

LIST OF PUBLICATIONS

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International Journals

1. P. Thirumurugan, **D. Ramkumar**, ‘Automated Detection of Glioblastoma Tumor in Brain Magnetic Imaging using ANFIS Classifier’, Wiley Periodicals, International Journal of Imaging Systems and Technology, vol.26, issue 2, pp. 151-156, June 2016, DOI:10.1002/ima.22169.
2. K. Senthilkumar, **D. Ramkumar**, ‘Combined Genetic and Fuzzy Approach for Shortest Path Routing Problem in Ad hoc Networks, Springer, Wireless Personal Communications, vol.85, no.3, pp. 1-15, 2015, ISSN:0929-6212, DOI:10.1007/s11277-015-3130-7.
3. **Ramkumar D**, Jacob Raglend I & Batri K, ‘Computer Aided Segmentation of Brain Tissues using Soft Computing Techniques’, American Journal of Applied Sciences, vol.11, no.6, pp. 1016-1024,2014, ISSN:1546-9239, DOI:10.3844/ajassp.2014.1016.1024.
4. **Ramkumar D**, Jacob Raglend I & Batri K, ‘Performance Analysis of Hybrid Lossless Compression for MRI Brain Images’, Asian Journal of Information Technology, ISSN:1682-3915, vol.13, no.5, pp.260-266, 2014.
5. **Ramkumar D** & Jacob Raglend I, ‘Performance Analysis of Image Security based on Encrypted Hybrid Compression’, American Journal of Applied Sciences, vol.11, no.7, pp.1128-1134, 2014, ISSN: 1546-9239, DOI:10.3844/ajassp.2014.1128.1134.
6. **Ramkumar D** & Jacob Raglend I, ‘Performance Analysis of Low Complexity Lossless Compression Scheme for Medical Image Sequences ’, European

International and National Conferences

1. Ramkumar D, 'A Novel Approach for MRI Tissue Classification', presented in the Second International Conference on Design and Applications of structures, Drives, Communicational and Computing Systems (ICDASDC-2013) held at KLN College of Information Technology, Madurai during Nov 29th and 30th 2013.
2. Ramkumar D, 'Classification of Brain Regions using Soft Computing Techniques', presented in the National conference on Emerging Trends in Electrical Engineering (NCETEE2013) at St.Michael College of Engineering and Technology, Kalayarkoil held on 16th March 2013.
3. Ramkumar D, 'Performance Improved Image Security System', presented in the National conference on Communication, Embedded and VLSI (NCCEV2K14) at Theni Kammavar Sangam College of Technology, Theni held on 9th April 2013.
4. Ramkumar D, 'Implementation of VSPIHT CODEC for lossless Video Sequence Compression' in the National Conference on Electronics Systemic Informatics and Cybernetics (ESIC 2009) held at PSNA College of Engineering Technology, Dindigul. March 7th 2009.
5. Ramkumar D, 'Implementation of Energy Efficient Wavelet in Virtual SPIHT' in the Second National conference on Trends And Development In Vlsi And Embedded Systems during 5-6 March 2007at Adhiyamaan College of Engineering, Hosur.
6. Ramkumar D, 'Implementation of SPIHT codec for Lossless Video Sequence compression in the National Level conference on Extreme Engineering and Technological Advancements XETA-2K8 held during 4th and 5th ,April-2008,Jeyam College of Engineering and Technology. Nallanur, Dharmapuri.
7. Ramkumar D, 'Performance Analysis of Biomedical Image Segmentation' in the national level conference Emerging Trends in Electrical Engineering-NCETEE'2013 held on 16th March 2013. St.Michael College of Engineering and Technology. St.santhiyagappanagar, Kalayarkovil, Sivagangai dist.

8. Ramkumar D, 'A Novel Approach of implementing two stage lossless compression Algorithm, presented in the Second national Conference on Convergent Communication Technologies-10" (NCCCT-10) held on 5th & 6th August 2010, held at V.M.K,V. Engineering College, Salem, Tamilnadu.
9. Ramkumar D, 'Design of Low Power Shared LUT Cache Architecture' held on 13th &14th March 2014, held at Sri Subramanya College of Engineering Technology, Palani.