

Name : Dr Jacophine Susmi S

Designation : Assistant Professor

Department : Information Technology

University/Institute : University college of Engineering, Tindivanam

Place: Tindivanam

1. SJ Susmi, HK Nehemiah, A Kannan, "Hybrid Dimension Reduction Techniques with Genetic Algorithm and Neural Network for Classifying Leukemia Gene Expression Data", Indian Journal of Science and Technology Vol 9(S1), DOI: 10.17485/ijst/2016/v9iS1/70384, December 2016.
2. SJ Susmi, HK Nehemiah, A Kannan, J Christopher, "Relevant Gene Selection and Classification of Leukemia Gene Expression Data", Emerging Research in Computing, Information, Communication and Applications, ERCICA 2015, Springer , Vol. 3, pp no: 503-510.
3. SJ Susmi, HK Nehemiah, A Kannan, G Saranya , "Hybrid Algorithm for Clustering Gene ExpressionData",Research Journal of AppliedSciences, Engineering andTechnology, Vol. 11, Issue No .7, pg no. 692-700, Nov 2015.
4. SJ Susmi, HK Nehemiah, A Kannan, JJ Christopher, "A hybrid classifier for leukemia gene expression data",Research Journal of Applied Sciences, Engineering and Technology 10 (2),197-205, May 2015.
5. Arun Kumar R, Jacophine Susmi S, Dhanagopal M, Santhip S (2019), "Comparative Analysis on Frequent Patterns based on Novel Apriori with Improved Apriori Algorithm", Organized by SNS College of Technology, Coimbatore.
6. E K Nivetha, A RajaSureya, B Vanmathi, Jacophine Susmi S (2019), "Prediction and Classification of Heart Disease using Grasshopper based DBNN Optimizer Approach", Organized by Coimbatore Institute of Engineering & Technology, On International Conference on Recent Trends in Engineering Technology and Management.
7. Jacophine Susmi S, Sumaiya Mumtaj A, Suriya B, Priyanka S (2017), "Evaluating the Performance of Optimization algorithms Diagnosis of Head and Neck Cancer Dataset", Proceedings of University College of Engineering Tindivanam,, NCETTA'17.
8. Jacophine Susmi S, Sowmiya M, Sowndarya M, SumathiD(2017), "MiningFrequent Patterns fromaTransactionalDatabase",ProceedingsofUniversityCollegeofEngineeringTindivanam,, NCETTA'17.
9. Jacophine Susmi S, Baskaran E, Elavarasan S, Hariharasutham S (2017), "Fuzzy Logic based Neural Network for Bank Marketing",Proceedings of University College of Engineering Tindivanam,, NCETTA'17.
10. Vimal Jenifer SJ, Naveen Kumar A, Jacophine Susmi S (2016), "Clinical Decision Suport System for Classifying Chronic Kidney Disease using DataMining Techniques", Proceedings of Saveetha Engineering College ICTCON'16, pp.192-105.
11. Sridevi G, Pravina SP, Sivagangai S, Jacophine Susmi S (2016), "Relevant Feature Selection

And Classification of Heart Disease using Genetic Fuzzy and Backpropagation Neural Network in Knowledge Mining“, Proceedings of Panimalar Institute of Technology ICIETET'16.

12. Jacophine Susmi S, P Asha, (2008), “Actionable knowledge for Customer Relationship Management ’, Proceedings of M.Kumarasamy College of Engineering National Conference (MKCE CONFLUENCE'08) at M.Kumarasamy College of Engineering, Karur.