



KONGUNADU COLLEGE OF ENGINEERING AND TECHNOLOGY

(AUTONOMOUS)

NAMAKKAL- TRICHY MAIN ROAD, THOTTIAM, TRICHY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ACADEMIC YEAR 2021-2022

FACULTY PUBLICATIONS - International / National Journals

SL. NO	DETAILS
1.	R. S. Mohana, K. Rajathi, K. Kousalya, & T. Yuvaraja 2022, 'Text sentiment analysis on E-shopping product reviews using chaotic coyote optimized deep belief network approach' Concurrency and Computation: Practice and Experience, https://doi.org/10.1002/cpe.7039
2.	Sandhya. U, K Naresh Kumar, Saranya A P, N. Jayapal & Dr. S.Kumarganesh 2022, 'Brain tumor detection and classification with DGMM – RBCNN technique' International Journal of Health Sciences, https://doi.org/10.53730/ijhs.v6nS1.6911
3.	D. Karthikeyan, V. Mohan Raj, J. Senthilkumar & Y. Suresh 2022, 'Intrusion Detection Using Ensemble Wrapper Filter Based Feature Selection with Stacking Model, Intelligent Automation & Soft Computing, Vol.35, No.1, 2023, pp.645-659 DOI:10.32604/iasc.2023.027039
4.	Elayaraja, S. Kumarganesh, K. Martin Sagayam, Hien Dang & Marc Pomplun, 2022, 'An efficient approach for detection and classification of cancer regions in cervical images using optimization based CNN classification approach' Journal of Intelligent and Fuzzy Systems, DOI:10.3233/JIFS-212871
5.	Jeyalakshmi Chelliah , Manjunathan Alagarsamy , Karthikram Anbalagan , Dineshkumar Thangaraju , Edwin Santhkumar Wesley & Kannadhasan Suriyan 2022, 'Automatic wireless health instructor for schools and colleges' Bulletin of Electrical Engineering and Informatics, Vol. 11, Issue. 1, pp. 278-285
6.	Meenal Thayumanavan & Asokan Ramasamy 2022, 'Recurrent Neural Network Deep Learning Techniques for Brain Tumor Segmentation and Classification of Magnetic Resonance Imaging Images', Journal of Medical Imaging and Health Informatics, Volume 12, Number 3, pp. 247-254(8)
7.	Roselin Suganthi Jesudoss, Rajeswari Kaleeswaran, Manjunathan Alagarsamy, Dineshkumar Thangaraju, Dinesh Paramathi Mani & Kannadhasan Suriyan 2022, 'Comparative study of BER With NOMA system in different fading channels', Bulletin of Electrical Engineering and Informatics, Vol. 11, Issue. 2, pp. 854-861
8.	Preethi P, Asokan R, Thillaiarasu N & Saravanan T 2021, 'An effective digit recognition model using enhanced convolutional neural network based chaotic grey wolf optimization' Journal of Intelligent & Fuzzy Systems, 41, no. 2, pp. 3727-3737
9.	R. Nithya, K. Amudha, A. Syed Musthafa, Dilip Kumar Sharma, Edwin Hernan Ramirez-Asis, Priya Velayutham, V. Subramaniaswamy & Sudhakar Sengan 2021, 'An Optimized Fuzzy Based Ant Colony Algorithm for 5G-MANET' CMC-Computers, Materials & Continua, Vol.70, No.1, pp.1069-1087



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10.	S. Sreethar , N. Nandhagopal, S. Anbu Karuppusamy & M. Dharmalingam 2021, 'A Group Teaching Optimization Algorithm for Priority-Based Resource Allocation in Wireless Networks', Wireless Personal Communications, https://doi.org/10.1007/s11277-021-09249-7
11.	Rajamanikandan T, Banumathi S & Asokan R 2021, 'Performance Analysis Of Electrical Properties Of Resin Transfer Molded Banana Leaf Reinforced Polymer Composites', Journal of University of Shanghai for Science and Technology, vol.23, Issue.10, pp.179-194
12.	Rajamanikandan T, Banumathi S & Asokan R 2021, 'Investigation of the Dielectric Characteristics of Banana Residue-Reinforced Epoxy Resin', International Journal of Electrochemical Science, DOI: 10.20964/2021.12.20vol.16, Article ID: 21124
13.	Nirmaladevi Periyasamy & Asokan Ramasamy 2021, 'Interscale adaptive threshold wavelet filter for ultrasound image despeckling' International Journal of Biomedical Engineering and Technology, Vol. 36, No. 3, pp 293-310
14.	Sreethar S, Nandhagopal N, Anbu Karuppusamy S & Dharmalingam M 2021, 'SARC: Search and rescue optimization-based coding scheme for channel fault tolerance in wireless networks' Springer-Wireless Networks, PP. 3915–3926, https://doi.org/10.1007/s11276-021-02702-2
15.	Puviarasi R, Dineshkumar T, Suresh Babu V & Pachaivannan Partheeban 2021, 'Design and Development of Smart Portable System for Underground Pipeline Leakage Monitoring Based on IoT' Journal of Physics: Conference Series IOP Publishing.
16.	Dineshkumar T, Suresh Babu V, Pachaivannan Partheeban & Puviarasi R 2021, 'Air Quality Monitoring System Based on IoT' Journal of Physics: Conference Series IOP Publishing.
17.	Malarvizhi C, Brenda M, Baskar S & Joselin Jeya Sheela J 2021, 'Design and Optimization of CPW-Fed Bow-Tie Slot Patch Antenna' Journal of Physics: Conference Series IOP Publishing.
18.	Meenal Thayumanavan & Asokan Ramasamy 2021, 'An efficient approach for brain tumor detection and segmentation in MR brain images using random forest classifier', Concurrent Engineering, https://doi.org/10.1177/1063293X211010542
19.	Asokan R & Vijayakumar T 2022, 'IoT based Pose detection of patients in Rehabilitation Centre by PoseNet Estimation Control', Journal of Innovative Image Processing, Volume – 4, Issue - 2 pp 61-71 DOI: 10.36548/jiip.2022.2.001
20.	Umarani B, Sathiyaraja, K, Aathi Kesavan E, Gowsika P & Geethanjali R 2022, 'Gallbladder region Extraction from Abdominal CT Image using segmentation techniques', International Journal of Research in Engineering and Science, Vol.10, Issue.6, pp.926-931