

List of Paper Publications

1. S.Abinaya and C.Sujatha, "Detection of Epileptic Seizure Based on EEG Signals Using Ensemble And LSTM Approach" Journal of Scientific Research in Engineering and Management, Vol.4,no.6, pp. 11-17, ISSN : 2582-3930.
2. Famitha A, DeviSrinidhi R, Geetha J and Dr. C. Sujatha, "An Efficient Lossless Algorithm for EEG Signal Compression using Wavelet Transform" International Research Journal of Engineering and Technology, Vol. 07, Iss. 04, Apr 2020
3. Venkateshwaran Ganesh, and Dr. C. Sujatha, "Ingenious Traffic Control System with Green Signal Timings using Image Processing" Advanced Science, Engineering and Medicine, Vol. 12, pp:337–341, 2020.
4. S. Abinaya, and **Dr. C. Sujatha**, "Detection of Epileptic Seizure Based on EEG Signals Using Soft Computing Techniques" International Journal of Research and Analytical Reviews, Vol. 6, Iss. 2, pp: 921–927, June 2019.
5. **C. Sujatha**, N.M. Masoodhu Banu & S. Karthigailakshmi, "Connected Component Based Segmentation Technique for Vehicles Detection from High Resolution Satellite Images", International Journal of Innovative Technology and Exploring Engineering, Vol. 8, No. 5, pp.4-7, March, 2019
6. G. Venkateshwaran, J. Surya and **Dr. C. Sujatha**, "Density Based Traffic Control System and Green Light Transition Time Estimation using Image Processing", SSRG International Journal of Electronics and Communication Engineering (SSRG – IJECE) – Special Issue ICRTCRET, pp:11-13, Mar 2019.
7. K. Sindhuja, R. Sivakami, and **Dr. C. Sujatha**, "Tumour Classification and Ellipsification for Breast Cancer in Mammogram Images using Image Processing in MATLAB", SSRG International Journal of Electronics and Communication Engineering (SSRG – IJECE) – Special Issue ICRTCRET, pp:15-18,Mar 2019.
8. **C. Sujatha**, D.Selvathi & S. Karthigailakshmi, "Hardware Implementation of Road Network Extraction Using Simplified Gabor Wavelet in Field Programmable Gate Array", International Journal of Engineering and Technology Innovation, Vol. 8, No.3, pp: 200-216, 2018.
9. **Dr. C. Sujatha** & Dr. S. Karthigailakshmi, "A Survey on Software and Hardware Implementation of Image Edge Detection using FPGA", International Journal of Advance and Innovative Research, Vol. 4, Iss. 4, 2017.

10. N. M. Masoodhu Banu & **C. Sujatha**, “IoT Architecture a Comparative Study”, International Journal of Pure and Applied Mathematics, vol. 117, no. 8, pp:45-49, 2017.
11. **C. Sujatha** & Dr. D. Selvathi, “FPGA implementation of road network extraction using morphological operator”, Image Analysis & Stereology, vol. 35, no. 2, pp: 93-103, 2016.
12. P. Nagarajan & **C. Sujatha**, “Design and Analysis of Rectangular Microstrip Patch Antenna and S-Slot Dual band frequency Microstrip Antenna”, International Journal of Engineering and Recent Trends, vol.4, no.16, 2016.
13. P. Nagarajan & **C. Sujatha**, “3-D Design Comparison of Dual band frequency Microstrip Patch Antenna” International Journal of Current Research and Modern Education (IJCRM), 2016.
14. P. Nagarajan & **C. Sujatha**, “Design and anlysis of circular microstrip patch antenna by artificial neural learning methods”, Discovery Engineering -An International Journal, Vol. 4, no. 13, pp: 433-430, 2016.
15. P. Nagarajan & **C. Sujatha**, “Design and Prediction of Microstrip Patch Antenna by Artificial Learning Methods”, International Journal of Advanced Research in Biology Engineering Science and Technology (IJARBEST), vol.2, No.10, 2016
16. **C. Sujatha** & Dr. D. Selvathi, “Connected component-based technique for automatic extraction of road centerline in high resolution satellite images”, EURASIP Journal of image and video processing, Vol. 8, 2015.
17. C. Anusuya, Dr. R. Ganesan & **C. Sujatha**, “Real Time Face Detection Using AdaBoost Algorithm” International Journal of Advanced Information Science and Technology (IJAIST), Vol. 34, No. 34, 2015, ISSN: 2319:2682.