

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

## **Department of Electronics and Communication Engineering**

### **International Conferences**

1. V. Gurunathan, T. Sathiyapriya, R. Sudhakar, "Multimodal Biometric Recognition System using SURF algorithm", 10th International Conference in Intelligent Systems and Control (ISCO 2016), Vol.2 Karpagam College of Engineering, Coimbatore, January 7-8,2016
2. C.ThirumaraiSelvi, R.Sudhakar, Priyadharshini.G "DWT based watermarking approach for medical image authentication" 10th International Conference in Intelligent Systems and Control (ISCO 2016) January 7-8,2016,Vol.2, pp 707-711.Karpagam College of Engineering, Coimbatore
3. T.Sathiyapriya, V.Gurunathan, R.Sudhakar "Tunable Reflection Type phase shifter using Lange couplers" 1st International Conference in Energy, Environment and Engineering (ICEEE-16), Feb 29-March 02, 2016, Coimbatore Institute of Technology, Coimbatore
4. C.ThirumaraiSelvi, R.Sudhakar "Activity duration function based adder design to implement a modified Distributed Arithmetic FIR Filter design3rd International Conference on Electronics and Communication Engineering 2016(ICECS-2016) at Karpagam College of Engineering Coimbatore, during Feb 25 - 26 2016 ,Vol 6,pp 3750-3753,ISBN 978-1-4673-7832-1/16.
5. Priyadharshini.G, Kalaivani.G, C.ThirumaraiSelvi, R.Sudhakar "Embedding patient Information in medical images using Watermarking approach for Authentication"First International Conference on Emerging Trends in Science ,Engineering and Technology(ICETSET 2016) held at Nanda College of Technology, Erode pp23, 4-5 Mar.2016
6. Priyadharshini.G, Kalaivani.G, C.ThirumaraiSelvi, R.Sudhakar "Non reversible Image Watermarking" International Conference on Green Intelligent Computing and Communication Systems(ICGICCS 2016),10-11 Mar.2016 pp.477 Hindustan College of Technology, Coimbatore.
7. S.Mahalakshmi, S.Bharathi, R.Sudhakar "Biometric authentication using wrist veins" International Conference on Energy, Environment and Engineering (ICEEE 2016) 29th Feb and 1-2 Mar.2016, Coimbatore Institute of Technology, Coimbatore.
8. J.Jaslin deva gifti, K.Sumathi "Zigbee wireless sensor network simulation using hybrid d topology 3rd International conference on Innovations in Information, Embedded and Communication systems (ICIIECS'16),March 18, 2016, Karpagam College of Engineering Coimbatore.

9. N.SakthiyaG.SanthiyaA.VimalaK.Sumathi Detecting Black Hole Attack on MANET with AODV using fuzzy based rule Third International Conference on Innovations in Information, Embedded and Communication Systems (ICIIECS'16),Karpagam College of Engineering,Coimabtoe,17-18th March.
10. Ms.S.BharathiKiruthika S,Arulmozhi S,Kiruthika R "Analysis of Fusion Techniques for Multimodal Biometrics" Third International Conference on Current trends in Engineering and Technology Akshaya College of Engineering andTechnology,Kinathukadavu,Coimbatore-642109,06th April 2016.
11. P.KumananJ.RangarajanEnergy Efficient Cluster Based Data Aggregation In Wireless Sensor Network 1st International Conference on Advances in Engineering, Science and Technology (ICAEST-16),March 04,2016,SBM College of Engineering and Technology, Dindigul.
12. R.Adlin, E.Kamalavathi "Integrated form of modeling and clustering design in VANET" 3rd International conference on Innovations in Information, Embedded and Communication systems (ICIIECS'16),March 18,2016,Karpagam College of Engineering Coimbatore.
13. K.DeviSowndarya, C.Kalamani, K.Paramasivan "Reducing the Test Data Volume by Enhanced Compression Code" International Conference on Innovations in Engineering and Technology (ICIET),K.L.N. College of Engineering, Sivagangai 630612. 6th & 7th April 2016
14. A.Amutha, G.Dharaniraja, R.Mahaeshwari, C.Kalamani "VHDL Based Turbo Encoder and Decoder using CADENCE" Third International Conference on Current trends in Engineering and Technology,Akshaya College of Engineering and Technology,Kinathukadavu, Coimbatore-642109,06th April 2016.
15. B.Gayathri,K.Ajikumar "Cross layer design approach for power control in mobile Adhoc network using AODV protocol" 3rd International conference on Innovations in Information, Embedded and Communication systems (ICIIECS'16),March 18,2016,Karpagam College of Engineering Coimbatore.
16. C.MoulikaMrithubhashini, G.Mugeshkumar, P.Muthumari R.Sherine Jenny Arduinio Controlled CNC machine Third International Conference on Innovations in Information, Embedded and Communication Systems (ICIIECS'16),Karpagam College of Engineering,Coimabtoe,17-18th March 2016
17. Vinodhini.N, Suganya C "Pipelined VLSI Architecture for RSA Based on Montgomery Modular Multiplication International Conference on Innovations in Engineering and Technology (ICIET),K.L.N. College of Engineering, Sivagangai 630612. 6th & 7th April 2016
18. T.Abinaya, M.Abirami, H.Ahanedansari, G.Anand "Detection of Traffic Violation using RFID" International Conference on Recent Innovations in Engineering, Volume 1, April 2016, Sri Subramanya College of Engineering and Technology, Palani.2nd April 2016.

19. B.Deepika, M.Geerthana, B.Harshavarthini, V.Bhuvaneshwari "Power Consumption Surveillance and Control system" International Conference on Recent Innovations in Engineering, Volume 1, April 2016,Sri Subramanya College of Engineering and Technology, Palani.2nd April 2016.
20. E.Vinoth V.Gandhimathi, J.Gayatiri, M.Kirithika "Accident Detection and Ambulance Rescue System using ZIGBEE" Third International Conference on applied Research in Engineering Methodology(ICAREM 2016), ProfessionalGroup of Institutions,Palladam-641662,10-11 March-2016.
21. S.Sugunavathy "Automated fire extinguishing Robot with Monitoring system" International Conference on Advanced Technologies for research and product developments(ICATRPD 2016), 21-22 April 2016,Kathir College of Engineering,Coimbatore-642062
22. S.Gowthama Krishnan, D.Reka, "Tunable RF filter for Multi standard systems in Wireless device" 1st International Conference on Advances in Engineering, Science and Technology (ICAEST-16) at SBM College of Engineering and Technology, Dindigul, March 04,2016.
23. S.Thilagavathi, D.Venkatesh, "Enhancement of Bandwidth of Micro strip patch Antenna using Artificial Magnetic Conductor" 1st International Conference in Energy, Environment and Engineering (ICEEE-16) at Coimbatore Institute of Technology, Coimbatore, Feb 29-March 02, 2016.
24. V.K.Vidhysankari, B.Pradeep Kumar, " Speed Optimized CORDIC Based Fast Algorithm for DCT" International Conference on Innovations in Engineering and Technology (ICIET), K.L.N. College of Engineering, Sivagangai 630612. 6th & 7th April 2016
25. 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
26. Ms.S.SindhuMathy, Mr.D.Venkatesh, "Design of Two Two-Way Out-of-Phase Slot line 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. 24
27. 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
28. 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

29. C.Kalamani, M.Moorthy "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
30. K.Sumathi, Gowri s "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
31. 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
32. Ms.E.Kamalavathi, Keerthana sujini, "Dissemination of data in Vanet based on clustering", International Conference on Information Computation and Communication (ICIC2), at Kalaingar Karunanidhi Institute of Technology, Coimbatore, 6<sup>th</sup> March 2015
33. 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 (ICACTION'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
34. Dr.V.K.Sudha, Ms.Dharshana, "High quality region based compression of abnormal brain images using novel SPIHT algorithm" 2<sup>nd</sup> International Conference on current trends in Engineering and Technology 26<sup>th</sup> March 2014 at Akshaya Engineering College, Kinathukadava. Volno 1 : pp. 201-209
35. Mrs.K.Sumathi, Ms.P.Kirthikalsruthi, "Implementation of resource allocation in MIMO-OFDMA using NSGA-II" International Conference on Innovations in Information Embedded and Communication Systems-2014 13<sup>th</sup> and 14<sup>th</sup> Mar 2014 at Karpagam College of Engineering, Coimbatore. volume:1
36. Mr.J.Rangarajan, Ms.S.Nithya, "Impact of propagation models on AODV" International Conference in Information Embedded and Communication system – 2014, 13<sup>th</sup> & 14<sup>th</sup> Mar 2014 at Karpagam College of Engineering, Coimbatore. volume:1
37. Mr.J.Rangarajan, Ms.Adhithya Lakshmi, "Performance analysis of source initiated routing protocols" International Conference on Innovations in Information Embedded and Communication Systems-2014 13<sup>th</sup> & 14<sup>th</sup> Mar 2014 at Karpagam College of Engineering, Coimbatore. volume:5
38. Ms.Nivethitha, Mr.k.Ajikumar, "IP-OVER-WDM cross layer design for optical networking" International Conference on Innovation in Information Embedded and Communication Systems 13<sup>th</sup> and 14<sup>th</sup> march 2014 at Karpagam College of Engineering, Coimbatore

39. 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& 14<sup>th</sup>Mar2014 at Karpagam College of Engineering, Coimbatore.volume:5
40. 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
41. Mrs.C.Kalamani,Ms.K.Nithya, "Test data compression using bit masking and 2n pattern runlength coding" International Conference on Innovations in Information Embedded and Communication Systems-2014 14<sup>th</sup>Mar2014 at Karpagam College of Engineering, Coimbatore. volume:1
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44. 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 21<sup>st</sup> Feb 2014atKonguEngineeringCollege, Erode
45. 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
46. 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
47. 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

48. 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
  
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51. Ms.K.Anbukkarasi, Ms.D.Kruthika, Ms.K.Gayathri, "An energy efficient quadrant based clustering approach for wireless sensor networks" Proceedings of 4th International Conference on Emerging trends in Engineering and Technology. 25th to 27th October 2013 at Geetha Institute of management and Technology Kanipula, Kurukshetra, India.(Paper available in Association of Computer Electronics and Electrical Engineers, DOI: 03.AETS.2013.3.130,pp. 269 -277)
  
52. Sudhakar.R, Ayyempillai.V. 'V-BLAST Detectors: Performance Investigation in Correlated Condition and Time Analysis Proceedings of IEEE International Multiconference on Automation, Computing, control, Communication and Compressed Sensing(iMac4s) Article no. 25, pp. 166-171 School of Electronics St. Joseph's College of Engineering & Technology, Choondacherry, Palai, Kottayam District, March 22-23 2013. Paper available in IEEE Xplore under Digital Object Identifier: 10.1109/iMac4s.2013.6526390 INSPEC Accession Number: 13566986 Print ISBN 978-1-4673-5089-1)
  
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55. Sudhakar.R, Raghesh Krishnan.K,'Automatic Classification of Liver Diseases from Ultrasound Images Using GLRLM Texture Features' Proceedings of the 5th International Workshop on

Soft Computing Applications (SOFA) Series Vol. 195, pp. 611-624 August 22-24, 2012, Szeged, Hungary Proceedings published by, Springer-Verlag Berlin Heidelberg 2013 with DOI 10.1007/978-3-642-33941-7\_54 print ISBN 978-3-642-33940-0

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60. Mr.B.Pradeep Kumar, Mr.S.Balambigai, Mr.R.Asokan, "ECG de-noising based on hybrid technique", Proceedings of IEEE International Conference on Advances in Engineering, Science and Management (ICAESM), 2012, E.G.S.Pillay Engineering College,, Anna University, Nagapattinam, Page no.285-290, March 2012
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62. Sudhakar.R, Raghesh Krishnan.K, Muthukrishnan.S, 'A Hybrid Approach to Content Based Image Retrieval Using Visual Features and Textual Queries' Proceedings of the International Conference on Advanced Computing (ICOAC 11), pp. 241-247 December 14-16, 2011, Madras Institute of Technology, Chennai, India (Paper available in IEEE Xplore under Digital Object Identifier: 10.1109/ICoAC.2011.6165182 INSPEC Accession Number: 12616980 Print ISBN: 978-1-4673-0670-6)

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