



KUMARAGURU COLLEGE OF TECHNOLOGY

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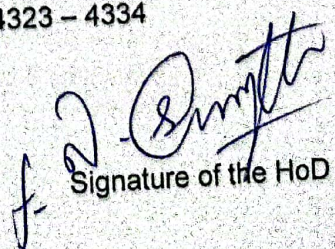
Department of Computer Science and Engineering

List of Papers Published AY 2022-2023

1. Devaki, P., Lokesh Kumar, R., Muthukumar, S., Kritya Shree, S., Sentiment Analysis and Recommendation of Book Reviews, 2022 IEEE 3rd Global Conference for Advancement in Technology, GCAT 2022, ISBN 978-166546853-4, DOI 10.1109/GCAT55367.2022.9971996(IEEE Scopus)
2. Dr. J. Cynthia, G. Adithya, Raajakishore R, Amudhan S M, (2022),"Literature Survey On Certificate Authenticity Verification Solutions Using Blockchain Technology", International Journal for Science and Advance Research In Technology, 8(6),pp:835-838. (Journal)
3. M. N. Saroja and K. R. Baskaran (2022), " Algorithm for Optimal Power Performance in Body Area Network in Smart Wearable Patches for Environmental Applications ", Journal of Environmental Protection and Ecology 23, No 6, pp.2580–2588.(SCIE& Scopus)
4. Baskaran, K. R. ,Sathyavathi, S., (2023). An Intelligent Human Age Prediction from Face Image Framework Based on Deep Learning Algorithms. Information Technology and Control, 52(1), pp:245-257. <https://doi.org/10.5755/j01.itc.52.1.32323>(SCIE, Scopus)
5. Baskaran Kuttva Rajendran, Kavitha Sundarajan, Dhanapriya Balasubramanian (2023), "Fusion of Ensembled UNET and Ensembled FPN for Semantic Segmentation", Traitement du Signal, Vol. 40, No. 1, February 2023, pp. 297-307. (SCIE, Scopus)
6. Dr.K.R.Baskaran ,Swathi Subramaniam, Jai Shiddharth Essaki, Jayant Shankar, (2023), "Integrating Multi-Modal Features of ECG and PCG to Predict Heart Diseases", International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), Volume 12, Issue 4, pp.3629-3636.(Journal)
7. Baskaran, K.R., Sathyavathi, S., Human Age Estimation Using Deep Convolutional Neural Network based on Dental Images (Orthopantomogram),IETE Journal of Research, <https://doi.org/10.1080/03772063.2023.2165177> (SCIE, Scopus)
8. Latha,Palaniswamy, Thangam ,Parimanam, Kavitha, Parimanam K.Lakshmanan, Hybrid optimization based learning technique for multi-disease analytics from healthcare big data using optimal pre-processing, clustering and classifier, Concurrency and Computation: Practice and Experience, Aug 2022, ISSN 15320626, DOI 10.1002/cpe.6986(SCIE, Scopus)
9. Latha I, Palanisawmy Thangam ,Kavitha P, Sophisticated methods for noise filtering, subgroup discovery, and classification in big data analysis, Journal of Intelligent and Fuzzy Systems, Volume 43, Issue 6 ISSN 10641246, DOI 10.3233/JIFS-220171(SCIE, Scopus)(SCIE)

10. N. Suganthi and G. Prema Arokia Mary, "Detection of Parkinson's disease with multiple feature extraction models and darknet cnn classification," Computer Systems Science and Engineering, vol. 43, no.1, pp. 333–345, 2022 (Elsevier Solutions Scopus)
11. Sumathi, V. P., Geethakarthis, A., Santhiya, B., (2022). Household Carbon footprint Assessment across an Urban Area, Tirunelveli of India. Ambient Science, 09(3), 42-46, DOI:10.21276/ambi.2022.09.3.ta03.(Journal)
12. C. Bharathipriya, M. D. Manigandan, G. Sudha, V. A. Velvizhi, Jeya Prakash, Kadambarajan, and V. Sasikala, (2022), "EEG based epileptic seizure detection methods", AIP Conference Proceedings 2518. <https://doi.org/10.1063/5.0103536>. (Scopus (Elsevier))
13. Bharathi Priya C, Siddique Ibrahim S P, Selva Kumar S and Vinoth Kumar S, "Non Small Cell Lung Cancer Diagnosis Using kNN and Logistic Regression", ICCCNT 2023(scopus)
14. Nithya Roopa S, Vetri P, Mohamed Razeen k, Kavin R, Automatic Number Plate recognition system using deep learning, IJSART Volume 8 Issue 6- June 2022(Journal)
15. Senthilkumar, V., Saranya, P., Jayashree, N, Advancement of Cost-Effective Vein Analyzer for Healthcare Applications, 6th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2022, ISBN 978-166548271-4, DOI 10.1109/ICECA55336.2022.10009236
16. Kanagaraj, G. Subashini, G. (2023). Uniform distribution elephant herding optimization (UDEHO) based virtual machine consolidation for energy-efficient cloud data centres. Automatika, 64(3), 529-539, DOI: 10.1080/00051144.2023.2196116.(IEEE Scopus)
17. N. Jeba, S. Rathi, "Attention-Based Multiscale Spatiotemporal Network for Traffic Forecast with Fusion of External Factors", 2022, ISPRS International Journal of Geo-Information, vol. 11, no. 12, pp. 619.(Scopus-Elsevier, SCIE)
18. Saranya, K., Deena Dhayalan, S., Prasanth, R., Sathish, M., "Agriculture Based Recommendation System with Image Processing", 2022 International Conference on Communication, Computing and Internet of Things, IC3IoT 2022.(IEEE Scopus)
19. Saranya, K., Jayanthi, S., "Simultaneous Detection and Analysis of Multi-Source Data in Prediction of Human Emotion" 2021 International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation, ICAECA 2021. (IEEE Scopus)
20. Saranya K, Jayanthi S, "An Efficient AP-ANN-Based Multimethod Fusion Model to Detect Stress through EEG Signal Analysis", Computational Intelligence and Neuroscience, vol. 2022, Article ID 7672297, 18 pages, 2022. <https://doi.org/10.1155/2022/7672297> (Scopus)
21. Apinaya Prethi, K.N., Sangeetha, M., and Nithya, S. Optimized Scheduling with Prioritization to Enhance Network Sustainability in Edge-cloud Environment. Journal of Intelligent and Fuzzy Systems Volume 44, Issue 3, Pages 4323 - 4334 1 Jan. 2023 : 4323 – 4334(SCIE, Scopus)(SCI)
22. Nithya, S., Apinaya Prethi, K.N., Sangeetha, M., Optimized Scheduling with Prioritization to Enhance Network Sustainability in Edge-cloud Environment. Journal of Intelligent and Fuzzy Systems Volume 44, Issue 3, Pages 4323 - 4334 1 Jan. 2023 : 4323 – 4334


Department Research Coordinator


Signature of the HoD