KUMARAGURU COLLEGE OF TECHNOLOGY
NAAC (National Assessment and Accreditation Council) A++ GRADE

Department of Electronics and Communication Engineering

Journal Publication

Academic Year 2022-2023

Sl.No.	Title of the Paper
1.	Sathyamangalam-Natarajan, S., Shanmugam, A., Hemanth-Duraisamy, J., Rajaguru, H.. (2022). Prediction of cardiac arrhythmia using multi class classifiers by incorporating wavelet transform based features. DYNA, 97(4). 418-424. DOI: https://doi.org/10.6036/10458
2.	Poongodi, J., Kavitha, K., & Sathish, S. (2022, August 10). Healthcare Internet of Things (HIoT) data security enhancement using blockchain technology. Journal of Intelligent & Fuzzy Systems, 43(4), 5063–5073. https://doi.org/10.3233/jifs-220797
3.	Darwin, R., Sampath,(2022) P. Sub-6 GHz band massive MIMO antenna system for variable deployment scenarios in 5G base stations. Microsyst Technol 28, 2047–2059 (2022). https://doi.org/10.1007/s00542-022-05344-2
4.	S. Sasikala, S. Arun Kumar & M. Ezhilarasi (2022) Improved breast cancer detection using fusion of bimodal sonographic features through binary firefly algorithm, The Imaging Science Journal, 70:3, 194-206, DOI: 10.1080/13682199.2023.2164944
5.	Sathish, S., Kavitha, K., & Poongodi, J. (2023, January 30). An energy efficient Dantzig Wolfe Decomposition based parallel optimization for software-defined industrial IoT. Journal of Intelligent & Fuzzy Systems, 44(2), 2441–2454. https://doi.org/10.3233/jifs-221776
6.	Sasikala, S; Ezhilarasi; Arunkumar, S. Feature selection algorithm based on binary BAT algorithm and optimum path forest classifier for breast cancer detection using both echographic and elastographic mode ultrasound images. Journal of Cancer Research and Therapeutics 19(2):p 191-197, Jan–Mar 2023. | DOI: 10.4103/jcrt.JCRT_324_19
7.	Karthika, K & Kavitha, K 2023 'Design and development of parasitic elements loaded quadband frequency and pattern reconfigurable antenna', International Journal of RF and Microwave Computer-Aided Engineering, vol. 2023, pp. 1-10, DOI: 10.1155/2023/4034241
8.	Timothy D Paul , Vimalathithan Rathinasabapathy. (2022). EvaluationOf LoRaWAN In A Highly Dense Environment With Design Of Common Automated Metering Platform (CAMP) Based On LoRaWAN Protocol. KSII Transactions on Internet and Information Systems, 16, 5, (2022), 1540-1560. DOI: 10.3837/tiis.2022.05.007.
9.	VP Ajay, M Nesasudha (2022) Detection of Attackers in Cognitive Radio Network Using Optimized Neural Networks, Intelligent Automation & Soft Computing, http://dx.doi.org/10.32604/iasc.2022.024839
10.	C Soundarya, A Kalaiselvi, J Surya, Brain Tumor Detection using Transfer Learning. Journal of Signal Processing, 9, 1, 2023, pp. 33-42, https://doi.org/10.46610/JOSP.2023.v09i01.004
11.	A Kalaiselvi, S Sajina, S Nithish, M Sowmiya, Implementation of SOBEL Edge detection. International Research Journal of Modernization in Engineering Technology and Science,5, 3, 2023, pp. 701-711, DOI : https://www.doi.org/10.56726/IRJMETS34221
12.	Praba R, Dhivya & Kaviprasath, & David, Antony. (2023). Pulse electric field for food preservation ,International Research Journal of Modernization in Engineering Technology and Science ,Volume:05/Issue:03/March-2023,DOI : https://www.doi.org/10.56726/IRJMETS34441

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