Dr.R.Bhavani

Assistant Professor

Department of Computer Science and Engineering

Government College of Technology, Coimbatore

LIST OF PUBLICATIONS:

1. Bhavani, R., Sadasivam, G.S. and Kumaran, R., 2011, December. A novel parallel hybrid K-means-DE-ACO clustering approach for genomic clustering using MapReduce. In 2011 World Congress on Information and Communication Technologies (pp. 132-137). IEEE.

2. R Bhavani, GS Sadasivam, 2012. A Novel Hybrid Metaheuristic Approach for Genomic Clustering using MapReduce Framework, European Journal of Scientific Research 93 (1), 125-133

3. Bhavani, R. and Sadasivam, G.S., 2014. A novel ant based clustering of gene expression data using mapreduce framework. International Journal on Recent and Innovation Trends in Computing and Communication, 2(2), pp.398-402.

4. R Bhavani, GS Sadasivam , 2015 . A Filter Based Feature Selection for Protein Sequence Classification over Hadoop, International Journal of Applied Engineering Research 10 (14), 34603-34606

5. Bhavani, R. and Sadasivam, S.G., 2016. Gene expression data classification using MapReduce version of KNN hybridized with PSO. Research Journal of Biotechnology, 11(7), pp.37-41.

6. Bhavani, R. and Sadasivam, G.S., 2017. A novel feature selection based on apriori property and correlation analysis for protein sequence classification using MapReduce. International Journal of Data Mining and Bioinformatics, 17(3), pp.255-265.

7. Nandhini, N. and Bhavani, R., 2020, January. Feature Extraction for Diseased Leaf Image Classification using Machine Learning. In *2020 International Conference on Computer Communication and Informatics (ICCCI)* (pp. 1-4). IEEE.

Book chapter:

- Bhavani R and SAdasivam, G.S., 2018.Parallel Data Mining Techniques for Breast Cancer Prediction. In Medical Big Data and Internet of Medical Things (pp.189-215).CRC Press.