



Department of Computer Science and Engineering

Academic Year: 2023-2024

Journal Publication List

- G.Shenbagalakshmi, A.Shenbagarajan, S.Thavasi,**M.Gomathy Nayagam** and R.Venkatesh, “ Determination of Water Quality indicator using deep hierarchical cluster analysis”, Journal of Urban Climate, vol.49, 2023. <https://doi.org/10.1016/j.uclim.2023.101468> (SCIE).
- N. Arivazhagan, K. Somasundaram ,D. Vijendra Babu, **M. Gomathy Nayagam**, R. M. Bommi, Gouse Baig Mohammad, Puranam Revanth Kumar, Yuvaraj Natarajan, V. J. Arulkarthick, V. K. Shanmuganathan, K. Srihari , M. Ragul Vignesh and Venkatesa Prabhu Sundramurthy, (2022) “Cloud-Internet of Health Things (IOHT) Task Scheduling Using Hybrid Moth Flame Optimization with Deep Neural Network Algorithm for E Healthcare Systems”, Scientific Programming, Vol. 2022, pp. 1-12, (IF: 1.45), <https://doi.org/10.1155/2022/4100352>. (SCIE Indexed).
- **Gomathy Nayagam M** and Ramar K, (2019), “Reliable Object Recognition system for cloud video data based on LDP features”,Computer Communications- Journal, Updated as on 31.05.2025 Elsevier- BV, Vol.149,pp.343-349. Impact factor: 2.766, DO: <https://doi.org/10.1016/j.comcom.2019.10.027>. (SCI)
- **S. Erana Veerappa Dinesh**, M. Gomathy Nayagam, K. Venkateshb, M. Suresh Thangakrishnan, “An Energy Efficient Computational Task Offloading and Resource Allocation For Mobile Edge Computing For Environmental Applications”, Journal of Environmental Protection and Ecology Vol.24, Issue. No. 6, pp.2183-2194, 2023 Vol.24, Issue. No. 6, pp.2183-2194, 2023.
- **Erana Veerappa Dinesh Subramaniam**, Kathiravan Srinivasan, Saeed Mian Qaisar, and Pawel Plawiak. 2023. "Interoperable IoMT Approach for Remote Diagnosis with Privacy – Preservation Perspective in Edge Systems" <https://doi.org/10.3390/s23177474>, Sensors, Vol.23, No. 17, Page No. 7474.
- **Erana Veerappa Dinesh Subramaniam**, Valarmathi Krishnasamy (2023), “Hybrid Optimal Ensemble SVM Forest Clasifier for Task Offloading in Mobile Cloud Computing”, <https://doi.org/10.1093/comjnl/bxad059>. The Computer Journal, Volume 67, Issue 4, April 2024, pp 1286–129
- **S.Erana Veerappa Dinesh** & Valarmathi K. (2020), “A Novel energy estimation model for constraint based task offloading in mobile cloud computing”, Journal of Ambient Intelligence and Humanized Computing, 11(11), pp.5477-5486.