

Name with full address	Area of specialization
Name : Dr.P.Ganesh Kumar Designation : Assistant Professor Department : Information Technology Address : Anna University Regional Campus, Coimbatore Mobile : 9791638370 E-mail : ganesh23508@gmail.com	Data Mining, Soft Computing, Big Data
Publications 1. S.Sumathi, P.Ganeshkumar , Cognition based spam mail text analysis using combined approach of deep neural network classifier and random forest, Journal of Ambient Intelligence and Humanized Computing, (2020). 2. R.Jeyaraj, P.Ganeshkumar , A.Paul, Big Data with Hadoop MapReduce: A Classroom Approach, First Edition, CRC Press, (2020). 3. A.Suresh, P.GaneshKumar , Optimization of Metascheduler for Cloud Machine Learning Services, Wireless Personal Communications, 1, (2020), 1-22. 4. K.Kumaresan, P.Ganeshkumar , Software reliability prediction model with realistic assumption using time series (S) ARIMA model, Journal of Ambient Intelligence and Humanized Computing, (2020). 5. D.Velusamy, P.Ganeshkumar , Water Cycle Algorithm Tuned Fuzzy Expert System for Trusted Routing in Smart Grid Communication Network, IEEE Transactions on Fuzzy Systems, 28(6), (2020), 1167-1177. 6. D.Velusamy, P.Ganeshkumar , K.Ramasamy, A Cross-Layer Trust Evaluation Protocol for Secured Routing in Communication Network of Smart Grid, IEEE Journal on Selected Areas in Communications, 38(1), (2019), 193-204. 7. S.Sudhagar, M.Sakthivel, P.Ganeshkumar , Monitoring of friction stir welding based on vision system coupled with Machine learning algorithm, Measurement, 144, (2019), 135-143. 8. B.Prasanalakshmi, P.Ganeshkumar , Two-Way Handshake User Authentication Scheme for e-Banking System, International Conference on Intelligent Computing and Communication (Springer), (2019), 135-141. 9. S.H.Shaik Ibrahim, R.Chellasamy, P.Ganeshkumar , Optimal Estimation of Binding Preference of Protein in PBM Data using Clustering based Modified Jaya Optimization, Journal of Bioinformatics and Computational Biology, (2019), 1-7.	

10. D.Velusamy, **P.Ganeshkumar**, Fuzzy integrated Bayesian Dempster–Shafer theory to defend cross-layer heterogeneity attacks in communication network of Smart Grid, *Information Sciences*, 479, (2019), 542-566.
11. K.Kumaresan, **P.Ganeshkumar**, Software reliability modeling using increased failure interval with ANN, *Cluster Computing*, 22(2), (2019), 3095-3102.
12. G.Lavanya, C.Rani, **P.Ganeshkumar**, An automated low cost IoT based Fertilizer Intimation System for smart agriculture, *Sustainable Computing: Informatics and Systems*, 11, (2019), 1-12.
13. R.Raja, **P.Ganeshkumar**, QoSTRP: a trusted clustering based routing protocol for mobile ad-hoc networks, *Programming and Computer Software*, 44(6), (2018), 407-416.
14. R.Muruganantham, **P.Ganeshkumar**, Quality of service enhancement in wireless sensor network using flower pollination algorithm, *Programming and Computer Software*, 44(6), (2018), 398-406.
15. S.A.A.Vijay, **P.Ganeshkumar**, Fuzzy expert system based on a novel hybrid stem cell (HSC) algorithm for classification of micro array data, *Journal of medical systems*, 42(4), (2018), 61-69.
16. R.Sathish Kumar, C.Rani, **P.Ganeshkumar**, IoT based monitoring of container vehicle for secure and reliable delivery of goods, *SAC*, (2018), 628-633.
17. B.S.Kang, **P.Ganeshkumar**, K.J.Kim, Binding Direction-Based Two-Dimensional Flattened Contact Area Computing Algorithm for Protein–Protein Interactions, *Molecules*, 22(10), (2017), 1722 (15 pages).
18. D.Velusamy, **P.Ganeshkumar**, An effective trust based defense mechanism to thwart malicious attack in smart grid communication network, 2017 IEEE International Conference on Intelligent Techniques in Control, 4 (2017).
19. R.S.Kumar, C.Rani, **P.Ganeshkumar**, Predicting optimal path for goods delivery to fair price shops in India using Hierarchical Intelligent Water Drops Algorithm, *Global Journal of Pure and Applied Mathematics*, 13(6), (2017), 2009-2031 .
20. **P.Ganeshkumar**, D.Velusamy, A.Paul, K.J.Kim, Fuzzy-based trusted routing to mitigate packet dropping attack between data aggregation points in smart grid communication network, *Computing*, 99(1), (2017) 81-106.
21. **P.Ganeshkumar**, M.S.Kavitha, B.C.Ahn, Automated Detection of Cancer Associated

Genes Using a Combined Fuzzy-Rough-Set-Based F-Information and Water Swirl Algorithm of Human Gene Expression Data, PLOS ONE, 11(12), (2016), 23 pages.

22. M.S.Kavitha, **P.Ganeshkumar**, S.Y.Park, K.H.Huh, M.S.Heo, T.Kurita, Automatic detection of osteoporosis based on hybrid genetic swarm fuzzy classifier approaches, Dentomaxillofacial Radiology, 45(7), (2016), 20160076 (13 pages).
23. **P.Ganeshkumar**, A.Vijayakumar, K.J.Kim, A new data-driven method for microarray data classification, International Journal of Data Mining and Bioinformatics, 15(2), (2016), 101-124.
24. **P.Ganeshkumar**, KJ Kim, Intelligent F-information for genetic swarm algorithm based fuzzy expert system, Proceedings of the 6th ACM Conference on Bioinformatics, Computational Biology and Health Informatics, (2015), 474–475.
25. **P.Ganeshkumar**, K.J.Kim, Computational support system for personalized medicine, Proceedings of the 6th ACM Conference on Bioinformatics, Computational Biology and Health Informatics, (2015), 488–489.
26. **P.Ganeshkumar**, C.Rani, D.Mahibha, Fuzzy-rough-neural-based f-information for gene selection and sample classification, International Journal of Data Mining and Bioinformatics 11(1), (2015), 31-52.