



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Paper Published in Journal by Faculty

Academic Year 2013-2014

1. Bharathi Raja N and **Gangatharan N.**, “Space Time Block Coded Design for Low Complexity based LDPC Coded OFDM”, International Journal of Computer Science and Engineering Communications, Vol 2(3), pp.439-443, May 2014.
2. Raja C and **Gangatharan N.**, “Appropriate Sub-Band Selection In Wavelet Packet Decomposition for Automated Glaucoma Diagnoses”, International Journal of Automation and Computing, Vol 12(4), pp.393-401, April 2014.
3. Sivaramakrishnan R and **Arun C.**, “Lukasiewicz Logic based Fuzzy Similarity Classifier for Denver Group Chromosomal Classification”, Bioscience Journal, Vol 30(3), pp.843-852, May 2014.
4. Lakshmisudha K and **Arun C.**, “Cross Layer Designs to Optimize the Power Consumption in Wireless Sensor Networks”, Journal of Theoretical and Applied Information Technology, Vol 62(2), pp.380-386, April 2014.
5. Sridhar B and **Arun C.**, “Security Enhancement in Video Watermarking using Wavelet Transform”, Journal of Theoretical and Applied Information Technology, Vol 62(3), pp.733-739, April 2014.
6. Sampath Kumar K and **Arun C.**, “Validation of Various Standard Strategies for Fluorescence Image Denoising of Cardiac Fibroblast Cells”, Research Journal of Information Technology, Vol 6(2), pp.110-123, 2014.
7. Priya Stalin and **Arun C.**, “Design of Twin Precision Multiplier with Low Power and Area Using Clock Pipelining”, World Applied Sciences Journal, Vol 32(11), pp.2303-2308, 2014.
8. Sivaramakrishnan R and **Arun C.**, “Chromosomal Edge Detection using Modified Bacterial Foraging Algorithm”, International Journal of Bioscience and Biotechnology, Vol 6(1), pp.111-122, 2014.

9. Sivaramakrishnan R and **Arun C.**, “Classification of Denver System of Chromosomes using Similarity Classifier guided by OWA Operators”, *Current Bioinformatics*, Vol 9(5), pp.499-508, 2014.
10. Saravanakumar C and **Arun C.**, “Efficient Features Extraction Technique for Cloud Based Application with Interoperability Using Evolutionary Computing”, *Indian Journal of Science Research and Technology*, Vol 1(3), pp. 73-80, December 2013.
11. Sivaramakrishnan R and **Arun C.**, “Segmentation and Removal of Interphase Cells from Chromosome Images using Multidirectional Block Ranking”, *International Journal of Bio-Science and Bio-Technology*, Vol 5(3), pp.1085-1091, 2013.
12. PriyaStalin and **Arun C.**, “Comparison of a Multiplier With Bypassing Techniques and Pipelining in Spartan 3e, Virtex 4 & Virtex 5”, *International Journal of Technology and Engineering Science*, Vol 1(7), pp.1123-1127, October 2013.
13. Saravanakumar C and **Arun C.**, “Interoperable Features Classification Technique for Cloud based Application using Fuzzy Systems”, *Indian Journal of Science Research and Technology*, Vol 1(2), pp.84-88, October 2013.
14. Priyastalin and **Arun C.**, “A Study on Low Power Reconfigurable Fir Filters With Dynamic Change In Filter Order”, *Journal of Theoretical and Applied Information Technology*, Vol 54(2), pp.230-237, August 2013.
15. Sampathkumar K and **Arun C.**, “An Improved Image Denoising Approach using Optimized Variance Stabilizing Transformations”, *International Review on Computers & Software*, Vol 8(8), August 2013.
16. **Sesha Vidhya S., Sivalakshmi P., Shimila R and Chitra A.**, “An Extensive Simulation Analysis of Flat Routing Protocols with 802.11b MAC Using NS-3”, *International Journal of Science and Engineering Research*, Vol 5(2), pp.1218-1221, February 2014.
17. **Arulananth T S., Jayasingh T and Anand S M.**, “PCA Based Dimensionality Reduction for DICOM Images”, *Archives Des Sciences*, Vol 71, pp. 48-57, June 2013.
18. **Sangeethalakshmi K., Sivalakshmi P., Shimila R and Chitra A.**, “A FPGA Implementation of highly security Hybrid Re-configurable Cryptographic Processor with RSA and SEA”, *International Journal of Science and Engineering Research*, Vol 5(2), pp.1307, February 2014.

19. **Vijayakumari D and Dhivya K.**, “Cluster Based Data Aggregation and Authentication Protocol for WSN”, International Journal of Engineering and Scientific Research, Vol 2(2), pp. 187-198, March 2014.
20. **Poovizhi S and Sandhiya G.**, “An Implementation of Scale Invariant Feature Transform (SIFT) Algorithm Using Content Based Image Retrieval”, International Journal of Engineering Sciences and Research Technology, Vol 3(3), pp.1192-1198, March 2014.