Dr. Jacophine Susmi
Assistant Professor

Department of Computer Science and Engineering

Anna University, Tindivanam Campus

Details of Publications

JOURNALS

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 Expression Data",Research Journal of Applied Sciences, Engineering and Technology, 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.

CONFERENCES

1.   **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.

2.   **Jacophine Susmi S**, Sowmiya M, Sowndarya M, Sumathi D(2017), "Mining Frequent Patterns from a Transactional Database",Proceedings of University College of Engineering Tindivanam,, NCETTA'17.

3.   **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.

4.   Vimal Jenifer SJ, Naveen Kumar A, **Jacophine Susmi S** (2016), "Clinical Decision Suport System for Classifying Chronic Kidney Disease using Data Mining Techniques",Proceedings of Saveetha Engineering College ICTCON'16, pp.192-105.

5.   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.

6.   **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.