circuit Design Based on a Hybrid Bio-Inspired Whale Optimization and Adaptive Bird Swarm Optimization (WO-ABSO) Algorithm∗	Journal of Circuits, Systems, and Computers	International	Vol. 32, No. 16,May 2023	ISSN:0218-1266
13	Mr. J. SulthanAlikhan	Self-attention convolutional neural network optimized with season optimization algorithm Espoused Chronic Kidney Diseases Diagnosis in Big Data System	Biomedical Signal Processing and Control	International	Volume 85, August 2023, 105011	Progress
14	Dr.S.Miruna Joe Amali	Self-attention convolutional neural network optimized with season optimization algorithm Espoused Chronic Kidney Diseases Diagnosis in Big Data System	Biomedical Signal Processing and Control	International	Volume 85, August 2023, 105011	Progress

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Conference 2022- 2023

S. No.	Authors	Title of the paper	Date and Venue/Institution	Name of the conference	National/International	ISBN number
1	Mrs.S.Venkata Lakshmi	Innovative Approach to Digital Engineering in Aero space and Defence Industries	Dec 16-18,2022/Hotel Le Royal Meredian,Chennai	37th Indian Engineering Congress	National	-
2	Mrs.S.Venkata Lakshmi	Symptom based prognosis using Deep Learning	April 19-20,2023/Hindusthan Institute of technology,Coimbatore	Emerging Trends in Engineering Science & Technology"ETEST-23"	National	-
3	Mrs.S.Venkata Lakshmi	Human Computer Interactions with AI Models and Future Trends of HCI – A Study	22-23 May 2023 ,Gnanamani College of Technology, Namakkal	7th International Conference on Inventive Communication and computatinal technologies	International	-
4	Mrs.S.Venkata Lakshmi	Human–Computer Interactions with Artificial Intelligence and Future Trends of HCI—A Study	27th May , ICICCT 2023, held in Tamil Nadu, India	International Conference on Information, Communication and Computing Technology	International	LNNS, volume 75