

Dr. Mahalingam College of Engineering and Technology, Pollachi

Department of Electronics and Communication Engineering

Year-2015

International Journals:

1. S Bharathi, R Sudhakar, Valentina E Balas, "Hand Vein-Based Multimodal Biometric Recognition", Journal Of Applied Science, Acta Polytechnic Hungarica, Vol. 12, No.6, pp. 213-219, DOI:10.12700/APH.12.6.2015.6.13,ISSN 1785-8860, 2015
2. C.Kalamani, K.Paramasivam, "Test Data Compression Using a Hybrid of Bitmask Dictionary and 2nd Pattern Run length Coding Methods", International Journal of Computer, Electrical, Automation, Control and Information Engineering (World Academy of Science, Engineering and Technology),Vol.9, No.3, pp. 831-836, P-ISSN: 2010376X , 2015
3. K.Sumathi, K. Suresh Kumar, T. Sathiyapriya, "An Investigation on the Impact of Weather Modeling on Various MANET Routing Protocols", Indian Journal of Science and Technology, Vol 8,No.15, pp. 1-6-59557, P-ISSN: 0974-6846 E-ISSN : 0974-5645, July 2015
4. K.Sumathi, "Compact Dual-Band Inverted L shaped Monopole Antenna for WLAN Applications", ICTACT Journal on Communication Technology, Vo.06, No.04, pp. 1182-1186, E-ISSN: 2229-6948, December 2015
5. E.Kamalavathi, R.Radhalrishnan, "Evaluation of MAC in Vehicular Networks", ARPN Journal of Engineering and Applied Sciences, Vol.10, No.13, pp. 5681-5687, ISSN :1819-6608, July 2015
6. Kamalavathi, R.Radhalrishnan, "Enhanced Multicast Algorithm (EMA-CAH-MAC) for Mobile ADHOC using Cooperative ADHOC MAC in Vehicular AD-HOC Network", International Scientific Journal on Science Engineering and Technology, Vol.18.No.08, pp. 277-291ISSN : 2349-6657, , December 2015
7. J.Rangarajan, K.Baskaran "Evaluating the impact of weather condition MANET routing protocols" International Journal on Electrical Engineering and Informatics,Vo.07,No.03,September 2015,P-ISSN 2085-6830/ E-ISSN 2087-5886 DOI: 10.15676/ijeei.2015.7.3.8
8. T.R.Rajalakshmi, R Sudhakar, "Single Event upset Detection and Hardening Schemes for CNTFET SRAM-A Review" Journal of Engineering Science and Technology Review, Vol.8, No.5, Dec 2015, pp.49-56, ISSN:1791-2377
9. D. Kiruthika Gowri and Dr. R. Sudhakar, "Image registration techniques for improving the resolution of images", International Journal of Applied Engineering Research, Vol. 10, No. 20, April 2015, pp 18255 – 18259.

10. T. Sathyapriya and D. Venkatesh, "Design of beam steered Phased Array Antenna using DGS phase shifters", *International Journal of Applied Engineering Research*, Vol. 10, No. 20, April 2015, pp 18590 – 18595.
11. M. Gayathri and Dr. V.K. Sudha, "Gradient Adjusted Prediction for Multichannel EEG Signal", *International Journal of Applied Engineering Research*, Vol. 10, No. 20, April 2015, pp. 18499 – 18502.
12. Gowri. B, Sumathi. K and Divya. B, " Comparison of Power allocation in Cognitive radio Networks with Barrier and Distribution Method", *International Journal of Applied Engineering Research*, Vol. 10, No. 20, April 2015, pp. 15938 – 15942.
13. R. Vijiprabha and D. Reka, "Tri-mode coupler and Three channel Selector using Synthesized lines", *International Journal of Applied Engineering Research*, Vol. 10, No. 20, April 2015, pp. 18596 – 18601.
14. Josephine Judith Sophia. K and Ajikumar. K, "Design and Analysis of Low Power D flip-flop based on Signal Feed-Through Scheme", *International Journal of Applied Engineering Research*, Vol. 10, No. 20, April 2015, pp.18164 – 18168.
15. S. Devimeena and D. Venkatesh, "Design and implementation of a Beam forming network for a phased array antenna", *Defence Science Journal*, Vol. 65, No. 1, January 2015, pp 46-52, DOI: 10.14429/dsj.65.6940.
16. S. Sindhumathy and D. Venkatesh, "Design of Two Two-Way Out-of-Phase Slotline Power Divider in C-band", *International Journal for trends in Engineering and Technology*, Vol. 3, Issue 1, January 2015, ISSN: 2349 – 9303.
17. Sumathi. K, Kiruthika Gowri. D, Sathyapriya. T and Sureshkumar. K, "Performance Analysis of various MANET Protocols based on Route Processing using different Antenna Models", *International Journal of Applied Engineering Research*, Vol. 10, No. 4, 2015, pp. 9683 – 9696.
18. R. Sherine Jenny and N. Sugirtham, "An Evaluation on the performance of wireless sensor network with wormhole attack", *International Journal of networks and applications*, vol. 6, no. 1, 2015, pp. 11-18.

International Conferences:

1. Ms.E.Kamalavathi, Keerthana Sujini S, "Dissemination of data in Vanet based on clustering", *International Conference on Information Computation and Communication (ICIC2)*, at Kalaigarnkarunaidhi Institute of Technology, Coimbatore, 6th March 2015.
2. V. Gurunathan, S. Bharathi, R. Sudhakar, "A Novel Person Authentication System using Palm Vein Images", *Second International Conference on Digital Image and Signal Processing*, pp.142-148, Bengaluru, India, December 3-4, 2015

3. Ms.S.SindhuMathy, Mr.D.Venkatesh, "Design of Two Two-Way Out-of-Phase Slotline Power Divider in C-Band" in International Conference On Innovations In Communications And Computer Engineering – ICICCE'15 and organised by International journal for trends in engineering and technology (IJTET) held on 15 feb 2015 at Coimbatore institute of technology, Coimbatore, pp.no:24
4. V.Gurunathan, S.Bharathi and R.Sudhakar, "Image Enhancement Techniques for Palm vein Images", International Conference on Advanced Computing and Communication Systems (ICACCS -2015), at Sri Eshwar College of Engineering, Coimbatore, 5-7, January 2015.
5. V.Gurunathan,S.Bharathi and R.Sudhakar, " A New approach for extracting features from Palm vein Images", International conference on Electrical, Instrumentation and Communication Engineering-Recent trends and Research Issues (ICE2-RTRI) at Sri Krishna Institutions, Coimbatore,2-3,January 2015.
6. M. Moorthy, C.Kalamani, "Multistage encoding for test data compression", International conference on Electrical, Instrumentation &Communication Engineering- Recent Trends and Research Issues (ICE2-RTRI), at Sri Krishna Institutions, Coimbatore,2-3,January 2015.
7. K.Sumathi, GowriS,"Implementation of resource allocation for OFDM-based cognitive radio networks with proportional fairness", International conference on Electrical, Instrumentation &Communication Engineering- Recent Trends and Research Issues (ICE2-RTRI), at Sri Krishna Institutions, Coimbatore,2-3,January 2015.
8. K.Sumathi,Divya R, "Implementation of resource allocation for multiuser OFDM-based cognitive radio networks with Heterogeneous services", International conference on Electrical, Instrumentation &Communication Engineering- Recent Trends and Research Issues (ICE2-RTRI), at Sri Krishna Institutions, Coimbatore,2-3,January 2015.

National Conferences:

1. M. Moorthy, C. Kalamani, "Modified BIST using nonlinear register Updation", National Conference on communication, power and instrumentation at M. Kumarasamy College of Engineering, Karur, 13th March, 2015.

Books Published

1. Dr.R.Sudhakar, "Applications of Digital Signal Processing through Practical Approach", Intech publishers, Croatia, Chapters published, ISBN 978-953-51-2190-9, 196 pages, DOI: 10.5772/59529 October 2015