Name : Dr. S.Baulkani

Designation : Professor

Department : Electronics and Communication Engineering,

Address : Government College of Engineering , Tirunelveli -627007

Mobile : 9442813661 E-mail : baulkani@gcetly.ac.in

Publications:

1. M M Gowthul Alam, S Baulkani "A Hybrid Approach for Web Document Clustering using K-means and Artificial Bee Colony Algorithm" International Journal of Intelligent Engineering and Systems, 2016

2. M M Gowthul Alam, S Baulkani, "Geometric structure information based multi-objective function to increase fuzzy clustering performance with artificial and real-life data" Soft Computing, Springer,2018

3. MM Gowthul Alam, S Baulkani, "Reformulated query-based document retrieval using optimised kernel fuzzy clustering algorithm" International Journal of Business Intelligence and Data Mining,2017

4. R. Uma Mageswari, S. Baulkani, "Routing Technique for data Transmission under Jammer in Multi-hop wireless network", Journal of Ambient Intelligence and Humanized Computing ,2020

5. M M Gowthul Alam, S Baulkani **"**Local and Global characteristics based-Kernel hybridization to increae optimal support vector machine performance for stock market prediction", Knowledge and Information Systems ,2019.

6. M M Gowthul Alam, S Baulkani "Automated Learning Methodology for Document Clustering Analysis **"**, International Journal of Advances in Natural and Applied Sciences , 2016

7. G. Jemilda and S. Baulkani, Integration of New Moving Object Segmentation and Classification Techniques using Optimal Salp Swarm-Based Feature Fusion with Linear Multi K-SVM Classifier, EURASIP Journal on Image and Video Processing (Springer), 2020

8. G. Jemilda, S. Baulkani, D. George Paul and J. Benjamin Rajan, Tracking Moving Objects in Video, Journal of Computers ,2017.

9. Fathima Mubarakkaa M, Gowthul Alam M.M and Baulkani S, "Glioblastoma Brain Tumor Modeling Approach", International Journal of Advanced Research Trends in Engineering and Technology 2017.

10. S.P. Valan Arasu and S. Baulkani," FPGA implementation of a low power and high speed Hybrid Multiplier for Image Processing Applications, Journal of Communications Technology, Electronics and Computer Science, 2017.