

## Dr.D. Surendran

### Publications

1. Rohini, M., Surendran, D. Toward Alzheimer's disease classification through machine learning. *Soft Comput* (2020). <https://doi.org/10.1007/s00500-020-05292-x>
2. Hussain, D.M., Surendran, D. The efficient fast-response content-based image retrieval using spark and MapReduce model framework. *J Ambient Intell Human Comput* (2020). <https://doi.org/10.1007/s12652-020-01775-9>
3. Mansoor Hussain, D., Surendran, D. Content based image retrieval using bees algorithm and simulated annealing approach in medical big data applications. *Multimed Tools Appl* **79**, 3683–3698 (2020). <https://doi.org/10.1007/s11042-018-6708-8>
4. B, S , Doraiswamy, S . "Efficient virtual data center request embedding based on row-epitaxial and batched greedy algorithms" . *Turkish Journal of Electrical Engineering and Computer Science* 27 (2019 ): 780-794
5. Rohini, M., Surendran, D. Classification of Neurodegenerative Disease Stages using Ensemble Machine Learning Classifiers, *Procedia Computer Science*, Vol.165, Pages: 66-73,2019
6. D.Surendran, M.Rohinia, " BLE Bluetooth Beacon based Solution to Monitor Egress of Alzheimer's Disease Sufferers from Indoors" *Procedia Computer Science*, Volume 165, Pages :591-597, 2019.
7. D. Surendran, J. Janet, D. Prabha and E. Anisha, "A Study on devices for assisting Alzheimer patients," *2018 2nd International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) (I-SMAC)* *I-SMAC (IoT in Social, Mobile, Analytics and Cloud) (I-SMAC)*, 2018 2nd International Conference on, Palladam, India, 2018, pp. 620-625, doi: 10.1109/I-SMAC.2018.8653658
8. V. S. Vaisakhi, D. Surendran and T. Prabu, "Fault Tolerance in a Hardware Efficient Parallel FIR Filter," *2018 International Conference on Current Trends towards Converging Technologies (ICCTCT)*, Coimbatore, 2018, pp. 1-4, doi: 10.1109/ICCTCT.2018.8551118.
9. DM Hussain, D Surendran, AB Begum , "Feature Extraction in JPEG domain along with SVM for Content Based Image Retrieval" *International Journal of Engineering & Technology* 7 (2.19), 1- 6
10. S Kiruthika, D Surendran, "Smart Car Parking using Arduino and Android Application" *International Journal of Computer Science and Mobile Computing* 5 (2), 230-234