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LIST OF PUBLICATIONS

1. Dr. N.K.Karthikeyan and S.Priya „” A Heuristic and ANN based classification model for early screening of Cervical Cancer” International Journal of Computational Intelligence Systems Volume 13 pages 1092-1100,2020.
2. Dr.N.K.Karthikeyan and V.Jothiprakash has presented a paper on "Genetic Algorithm based feature selection with ensemble learning method for Cardio Vascular Disease prediction" at Research Support Conclave (RSC 2020), CIT on 09.01.2020.
3. Dr.N.K.Karthikeyan and S.Priya has presented a paper on "Clustering High dimensional data set with Feature Optimization Techniques" at Research Support Conclave (RSC 2020), CIT on 09.01.2020.
4. Dr.N.K.Karthikeyan, Session Chair on " BIG DATA" at Research Support Conclave (RSC 2020), CIT on 09.01.2020.
5. R.Rajeev, J.Abdul Samath, N.K.Karthikeyan " An Intelligent Recurrent Neural Network with Long Short-Term Memory (LSTM) Based Batch Normalization for Medical Image Denoising", Vol:43,No 8 pp234-243, Journal of Medical Systems, Springer ISSN: 0148-5598, 2019 Impact Factor : 2.415
6. Subramanian Senthil arasu and Karthikeyan " Residual energy and time aware cluster based data gathering in Wireless Sensor Networks", Journal of Sensor Letters, vol17,No 2, Feb 2019,pp 150-159.
7. A Framework for Constraint based Web Service Discovery with Natural Language User Queries , Elsevier Journal of Advanced Research in Dynamical & Control Systems, Vol. 10, 05-Special Issue, 2018.
8. Saravana Balaji B, Karthikeyan N K, Raj Kumar R S Fuzzy Service Conceptual Ontology System for Cloud Service Recommendation, Computers and Electrical Engineering, Elsevier 11-12, 2018.
9. A Framework for Constraint based Web Service Discovery with Natural Language User Queries , Elsevier Journal of Advanced Research in Dynamical & Control Systems, Vol. 10, 05-Special Issue, 2018.

10. Saravana Balaji B, Karthikeyan N K, Raj Kumar R S Fuzzy Service Conceptual Ontology System for Cloud Service Recommendation, Computers and Electrical Engineering, Elsevier 11-12, 2018.
11. Epsilon-Fuzzy Dominance Sort Based Composite Discrete Artificial Bee Colony optimisation for Multi-Objective Cloud Task Scheduling Mechanisms, International Journal of Business Intelligence and Data Mining 2017
12. Hyper-geometric energy factor based semi-Markov prediction mechanisms for effective cluster head election in WSN'S, Journal of Intelligent and Fuzzy systems. 2017.
13. Gomathi B, N.K.Karthikeyan (2017) Epsilon-Fuzzy Dominance Sort Based Composite Discrete Artificial Bee Colony optimization for Multi-Objective Cloud Task Scheduling Problem International Journal of Business Intelligence and Data Mining. ISSN:1743-8195
14. Rajarajeswari. PL, Karthikeyan N.K , (2017) Hyper-geometric energy factor based semi-Markov prediction mechanisms for effective cluster head election in WSN'S- Journal of Intelligent and Fuzzy systems vol. 32, no. 4, pp. 3111-3120, 2017
15. Saravana Balaji B, **Karthikeyan N K**, Raj Kumar R S (2016), "Fuzzy Service Conceptual Ontology System for Cloud Service Recommendation", Computers and Electrical Engineering, Elsevier, <http://dx.doi.org/10.1016/j.compeleceng.2016.09.13>
16. S. Senthil Arasu and **N. K. Karthikeyan** (2016) "Optimized LEHE: A Modified Data Gathering Model for Wireless Sensor Network" IIOAB Journal , Vol. 7 | 9 | pp 411-418.
17. K. Venkatachalam, **N.K.Karthikeyan**, (2016) 'Bridging the Semantic Gap in Web Services Discovery Through Support Vector Machines and Feedback Mechanism', Middle-East Journal of Scientific Research 24(7), pp.2239-2246.
18. T.Prabhakaran, N.K.Karthikeyan (2016) 'Energy Efficient Inter-Cluster Routing using PSO for WSN', Asian Journal of Information Technology (15(10), Medwell Journals, pp.1522-1530.
19. T.Prabhakaran, N.K.Karthikeyan (2016) 'Improving the Energy level of Node and Prevent the Cluster Head failure in WSN, Asian Journal of Information Technology (15(11), Medwell Journals, pp.1663-1669.

20. Thirumoorthy.P, N.K.Karthikeyan (2015) 'Bayes Node Energy Polynomial Distribution to Improve Routing in Wireless Sensor Network', PLOS One vol.10, no.10, pp. 1-15.
21. Thirumoorthy. P, N.K.Karthikeyan (2015) 'Secure and Effectual Energy Dynamic Routing Protocol for In-Network Aggregation in WSN', International Journal of Applied Engineering Research, vol. 10, no. 9, pp. 6593-6597.
22. N.K.Karthikeyan, P.L.Rajarajeswari, A.Pradeepa (2015) 'EEIB-Leach: Enhanced Energy Based Intra- Balanced Leach Protocol for Wireless Sensor Network', International Journal of Applied Engineering Research, PP.27248-27253.
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24. T.Prabhakaran, N.K.Karthikeyan (2015) 'Adaptive Clustering and Routing using Fuzzy Decision model in W', International Journal of Mobile Network Design and Innovation, vol 6, no 1, pp.51-62.
25. Saravana Balaji B, Raj Kumar R.S, N.K.Karthikeyan (2015) 'Fuzzy Predicate petri net and T-invariant Analysis based Cloud service Recommendation using Cloud Service Ontology', Publication of Book Journal, Mobile Computing A book of Readings, 2015, pp.200-212.