## Dr.Mrs.T.Jayasree

## **Assistant Professor**

Department of Electronics and Communication Engineering, Govt. College of Engineering, Tirunelveli-627007

Tamil Nadu, India.
Mobile: +91-9486324974
E-Mail: jayasree@gcetly.ac.in

## **Area of Specialization:**

Signal processing, Image Processing, Neural Networks

## LIST OF PUBLICATIONS

TITLE	YEAR
S.G. Hymlin Rose, T. Jayasree," Detection of jamming attack using timestamp for WSN", Ad Hoc NetworksVolume 91, 101874,ELSEIVER	
Renisha, G. ,Jayasree, T ,"Cascaded Feedforward Neural Networks for speaker	2019
identification using Perceptual Wavelet based Cepstral Coefficients", Journal of	
Intelligent & Fuzzy Systems, vol. 37, no. 1, pp. 1141-1153	
Reena Benjamin, T. Jayasree, "Improved medical image fusion based on	
cascaded PCA and shift invariant wavelet transforms", International Journal of	2018
Computer Assisted Radiology and Surgery, 13, 229–240,	
https://doi.org/10.1007/s11548-017-1692-4	
S. G. H. Rose and T. Jayasree, "A jamming detection technique for WSN using	
timestamp," 2017 IEEE International Conference on Intelligent Techniques in	
Control, Optimization and Signal Processing (INCOS), Srivilliputhur, pp. 1-6,	
doi: 10.1109/ITCOSP.2017.8303101.	
T.Jayasree, "Automatic Water Distribution Management System Using PIC	
Controller and GSM Module", International Journal for Research &	
Development in Technology, Vol 4.	
S. E. Shia and T. Jayasree, "Detection of pathological voices using discrete	2017
wavelet transform and artificial neural networks", 2017 IEEE International	2017
Conference on Intelligent Techniques in Control, Optimization and Signal	
Processing (INCOS), Srivilliputhur, pp. 1-6,doi:10.1109/ITCOSP.2017.8303086.	
Emeraldshia, T.Jayasree, "Automatic Classification of voice pathology speech	
signals", Proc of IEEE international conference on intelligent techniques in	
control, optimization and signal processing	
Hymlinrose, T.Jayasree, "A jamming detection technique for wsn using	
timestamp", Proc of IEEE international conference on intelligent techniques in	
control, optimization and signal processing	
Prem Ananth, T. Jayasree, "Signal Processing based fault analysis in two	
wheelers", Proc of Int. Conference on Green Technologies for Power Generation, Communication & Instrumentation	
M.Mahil, T. Jayasree," Ant Colony System with Adaptive Threshold Technique for server consolidation in Green cloud", Proc. Of Int. Conference on Emerging	
Trends in Engineering & Technology	2016
T.Jayasree, "Analysis of Power Quality Disturbances using DWT and Artificial	
Neural Networks", International Journal of Science, Engineering and	
Technology Research (IJSETR), Volume 5, Issue 4	
T.Jayasree, Chellabama, "Cross Wavelet Transform based ECG Pattern Analysis	
1. Jayasice, Chenadama, Cross wavelet Transform dased LCO Fattern Analysis	

and Classification", International Journal of Engineering and Management	
Research, Vol 5.	
Reena Benjamin, T.Jayasree ,"PCA and Wavelet Transform based Image fusion	
for biomedical image analysis", Proc. Of Int. Conf on Emerging technologies in	
computing control, communication and construction	
Mary Vasanthi, T.Jayasree,"Classification of EMG signal for neural disorder	
detection", Proc. Of Int. Conf on Emerging technologies in computing control,	
communication and construction	
Renisha. G, T.Jayasree ,"Analysis of windows for speech signal analysis",Proc.	
of Int. Conf on Emerging technologies in computing control, communication and	
construction	
Jayasree T, Renisha. G, "Enhancement of Speech signals in a noisy Environment	
based on Wavelet based Adaptive filtering", Int. Journal of Signal Processing,	
Image processing and Pattern Recognition, vol 8 no. 15, pp. 69-76	2015
Jayasree T, Renisha. G ,"Enhancement of Speech signals in a noisy	
Environment", International Conference on Technical Convergence on	
Information, Health, food and energy security	
T. JAYASREE, G.RAJARAM ,"Signal processing and neural networks based	
speaker recognition system", International Journal of Engineering Research-	2014
Online, 387-391.	