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## **Publications**

**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.

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- **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, 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.
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