

List of Publications:

1. Paulraj M P, **Kamalraj Subramaniam**, Hema C R, “Classification of Hearing perception level using Auditory evoked potentials, *Jurnal Teknologi*, Vol 77:28, pp.73-78,2015
2. Shanthi, **Kamalraj S** ”Design of low complexity Fault Tolerant Parallel FFTS using partial summation” *International journal of applied engineering research*, Vol 4, pp.2955-2960,2016
3. Infant Augustine, **Kamalraj Subramaniam** “LPG consumption, monitoring and Booking system ” *International journal of applied engineering research*, Vol 4, pp.3993-3998,2016
4. Sampath, Muthuraman Ramaswamy, Kamalraj Subramaniam, ” Smart Supervisory Control for Optimized Power Management System of hybrid Micro-Grid”, *International journal of applied engineering research*, Vol 11, pp.3980-3986,2016
5. Ashwathappa.P, Kamalraj Subramaniam, Temporal Predictability Based Blind Source Separation– An Approach For Denoising EEG Signal, *Advances in natural and applied sciences*, Vol 10, pp.15-20, 2016
6. Kamalraj Subramaniam, Sridhar, Paulraj MP” Evoked Potentials Based Detection of Hearing Threshold Using PSO Neural Network, *Pakistan Journal of Biotechnology*, Vol 13, pp.357-361,2016
7. Roshini, Kamalraj Subramaniam, Magnetic Resonance Imaging: A systematic Review, *Pakistan Journal of Biotechnology*, Vol 154, pp 7, 2016
8. M. Ashwin, S. Kamalraj, Mubarakali Azath, Weighted Clustering Trust Model for Mobile Ad Hoc Networks, *Wireless Personal Communication*, Vol 94, pp.2203–2212, 2017 [SCI, IF: 2]
9. MS. Gowtham, Kamalraj Subramaniam, Power Aware Cross Layer Approach in Manets Using Advanced Congestion Control Approach, *Special Issue 18-Special Issue*, Vol 9, pp.1600-1615, 2017 [SCI, IF:1.6]
10. Nisheena V Iqbal, Kamalraj Subramaniam, A Review on Upper-Limb Myoelectric Prosthetic Control, *IETE Journal of Research* pp.1-13, 2017 [SCI, IF:1.15]
11. N Thamarai Kannan, Kamalraj Subramaniam, Improving Performance of MANET Using Optimized Energy Efficient Adaptive Weighted Clustering Protocol, *Special Issue 13-Special Issue* ,Vol 9,pp.618-624 ,2017
12. Kamalraj Subramaniam Renjith V Ravi, Image Compression and Encryption using

Optimized Wavelet Filter Bank and Chaotic Algorithm, *International Journal of Applied Engineering Research (IJAER)* ,Vol 12, pp.10595-10610,2017

13. M Ashwin, S Kamalraj, M Azath, Multi objective trust optimization for efficient communication in wireless M learning applications, *Cluster Computing, Springer US*, pp.1-9,2017 [SCI, IF:1.6]
14. Kamalraj S, Ashwin, Clustering with Trust optimization in Manet - A Survey, *Journal of advanced research in dynamical and control system, JARDCS* ,Vol 9,pp.1318 – 1333, 2017
15. Kamalraj Subramaniam, Renjith V Ravi, Optimized wavelet filters and modified Huffman Encoding based Compression and Chaotic encryption for Image data, *International Journal of Applied Engineering Research, Research India Publication*, Vol 12, pp.3961 – 3977, 2017
16. BS Divya, Kamalraj Subramaniam, HR Nanjundaswamy, Human epithelial type-2 cell categorization using hybrid descriptor with binary tree, *Journal of Ambient Intelligence and Humanized Computing*, pp.1-8 , 2018 [SCI, IF:1.5]
17. MS Gowtham, Kamalraj Subramaniam, Congestion control and packet recovery for cross layer approach in MANET, *Cluster Computing*, pp.1-8, 2018 [SCI, IF: 1.6]
18. Kamalraj Subramaniam, Nisheena V Iqbal, Classification of Fractal features of Uterine EMG Signal for the Prediction of Preterm Birth, *Biomedical and Pharmacology Journal*, pp. 369-374, 2018
19. Nisheena V Iqbal, Kamalraj Subramaniam, Wavelet Packet Entropy Based Control of Myoelectric Prosthesis, *Biomedical and Pharmacology Journal*,pp. 375-380,2018
20. Kamalraj Subramaniam, Nisheena V Iqbal, A review of significant researches on prediction of preterm birth using uterine electromyogram signal, *Future Generation Computer Systems*, 2018. [SCI, IF: 4.9]
21. Lakshmi R Nair, Kamalraj Subramaniam, An Effective Image Retrieval System Using Color, Luminance, Texture with Shape Invariants Features, *Special Issue 11-Special Issue*,pp. 1030-1047,2018.
22. P Shaniba Asmi, Kamalraj Subramaniam, Nisheena V Iqbal, Entropy Based Feature Extraction of Electrohysterogram Signal for the Prediction of Preterm Birth. *Indian Journal of Public Health Research & Development*,Vol 9 ,2018

23. Nisheena V Iqbal, Kamalraj Subramaniam, P Shaniba Asmi, Effective Control of Upper Limb Myoelectric Prosthesis, Indian Journal of Public Health Research & Development, Vol9, 2018.
24. KN Rejith, Kamalraj Subramaniam, Classification of Emotional States in Parkinson's Disease Patients using Machine Learning Algorithms, Biomedical and Pharmacology Journal, pp. 333-341, 2018.
25. KN Rejith, Kamalraj Subramaniam, Analysis of emotional states in parkinson's disease using entropy, Energy-Entropy and teager Energy-Entropy features, Indian Journal of Public Health Research & Development, pp. 1093-1098, 2018.
26. Balamanigandan Ramachandran, Kamalraj Subramaniam, Secure and efficient data forwarding in untrusted cloud environment, Cluster Computing, pp. 1-9, 2018. [SCI, IF: 1.6]
27. BS Divya, Kamalraj Subramaniam, HR Nanjundaswamy, Human Epithelial Type-2 Cell Image Classification Using an Artificial Neural Network with Hybrid Descriptors, *IETE Journal of Research* pp.1-13, 2018 [SCI, IF:1.5]
28. J Wilson, Kamalraj Subramaniam, Improved multi objective data transmission using conventional route selection algorithm in mobile ad hoc network, Peer-to-Peer Networking and Applications, DOI:10.1007/s12652-019-01237-x, 2019. [SCI, IF: 1.8]
29. M Ashwin, S Kamalraj, M Azath, Multi objective trust optimization for efficient communication in wireless M learning applications, Cluster Computing, 2019, [SCI, IF: 2.0]
30. Nisheena V Iqbal, Kamalraj Subramaniam, Robust feature sets for contraction level invariant control of upper limb myoelectric prosthesis, Biomedical Signal Processing and Control, 2019.
31. Balamanigandan Ramachandran, Kamalraj Subramaniam, Secure and efficient data forwarding in untrusted cloud environment, Cluster Computing, 2019.
32. Priyanka Parvathy, Kamalraj Subramaniam, Rapid speedup segment analysis based feature extraction for hand gesture recognition, Multimedia Tools and Applications, 2019.
33. N Thamaraikannan, S Kamalraj, Utilization of compact genetic algorithm for optimal shortest path selection to improve the throughput in mobile Ad-Hoc networks, Cluster

Computing, DOI:10.1007/s11042-019-7528-1, 2019.

34. Lakshmi R Nair, Kamalraj Subramaniam, GKD Prasanna Venkatesan, An effective image retrieval system using machine learning and fuzzy c-means clustering approach, IEEE Transactions on Consumer Electronics, ISSN:2249 – 8958, 2019.
35. A. Mohanarathinam, Kamalraj Subramaniam, Prakash NB, Hemalakshmi GR, G.K.D.Prasanna Venkatesan, An Image Based Encryption Algorithm for Multimedia Applications, IEEE Transactions on Consumer Electronics, ISSN:2249 – 8958, 2019.
36. Renjith V Ravi, Kamalraj Subramaniam, TV Roshini, Sundar Prakash Balaji Muthusamy, GKD Prasanna Venkatesan, Optimization algorithms, an effective tool for the design of digital filters; a review, Journal of Ambient Intelligence and Humanized Computing, 2019.
37. P Shaniba Asmi, Kamalraj Subramaniam, Nisheena V Iqbal, Classification of Nonlinear Features of Uterine Electromyogram Signal Towards the Prediction of Preterm Birth, IETE Journal of Research, 2019.
38. Dr.Kamalraj subramaniam, Image compression using optimized wavelet filter derived from grey wolf algorithm, Journal of Ambient Intelligence and Humanized Computing, 2020.
39. Dr.Kamalraj subramaniam, Synergic deep learning based preoperative metric prediction and patient oriented payment model for total hip arthroplasty, Journal of Ambient Intelligence and Humanized Computing, 2020.
40. Dr.Kamalraj subramaniam, Adaptive Gaussian notch filter for removing periodic noise from digital images, IET Digital Library, 2020.
41. Dr.Kamalraj subramaniam, High-Speed Modified DA Architecture for DWT Computation in Secure Image Encoding, Advances in Electrical and Computer Technologies, 2020.
42. Dr.Kamalraj subramaniam, A Bi-spectrum Analysis of Uterine Electromyogram Signal Towards the Prediction of Preterm Birth, Recent Trends and Advances in Artificial Intelligence and Internet of Things, 2020.