

### List of International Publications

1. **T. Sreenivasulu Reddy**, Ms.K.Ramani, Dr S.Varada Rajan, and Dr B.C. Jinaga. "*Image Compression using Transform Coding Methods*" International Journal of Computer Science and Network Security (IJCSNS), VOL. 7 NO. 7 PP. 274-280, July 2007.
2. **T. Sreenivasulu Reddy**, Dr S.Varadarajan, Dr G.R.Reddy, and Dr B.C.Jinaga, "*A Comparative Study of Wind Measurements by GPS Radio Sonde and MST Radar using new signal Processing Techniques based on Wavelets*", Technology Spectrum Journal of Jawaharlal Nehru Technological University, Vol. II, No.2, pp 73-78, July 2008.
3. **T. Sreenivasulu Reddy**, Dr G.Ramachandra Reddy, and Dr S.Varadarajan. "*Variance reduction in spectral estimation through overlapped Filter Banks*" International Journal on Electronic & Electrical Engineering (IJEEE), Volume 01, No 01, PP. 114-121, Nov 2008-Jan 2009 (Spring Edition 2009).
4. **T. Sreenivasulu Reddy**, Dr G.Ramachandra Reddy, Dr S.Varadarajan, and K.Yugandhara Reddy "*Noise reduction in LIDAR signal using Wavelets*" International Journal of Engineering and Technology (IJENGG), Volume 2, Number 1, PP. 21-28, March 2009.
5. **T. Sreenivasulu Reddy**, Dr G.Ramachandra Reddy, and Dr S.Varadarajan "*Reduced variance Spectral Estimation through Cepstral Thresholding*", Technology Spectrum Journal of Jawaharlal Nehru Technological University, Vol. 3, No.1, pp 27-32, March 2009.
6. **T. Sreenivasulu Reddy**, Dr G.Ramachandra Reddy, and Dr S.Varadarajan, "MST Radar signal processing using Wavelet based denoising", IEEE Geoscience and Remote Sensing Letters, Volume: 6, No.4, pp 752-756, October 2009.
7. R.Viswanath Reddy, **T. Sreenivasulu Reddy**, and Dr.Govind Sharma, "Efficient Coding of Image Subbands using Blockbased Modified SPIHT", International Journal of Recent Trends in Engineering and Technology, Vol. 2, No. 5, Nov 2009
8. **T. Sreenivasulu Reddy**, and Dr G.Ramachandra Reddy, "*MST Radar signal processing using cepstral thresholding*", IEEE Transactions on Geoscience and Remote Sensing, Volume 48, Issue 6, Pages 2704 – 2710, June 2010.
9. **T. Sreenivasulu Reddy**, and Dr G.Ramachandra Reddy, "Spectral Analysis of Atmospheric Radar Signal Using Filter Banks – Polyphase Approach", Digital signal processing, Volume 20, Issue 4, Pages 1061–1071, July 2010.
10. S. Gopi Krishna , **T. Sreenivasulu Reddy**, G. K. Rajani "Removal of High Density Salt and Pepper Noise Through Modified Decision Based Unsymmetric Trimmed Median Filter",

International Journal of Engineering Research and Applications (IJERA) ISSN:2248-9622, Volume.2, Issue 1, Pages 090-094, Jan-Feb 2012.

11. Gnanatheja Rakesh V, **T.Sreenivasulu Reddy**, "YCoCg color Image Edge detection" International Journal of Engineering Research and Applications (IJERA) ISSN: 2248-9622, Volume.2, Issue 2, Pages 512-516, Mar-Apr 2012
12. Sreedevi Gandham and **T. Sreenivasulu Reddy**, "Enhanced Signal Denoising Performance by EMD-based Techniques", International Journal of Engineering Research and Applications (IJERA), ISSN:2248-9622, Volume.2, Issue 6, Pages 1705-1711, Nov-Dec 2012.
13. V. Ramamohan Reddy and **Dr. T. Sreenivasulu Reddy**, " $\alpha$  Coefficient Method for Image Steganography Using DWT", International Journal of Engineering Research & Technology (IJERT), ISSN: 2278-0181 Volume.3 Issue1, Pages 641-645, January - 2014.
14. V. Ramamohan Reddy and **Dr. T. Sreenivasulu Reddy**, "Image encryption using fractional random wavelet transform" , International Journal of Advanced Research in Computer and Communication Engineering, ISSN:2319-5940 Volume.3 Issue1, Pages 4891-4893, January - 2014.
15. G.Nagaveni and **Dr. T. Sreenivasulu Reddy**, "Detection of an object by using Principal Component Analysis", International Journal of Engineering Research & Technology (IJERT), ISSN: 2278-0181 Volume.3 Issue1, Pages 3411-3415, January - 2014.
16. Uma Maheswara Rao D, **Dr. T. Sreenivasulu Reddy**, and Dr G.Ramachandra Reddy, "Noise Modelling of Atmospheric Radar Data using Empirical Mode Decomposition", International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering(IJIREEICE), ISSN: 2321-5526 Volume.2 Issue4, Pages 1407- 1413, April - 2014.
17. C.Madhu, **T. Sreenivasulu Reddy**. "MST Radar Signal Processing with Fast Approximate Fourier Transform Using DWT", CiiT International Journal of Digital Signal Processing, Vol 6, No 04, April 2014.
18. G. Chandraiah, **Dr. T. Sreenivasulu Reddy**, and Prof G. Ramachandra Reddy, " Denoising of Complex Signals using Multi band Complex Wavelets with Improved Thresholding" , International Journal of Scientific & Research(IJSR), ISSN 2229-5518,Volume 5, Issue 5, May-2014.
19. Uma Maheswara Rao D, **Dr. T. Sreenivasulu Reddy**, and Dr G.Ramachandra Reddy, "Atmospheric Radar Signal Processing Using Principal Component Analysis ", Digital signal processing, Volume 32, Pages 79-84, September, 2014.

20. B.Ragadivya, and **Dr. T. Sreenivasulu Reddy**, "PAPR Reduction in Multi – User MIMO – OFDM", International Journal of Advanced Research in Electrical, Electronics and instrumentation Engineering, ISSN 2320-3765, Volume 4, Issue 2, Pages 825-831, February- 2015.
21. P.Jeevaiah, **T. Sreenivasulu Reddy**, "Implementation of an Autonomous Ground Based Aircraft Positioning and Landing System", International journal of Scientific Engineering and Technology Research, ISSN 2319-8885, Volume 4, Issue 18, pages 3397-3402, June-2015.
22. Y. Ram Kishore, **Dr. T. Sreenivasulu Reddy**, "Signal Adaptive Orthogonal Wavelet Decomposition and Hampel filtering for Impulse De-noising of Speech", International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, Vol 4, Issue 10, October 2015.
23. J. Saikrishna, **Dr. T. Sreenivasulu Reddy**, "Fingerprint Compression based on Sparse Representation using Pixel Level Patch Decomposition" International Journal of Advanced Research in Computer and Communication Engineering, Vol. 4, Issue 11, November 2015.
24. V.A. Jyothsna, Y. Bhavani Kumar, **Dr. T. Sreenivasulu Reddy**, "Aerosol lidar method of remote sensing winds in the atmospheric boundary layer using cross correlation technique" International Journal of Applied Engineering Research, Vol. 10, Nov 2015, pp 43215-43220, ISSN 0973-4562.
25. G. Sreedevi, Dr. B. Anuradha, **Dr. T. Sreenivasulu Reddy**, "Improved ECG signal denoising by using an EMD-based algorithm", International Journal of Applied Engineering Research, ISSN 0973-4562 Vol 10, Nov 2015.
26. Neetha I. Eappen, **Dr. T. Sreenivasulu Reddy** and Dr G.Ramachandra Reddy, "Semiparametric Algorithm for Processing MST Radar Data" in IEEE Transactions on Geoscience and Remote Sensing. Volume:PP , Issue: 99, Pages 1-9, Dec 2015.
27. D. Pujitha and **T. Sreenivasulu Reddy**, "Hetero structure channel drop filters using photonic crystal ring resonators" in International Journal of Innovative Research in Computer and Communication Engineering (IJIRCCE), Volume 4, Issue 11, Nov 2016.
28. S. Sasi Pavan Kumar Naik, **Dr. T. Sreenivasulu Reddy**, "Complex wavelet Transform based Hyper Analytical Image Denoising by Bivariate Shrinkage Technique" in International Journal of Computer Trends and Technology (IJCTT), Volume 43 Number 3, Jan 2017.
29. K. Bhargavi, **Dr. T. Sreenivasulu Reddy**, "Segmentation and Classification for Braim MRI Image based on Modified FCM with Zernike Moment Classifier" International Journal of Engineering Trends and Technology (IJETT) –Vol-44, Number-2, Feb 2017.

30. Pothipoka Ramesh, **T. Sreenivasulu Reddy**, "Image Encryption by taking Block of Pixels" International Journal of Advanced Engineering and Research Development (IJAERD) –Vol-4, Issue-2, Aug 2017.
31. C.Parimala, **Dr.T. Sreenivasulu Reddy**, "Design of High Capacity and metro Core Network and Performance Analysis" International Journal of Innovative research in Computer and Communication Engineering(IJIRCCE), Volume 5, Issue 1, January 2017, pp.1076-1082.
32. K.Lalithya, **Dr.T. Sreenivasulu Reddy**, "A Fast Method for Denoising the Signal Based on CIC Filter", International Journal for Research in Applied Science & Engineering Technology(IJRASET), ISSN:2321-9653, volume 6, Issue II, February-2018.
33. Raju C, **Sreenivasulu Reddy T**, "Sparse Iterative Covariance based Estimation for atmospheric radar data", International Journal of Engineering & Technology, Vol. 7, pp- 232-236, 2018.
34. Raju C, **Sreenivasulu Reddy T**, "SNR improvement of MST Radar signals using sparse signal recovery algorithm", International Journal of Research in Electronics and Computer Engineering, Vol. 6, pp- 985-988, 2018.
35. C. Raju and **T. Sreenivasulu Reddy**, "MST radar signal processing using iterative adaptive approach", Geoscience Letters, 5(1), Aug 2018.
36. G. Chandraiah, **T. Sreenivasulu Reddy**, and Dr G. Ramachandra Reddy, "Multi-Snapshot Semiparametric Algorithm for Processing MST Radar Data", Journal of advanced research and dynamic control systems(JARDCS), Volume 10, Issue 10, Page no. 277-288, Oct 2018.
37. T. Lakshmi Narayana, **T. Sreenivasulu Reddy**, "An effective method for tumor detection from T2-weighted MRI images using cuckoo search optimization technique", Journal of Advanced Research in Dynamical & Control Systems, Vol. 10, No.10, Oct 2018.
38. G. Chandraiah, **T. Sreenivasulu Reddy**, "MST Radar Signal Processing using PCA Based Minimum-Variance Spectral Estimation Method", IJMECE, Volume 6, Issue 6, Page no. 102-107, Nov 2018.
39. G. Chandraiah and **T. Sreenivasulu Reddy**, "Atmospheric Radar Signal Processing Using Hybrid Window Functions", Journal on Electronics Engineering (i-manager's Publications), Volume 9(1), Pages 14-20, Nov 2018.
40. C. Raju and **T. Sreenivasulu Reddy**, "Mesosphere-Stratosphere-Troposphere Radar Data Processing using Sparse Learning via Iterative Minimization", Asian Journal of Scientific Research,12(1), 97-104, Dec 2018.
41. T. Lakshmi Narayana, **T. Sreenivasulu Reddy**, " A novel brain tumor detection method using DWT and Clustering techniques from T2-weighted brain MRI images", International Journal of Management, Technology and Engineering, Vol.9, No.1, pp.2618-2626, Jan 2019.

42. P. Naga Yamini and **Dr. T. Sreenivasulu Reddy**, "Single Channel Speech Source Separation using Complex Matrix Factorization," International Journal of Engineering & Technology, Vol. 8, Issue 01, Jan 2019.
43. B. Venkatesh and **Dr. T. Sreenivasulu Reddy**, "Generalized GLIM-OFDM Based on PPM for MIMO Systems," International Journal of Research, Vol. 8, Issue 1, pp- 580-585, Jan 2019.
44. G. Chandraiah, **T. Sreenivasulu Reddy**, "Spectral Analysis of MST Radar Data via a Sparse Iterative Parameter Estimation Approach", Journal on Future Engineering and Technology (i-manager's Publications), Volume 10(1), Pages 24-33, Feb 2019.
45. T. Lakshmi Narayana, **T. Sreenivasulu Reddy**, " Brain tumor detection and classification from T2-weighted MRI images using cuckoo search optimization and SVM classifier", International Journal of Electronics Engineering, Vol. 11, No. 1, Jan 2019-June 2019, pp.161-168.
46. Raju C and **Sreenivasulu Reddy T**, "Analysis and Evaluation of Data-Adaptive Spectral Estimation Algorithms for Processing MST Radar Data," Remote Sensing in Earth Systems Sciences, July 2019.
47. C Raju, **T. Sreenivasulu Reddy** and G. Ramachandra Reddy, "Fast implementation of sparse iterative covariance-based estimation for processing MST radar data," SN Applied Sciences, Aug 2019.
48. P.V.Geervani, **T. Sreenivasulu Reddy**, "Millimeter-Wave Micro strip Antenna Array for 5G Smartphone Applications," Alochana Chakra Journal, November 2020.
49. M.Swetha, **T. Sreenivasulu Reddy**, "A Novel Approach of Image Forgery Detection Using Lateral Chromatic Aberration" , JETIR January 2021.
50. M.Vani, **T. Sreenivasulu Reddy**, "Mitigating the pilot contamination for uplink massive MIMO systems" , JETIR January 2021.
51. R.Bala Nagaraju Singh, **T. Sreenivasulu Reddy**, "Energy-Efficient Data Collection in WSN Region using 3D-UAV Trajectory Path and Variable RICAN-Factor" , IJRAR January 2021.