

Sona College of Technology (Autonomous)

Salem – 636005, Tamil Nadu

Department of Electronics and Communication Engineering - PG

Academic Year 2012 - 2013

Journals Publications

- [1] A. Dhanshri and **K. R. Kashwan**, *Visual Aid System Based on Image Matching and Ultrasound Sensor Principles for Blind Persons*, International Journal of Electronics Signals and Systems, May 2013, Vol. 3, Issue-2, Page(s): 20-27, ISSN: 2231-5969.
- [2] Kirthika Anandan and **Kishana R. Kashwan**, *Logic Circuit Design Implementation on FPGA at Reduced Dynamic Power Consumption*, International Journal Computer Applications (IJCA), December 2012, Foundation of Computer Science FCS, New York, USA, Vol. 60, No. 19, Page(s):43-49, ISSN: 0975-8887, Impact Factor: 0.835, DOI: <http://dx.doi.org/10.5120/9811-4420>
- [3] C. M. Velu. and **Kishana R. Kashwan**, *Performance Analysis for Visual DATA Mining Classification Techniques of Decision Tree, Ensemble and SOM*, International Journal of Computer Applications (IJCA), November 2012, Foundation of Computer Science FCS, New York, USA, Vol. 57, No. 22, Page(s):65-71, ISSN: 0975-8887, Impact Factor: 0.835, DOI: <http://dx.doi.org/10.5120/9426-3874>
- [4] Amsavali A. and **Kashwan K. R.**, *A Novel Technique for Multiple Access Interference Reduction in DS-CDMA Wireless Communications*, International Journal of Applied Information Systems (IJ AIS), August 2012, Foundation of Computer Science FCS, New York, USA, Vol. 3, No. 8, Page(s):34-40, ISSN 2249-0868 DOI: 10.5120/ijais12-450600
- [5] S. Swapna Kumar, M. Nanda Kumar, V. S. Sheeba and **K. R. Kashwan**, *Evaluation of Hybrid Ad Hoc Routing for Wireless Sensor Networks*, Journal of Information & Computational Science, Aug 2012, Vol. 9, No. 8, Pages:2107-2115, ISSN:1548-7741, Impact Factor: 0.071, Binary Information Press Limited, Hong Kong, <http://www.joics.com>
- [6] S. Swapna Kumar, M. Nanda Kumar, V. S. Sheeba and **K. R. Kashwan**, *Power Efficient Dynamic MAC Protocol (D-MAC) for Wireless Sensor Networks*, Journal of Information & Computational Science, July 2012, Vol. 9, No. 7, Pages:1795-1805, ISSN:1548-7741, Impact Factor: 0.071, Binary Information Press Limited, Hong Kong, <http://www.joics.com>

Peer Reviewed Publications in Conferences

- [1] **G. Ravi**, *Enhancing Vanet Performance by Dynamic joint Adaption for Transmission Power and prioritization of messages*, Electronics and Communication Engineering, national conference in (NCSCV'13) held on 10th & 11th May 2013 at Anna University Regional Centre, Coimbatore.
- [2] **V. Meenakshi**, *A Filed Programmable Analog Array Design using Vector Matrix Multiplier for low power Signal processing*, Electronics and Communication Engineering, national conference in (NCSCV'13) held on 10th & 11th May 2013 at Anna University Regional Centre, Coimbatore.
- [3] **N. Saisrekha**, *Efficient data embedding technique comparison based on LSB and PPM*, Electronics and Communication Engineering, National Conference on VLSI and Image Processing – NCVLSI'13" held on March 19th 2013.
- [4] **N. Saisrekha**, *Reliable Surveillance for Intruder detection onsea using wireless sensor networks*, department of information Technology, national Conference on recent trends and advances in Information Technology (NCRAIT'13), held on 04th March 2013.
- [5] **V. Meenakshi**, *A New Novel Flip – Flor Teacnique Used in A low Swing LC Resonant Clocking Scheme*, organized by department of mechanical Engineering, National Conference on “ Optimization Techniques in Engineering Science and Technology” (OPTTEST – 2013) during 19-20 April 2013
- [6] **N. Sasirekha**, *Efficient Image Coding Technique based on Stem Identification and various encoding schemes*, in the TEQIP sponsored national conference on Electrical and Instrumentation systems, on 13th April 2013.
- [7] **V. Meenakshi**, *Implementation of high speed architecture of arithmetic coder in FPGA using SPIHT*, Electronics and Communication Engineering, national conference on information and Communications (NCIC'13) held on 12th April 2013.
- [8] **N. Sasirekha**, *A Novel witrlicity for wireless charging*, Electronics and Communication Engineering, national conference on information and Communications (NCIC'13) held on 12th April 2013.
- [9] **G. Ravi**, *Enhanced Energy efficient zone routing protocol for mobile AD HOC Networks using span*, in the National Conference on recent trends in information and communication Technology held during 12-13 April 2013.
- [10] **J. Harirajkumar**, *A Coarse grained recovery boosting technique to enhance NBTI in SRAM array*, in the National Conference on recent trends in information and communication Technology held during 12-13 April 2013.
- [11] **V. Meenakshi**, *VLSI Implementation of Scalable Parallel Architecture for Multilevel Lifting 2 – D DWT*, in the TEQIP sponsored national conference on Electrical and Instrumentation systems, on 13th April 2013.
- [12] Dhanshri A. and **K. R. Kashwan**, *Identification of Dynamic Objects Using MATLAB and LabVIEW for Aiding Blind Persons*, Electronics and Communication Engineering (ECE), 2013, International Conference on, IRNet, ISBN: 978-93-83060-04-7, Pages: 142 – 148, <http://www.irnetexplore.ac.in>
- [13] C. M. Velu and **K. R. Kashwan**, *Visual Data Mining Techniques for Classification of Diabetic Patients*, 3rd IEEE Advanced Computing Conference (IACC), 2013, International Conference on, Print ISBN: 978-1-4673-4527-9, Pages 1070 – 1075. DOI:[10.1109/AICC.2013.6514375](https://doi.org/10.1109/AICC.2013.6514375)

- [14] Velu C. M. and **Kashwan K. R.**, *Heart Disease Diagnosis Using Multiple Kohonen Self Organizing Maps*, Advanced Research in Engineering and Technology (ICARET), 2013, IEEE International Conference on, ISSN: 2214-0344, Vol. 2, Pages 126 – 130, DOI: [03.AETS.2013.2.25](https://doi.org/10.1109/AETS.2013.2.25)
- [15] Velu C. M. and **Kashwan K. R.**, *Multi-level Counter Propagation Network for Diabetes Classification*, Signal Processing, Image Processing and Pattern Recognition (ICSIPR), 2013, IEEE International Conference on, Print ISBN: 978-1-4673-4861-4, INSPEC: 13446303, Pages: 190-194, DOI:[10.1109/ICSIPR.2013.6497986](https://doi.org/10.1109/ICSIPR.2013.6497986).
- [16] Amsavalli A. and **K. R. Kashwan**, *BER Analysis and MAI Cancellation in CDMA Communication System*, Emerging Trends in VLSI, Embedded System, Nano-Electronics and Communication System (ICEVENT), IEEE International Conference on, 2013, ISBN No. 978-1-4673-5300-7, INSPEC: 13431581, Pages: 1-5, DOI: [10.1109/ICEVENT.2013.6496553](https://doi.org/10.1109/ICEVENT.2013.6496553).
- [17] **Kishana R. Kashwan** and Amsavalli Arumugam, *Low Complexity Generalized Punctured Convolutional Codes for OFDM-CDMA based Mobile Radio Communications*, Engineering and Applied Science (EAS), 2012, International Conference on, IASTED, ACTA Press Calgary, Canada, ISBN: 978-0-88986-941-7, Pages: 78-83, DOI: [10.2316/P.2012.785-027](https://doi.org/10.2316/P.2012.785-027)
- [18] Swapna K. Surendran and **Kishana R. Kashwan**, *Energy Efficient Cross Layer Hybrid MAC Protocol for Wireless Sensor Networks*, Engineering and Applied Science (EAS), 2012, International Conference on, IASTED, ACTA Press Calgary, Canada, ISBN: 978-0-88986-941-7, Pages: 407-413, DOI: [10.2316/P.2012.785-127](https://doi.org/10.2316/P.2012.785-127)
- [19] **Kishana R. Kashwan** and Velu C. Muni, *Harmony Search Algorithm Trained Neural Networks for Market Forecasting and Planning*, Engineering and Applied Science (EAS), 2012, International Conference on, IASTED, ACTA Press Calgary, Canada, ISBN: 978-0-88986-941-7, Pages: 239-245, DOI: [10.2316/P.2012.785-114](https://doi.org/10.2316/P.2012.785-114)