

Mr. Hemant Tulsani

Designation: Assistant Professor

Qualification: M.Tech., B.Tech.

Specialization: Signal Processing

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Education

Masters in Signal Processing from GGSIPU, 2014

Bachelors in Electronics and Communication Engineering from GGSIPU, 2012

Research Interest

Biomedical Signal and Image Processing, Wavelets and Multiresolution Processing, Population based Optimization Algorithms

Publications

International Journals: 05

International Conferences: 05

Selected Papers

[1]. Hemant Tulsani and Rashmi Gupta, "An Improved Methodology for Blood Cell Counting", IEEE International Conference on Multimedia, Signal Processing and Communication Technologies, 2013

[2]. Hemant Tulsani and Saransh Saxena, "A Study of Techniques for Brain Tumor Segmentation", IEEE International Conference on Multimedia, Signal Processing and Communication Technologies, 2013

[3]. Hemant Tulsani and Rashmi Gupta, "1-D Signal Denoising using Wavelets based Optimization of Polynomial Threshold Function," IEEE International Conference on Reliability, Infocom Technologies and Optimization, Oct. 2014

- [4]. Kanika Mehta, C.S. Vinitha and Hemant Tulsani, "A novel class of selective Cascaded Integrator- Comb(CIC) FIR filters with passband compensation," IEEE International Symposium on Signal Processing and Information Technology, Dec. 2014
- [5]. Hemant Tulsani and Rashmi Gupta, "Wavelet Based Optimized Polynomial Threshold Function for ECG Signal Denoising," IEEE International Conference on Computing for Sustainable Global Development, Mar. 2015
- [6]. Hemant Tulsani and Rashmi Gupta, "Wavelets Based Denoising by Optimizing Polynomial Threshold Function," Current Trends In Signal Processing, STM Journals, Sept. 2014