

Publications

- 1.V Saravanan, **N Santhiyakumari**, An Active Noise Control System for Impulsive Noise Using Soft Threshold FxLMS Algorithm with Harmonic Mean Step Size, *Wireless Personal Communications* 109 (4), 2263-2276- 2019
- 2.PS Sundaram, **N Santhiyakumari**, An Enhancement of Computer Aided Approach for Colon Cancer Detection in WCE Images Using ROI Based Color Histogram and SVM2, *Journal of medical systems* 43 (2), 29 – 2019
- 3.S Madhukumar, **N SanthiyaKumari**, Segmentation and Volume Estimation of Tumor Edema Complex (Journal of Medical Imaging and Health Informatics, Vol. 5 (3), pp. 615–621 (2015)),*Journal of Medical Imaging and Health Informatics* 9 (1), 42-42 – 2019
- 4.RS Krishnaveni, C Gomathi, **N Santhiyakumari**, Evaluating Throughput and Delay in Aodv Algorithm using Network Simulator-2, *Conference on Emerging Devices and Smart Systems (ICEDSS)*, 133-136 – 2018
- 5.R Shanmugasundaram, **N Santhiyakumari**, Urban Sprawl Classification Analysis Using Image Processing Technique in Geoinformation System, *Conference on Emerging Devices and Smart Systems (ICEDSS)*, 192-196 – 2018
- 6.K Nithya, R Shanmugasundaram, **N Santhiyakumari**, Study of salem city resource management using k-means clustering, *Conference on Emerging Devices and Smart Systems (ICEDSS)*, 79-83 – 2017
- 7.R Hemalatha, **N Santhiyakumari**, M Madheswaran, S Suresh, Intima-media segmentation using marr-hildreth method and its implementation on unified technology learning platform, *Conference on Emerging Devices and Smart Systems (ICEDSS)*, 32-36 – 2017
- 8.R Hemalatha, K Rajesh, M Shenbagapriya, **N Santhiyakumari**, Fabric Defects Detection and its Implementation in TI-OMAP, *Journal of Electronics and Communication Systems* 2 (1), 1-6 – 2017
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- 11.N Sudha, **N Santhiyakumari**, Summarizing wireless capsule endoscopy video frame based on inter-frame structural similarity index, *Advances in Natural and Applied Sciences* 10 (6 SE), 199-208 – 2016
- 12.P Elamathi, PS Sundaram, **N Santhiyakumari**, Comparison of computer aided diagnostic system for wireless capsule endoscopy images using various filters, *Advances in Natural and Applied Sciences* 10 (5), 228-235 – 2016
- 13.R Hemalatha, **N Santhiyakumari**, M Madheswaran, S Suresh, Comparative Analysis of Edge Detection Methods and its Implementation using UTLP Kit, *i-manager's Journal on Image Processing* 3 (2), 26 – 2016
- 14.C Gomathi, **N Santhiyakumari**, An optimized fuzzy based swarm routing for wireless body area networks, *3rd International Conference on Signal Processing and Integrated. – 2016*

- 15.R Hemalatha, **N Santhiyakumari**, M Madheswaran, S Suresh, Segmentation of 2D and 3D images of carotid artery on unified technology learning platform, Procedia Technology 25, 12-19 – 2016
- 16.SA Jothi, **N SanthiyaKumari**, MRK Raja, An Efficient Denoising Architecture for Impulse Noise Removal in Colour Image Using Combined Filter.JSW 11 (5), 455-463 – 2016
- 17.V Saravanan, **N Santhiyakumari**, A modified FXLMS algorithm for active impulsive noise control, IEEE International WIE Conference on Electrical and Computer – 2015
- 18.SA Jothi, **NS Kumari**, MRK Raja, Residue number system in the VLSI architecture for image processing algorithms—A review, Online International Conference on Green Engineering and Technologies -2015
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- 22.E Priya, V Saravanan, **N Santhiyakumari**, Active noise control system for narrowband noise using FxLMS algorithm, International Conference on Communications and Signal Processing – 2015
- 23.TC Gayathri, C Gomathi, **N Santhiyakumari**, Energy efficient and node selection technique for wireless body sensor network, International Conference on Communications and Signal Processing -2015
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- 25.S Kalaivani, C Gomathi, **N Santhiyakumari**, Energy Efficient Clustering with Mobile Data Collection in Wireless Sensor Networks, i-manager's Journal on Mobile Applications and Technologies 2 (1), 24 – 2015
- 26.V Saravanan, **N Santhiyakumari**, Notice of Removal: A two level variable step size FxLMS algorithm for active noise control system, International Conference on Electrical, Electronics, Signals – 2015
- 27.R Hemalatha, **N Santhiyakumari**, BJ Lay, Notice of Removal: Comparative study of speckle removing filters and its implementation using UTLP kit, International Conference on Electrical, Electronics, Signals – 2015
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