**Dr. Jacophine Susmi**

**Assistant Professor**

**Department of Computer Science and
Engineering University College of Engineering,
Tindivanam**
**E-Mail : jacophine.susmi@gmail.com**
**Mobile : 9840527176**

**List 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.