**Dr. Mahalingam College of Engineering and Technology, Pollachi**

**Department of Electronics and Communication Engineering**

**Year-2014**

International Journals:

1. *Mr.K.Raghesh Krishnan, Dr.R.Sudhakar, “Focal and diffused liver disease classification from ultrasound images based on isocontour segmentation” IET Image processing, 10 pages,DOI: 10.1049/iet-ipr.2014.0202 , Available online: 19 September 2014,(Impact Factor-0.90 Annexure-I,S.No-3563 ISSN: 1751-9659 E-ISSN: 1751-9667)*
2. *Mr.V.AyyemPillaiVasudevan, Dr.R.Sudhakar, “Computationally Efficient Norm-Based Capacity-Maximising MIMO Joint and Decoupled Antenna Selection Algorithms” Vol. 37,no.4,pp 393-396,August,2014 National Academy Science Letters, A publication from Springer. ,(Impact Factor-0.240 Annexure-I,S.No-6155 ISSN: 0250-541X)*
3. *Mrs.S.Bharathi, Dr.R.Sudhakar, “Biometric recognition using fuzzy score level fusion” International Journal of advanced intelligent paradigms, A publication from Inderscience Vol.6 no 2, pp 81-94, 2014 Print ISSN: 1755-0386 E-ISSN:1755-0394 Annexure-II, S.No-7940 DOI: 10.1504/IJAIP.2014.062169 S.No-7940*
4. *Dr.V.K.Sudha, Dr.R.Sudhakar, “3D Multiwavelet Based Block Coding Algorithm for Compression of Volumetric Medical Images “ International Journal of Imaging Systems & Technology (WILEY-BLACKWEL.) ISSN: 0899-9457 E-ISSN: 1098-1098 Vol.24.No.2, pp 182-192 May 2014 Annexure-I, S.No-3849 Impact Factor-0.639, DOI: 10.1002/ima.22093*
5. *Mr.D.Venkatesh, “A Channel Splitting Technique for Reducing Handoff Delay in Wireless Networks” International Journal of Engineering Research &Technology (IJERT) ISSN:2278 - 0181 Vol.3 Issue 4, April – 2014*

International Conferences:

1. *Thirumarai Selvi Chandraraju and Sudhakar Radahkrishnan, “ Design of 2D-DWT VLSI architecture for Image Compression” Proceedings of the International Conference on Advanced Computational Technologies & Creative Media (ICACTCM’2014) Aug. 14-15, 2014 Pattaya (Thailand) PP 28-32, DOI:http://dx.doi.org/10.15242/IIE.E0814532, ISBN No. 978-81-929653-4-5*
2. *Dr.V.K.Sudha, Ms.Dharshana, “High quality region based compression of abnormal brain images using novel SPIHT algorithm” 2nd International Conference on current trends in Engineering and Technology 26thMarch 2014 at Akshaya EngineeringCollege, Kinathukadava. Volno 1 : page 201-209*
3. *Mrs.K.Sumathi, Ms.P.KirthikaIsruthi, “Implementation of resource allocation in MIMO-OFDMA using NSGA-II” International Conference on Innovations in InformationEmbedded and Communication Systems-2014 13th and 14th Mar 2014 at KarpagamCollege of Engineering, Coimbatore.volume:1*
4. *Mr.J.Rangarajan, Ms.S.Nithya, “Impact of propagation models on AODV” International Conference in Information Embedded and Communication system – 2014, 13th& 14th Mar 2014 at KarpagamCollege of Engineering, Coimbatore. volume:1*
5. *Mr.J.Rangarajan, Ms.AAdhithya Lakshmi, “Performance analysis of source initiated routing protocols” International Conference on Innovations in Information Embedded and Communication Systems-201413th& 14th Mar 2014 at Karpagam College of Engineering, Coimbatore. volume:5*
6. *Ms.Nivethitha, Mr.k.Ajikumar, “IP-OVER-WDM cross layer design for optical networking” International Conference on Innovation in Information Embedded and Communication Systems13th and 14th march 2014 at Karpagam College of Engineering, Coimbatore.*
7. *Mrs.E.Kamalavathi, Mr.AMohammedYaseen, “Enhancement multicast algorithm for mobile ad-hoc using cooperative ad-hoc mac vehicular ad-hoc network (UG)” International Conference on Innovations in Information Embedded and Communication Systems-2014 13th& 14thMar2014 at Karpagam College of Engineering, Coimbatore.volume:5*
8. *Mrs.E.Kamalavathi, Ms.P.S.Sowbarika, “VANET based message transferring in TAXI SERVICE” International Conference in Information Embedded and Communication Systems-2014 13th and 14th March 2014 at Karpagam College of Engineering, Coimbatore.*
9. *Mrs.C.Kalamani,Ms.K.Nithya, “Test data compression using bitmasking and 2n pattern runlength coding” International Conference on Innovations in Information Embedded and Communication Systems-2014 14thMar2014 at Karpagam College of Engineering, Coimbatore. volume:1*
10. *Mrs.C.Kalamani, Mr.M.Dharani, “Design of decoder using modified hybrid weighted symbol flipping for nonbinary LDPC codes” International Conference on Innovations in Information Embedded and Communication Systems-2014 14th Mar2014 at Karpagam College of Engineering, Coimbatore. Volume: 1, PP.119-124.*
11. *Ms.D.Reka, Ms.M.Thirugananasoundari, “Dual Mode Retro reflective Array Using Meander Lines” International Conference On Information Embedded And Communication Systems-2014 13Thand 14th march 2014,at Karpagam College of Engineering, volume :1*
12. *Mrs.K.Sumathi, Ms.N.Sasireka, “Implementation & comparison of Adaptive resource allocation in OFDMA using PSO and GA” International Conference on Innovations in Information Embedded and Communication Systems-2014 21st Feb 2014atKonguEngineeringCollege, Erode.*
13. *K.Kalaivani , C.Thirumaraiselvi , R. Sudhakar ,” Multi resolution transform and artificial neural network based digital image coder” Proceedings of 2014 International Conference on Electronics and Communication Systems (ICECS'14) pp. 1-4, Karpagam College Engineering Department of Electronics and Communication Engineering Coimbatore, India, 13 Feb - 14 Feb 2014, Print ISBN:978-1-4799-2321-2 DOI:10.1109/ECS.2014.6892732*
14. *P.Ramadevi, R.Sudhakar “Automatic diagnosis of ultrasound liver disease using neural networks ”IEEE International conference on emerging trends in science, business and disaster management( Image processing and networking) Volume: 8, Special Issue - II, pp. no 193- 198,28th February 2014 at Noorul Islam University, Thuckalay, Kanyakumari (DT).ISSN No: 0973-2993*
15. *A.Hefilia, K.Faisal, R.Sudhakar “Quality issues in digital image recovery from the print-scan channel” IEEE International Conference on Emerging Trends in Science, Engineering, Business and Disaster Management( Image Processing and Networking) Volume: 8, Special Issue - I, pp. 82 - 87, 28th Feb 2014 at Noorul Islam University, Thuckalay, Kanyakumari (DT). ISSN No: 0973-2993*
16. *R.Sudhakar, U.Jaishankar, S.Manuel Maria Bastin, L.Amoog, “Removal of High Density Salt and Pepper Noise along with Edge Preservation Technique “ Proceedings of International conference on advances in Engineering and Technology -2014 '(ICAET-2014) pp.38-43, 8th and 9th January 2014 at Anjuman College of Engineering and Technology, Nagpur.*
17. *Mrs.S.Bharathi, Ms.Sugunavathy, “A novel approach for human recognition” IEEE International Conference on emerging trends in science, business and disaster management at Image processing and networking 28th February 2014 Noorul Islam University, Thuckalay, Kanyakumari (DT). ISSN No: 0973-2993 Volume: 8, Special Issue - II, pp. no 235-240, Feb 2014.*

National Conference:

1. *Mr.K.Dinesh, “Adaptive Beamforming Algorithms For Wireless Systems” (UG) National Conference on research trends in Electronics and Communication, 21st march, 2014 at St. Joseph College of Engineering, Chennai.*
2. *Mrs.E.Kamalavathi, Mr.G.Gowtham Raja, Mr.S.Muthusambandam, Mr.T.Narayanan, “Intelligent street light control using ZIGBEE” First National Conference On Recent Advances In Science, Engineering &Technologies-RASET 2014, 20th & 21stMarch 2014 at Jay Shriram College of Technology, Koduvai*
3. *Mrs.C.Kalamani, Ms.K.Nithya, “Test data compression using combined bit masking and 2n pattern run length coding” Fourth National Conference on Communication, Information and telematics(CITEL 2014), 13thMar 2014 at Kumaraguru College of Technology, Coimbatore.*
4. *Mrs.C.Kalamani,Mr.M.Dharani, “Modified hybrid weighted symbol flipping decoding for nonbinary LDPC codes Fourth national Conference on Communication, Information and Telematics (CITEL 2014) 13thMar 2014 at Kumaraguru College of Technology, Coimbatore PP.54-59.*
5. *Ms.K.Anbukkarasi, Ms.B.Loganayaki, Mr.S.P.Krishna Kumar, “ZEBRA: Zone based grid routing approach for energy efficiency in WSNs” National Conference on Information processing and Remote Computing 27th & 28th Feb 2014 at PSG College of Technology, Coimbatore.*
6. *Ms.K.Anbukkarasi, MsD.Madhupriyanga, Mr.R.Dhivakar, Ms.S.Azhagupriya, Ms.T.S.B.Mathan Surya, “Leam-R: Low Energy Angular Multi Hop Routing Protocol Based on Rendezvous Approach in Wsns” National Conference on Information processing and remote computing, 27th & 28th Feb 2014 at PSG College of Technology, Coimbatore.*
7. *Mr.D.Venkatesh, “Design and implementation of a power distribution network and a phase shifter for a beam forming network” 5th National Conference on Recent trends in Communication ,Computation and Signal Processing RTCSP - 2014 26th& 27th Feb 2014 at Amrita Vishwa Vidyapeetham, Coimbatore. Electron 5: Technical Report of Department of Electronics and Communication Engineering Volume 5, Issue 1, February 2014.*
8. *Mrs.E.Kamalavathi, Ms.P.S.Sowbarika, “IBPS : Identity based privacy and Security preserving in the framework of VANET” 4th National Conference on Challenges and Innovations in Information Technology (CIIT-2014) 21st Feb 2014 at Kongu College of Engineering*