

Dr. Mahalingam College of Engineering and Technology, Pollachi

Department of Electronics and Communication Engineering

International Conferences

1. V.Amudha,R.Sudhakar,"Content based image retrieval using multi features",proceedings of the I-SEC-International conference on engineering trends in engineering and technology,Shanmuganathan engineering college,Arasampatti-622507,June 01-02 ,2017
2. T.Poornima,K.Dhinesh,R.Sudhakar,"Waveform candidates for 5G Mobile communication",IEEE International conference on recent trends in electronics information communication technology,Sri Venkateshwara college of engineering,Bengaluru,Karnataka,May 19-20,2017
3. K.Anuja,T.Sathyapriya,"Metamaterial inspired Ptch antenna",International conference on frontiers in engineering,applied science and technology(FEAST),National Institute of Technology,Trichy ,ISBN 978-81-908388-8-7,Vol.3,pp.145-151,31st March and 1st April 2017
4. T.Sathyapriya,V.Gurunathan,R.Sudhakar,A.Shafeek,"Design of multiband monopole antenna for wireless applications",International conference on wireless communications,signal processing and networking(WISPNET-2017),Sri sivasubramaniya Nadar college of engineering,Chennai,23-24 March 2017
5. Sowmiya M,Nishanth C,SelvaKirubaVs,Anbukkarasi K," Countermeasure against Physical layer attack cognitive radio networks", International conference on recent trends in engineering, computers, Information technology and applications, PSNA college of engineering and technology,Dindigul on 22.3.2017
6. Rambrabha V,Pramothkumar v,Vishnuprasanth V,Senthilkumar J," Multipurpose trash collecting and cleaning robot", 7th International project competition and exhibition, VeltechDr.RR&Dr,SRUniversity,Chennai,on 10.3.2017
7. Aravind JS,Nandhini M,Prabhakaran T,Bharathi S," Automatic ticket vending machine", IEEE International conference in science, technology, engineering and management, Kalaigarkarananidhi Institute of technology,Coimbatore on 3.3.2017- 4.3.2017
8. V.Anita,G.Srinithi,R.Vallabashanmathi,R.Sudhakar,"Plant disease detection and classification",International conference on innovation computing technologies,M.Kumaraswamy college of engineering,Karur,16-17 February 2017
9. V.Gurunathan,T.Sathyapriya,R.Sudhakar,A.Shafeek,"Multimodal Biometric system based on rotation invariant neighbourhood binary pattern",International conference on IOT,Data science and security ICIDS-2017,PSG-Tech,Coimbatore held on 5-7 January 2017,pp.171-180

10. 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
11. C.ThirumaraiSelvi, R.Sudhakar, Priyadharshini.G "DWT based watermarking approach for medical image authentication" 10th International Conference in Intelligent Systems and Control (ISCO 2016), Vol.2, pp 707-711. Karpagam College of Engineering, Coimbatore, January 7-8, 2016
12. 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
13. C.ThirumaraiSelvi, R.Sudhakar "Activity duration function based adder design to implement a modified Distributed Arithmetic FIR Filter design" 3rd International Conference on Electronics and Communication Engineering 2016 (ICECS-2016), Karpagam College of Engineering Coimbatore, Vol 6, pp 3750-3753, ISBN 978-1-4673-7832-1/16, Feb 25 - 26 2016
14. 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), pp 23, Nanda College of Technology, Erode, March 4-5, 2016
15. Priyadharshini.G, Kalaivani.G, C.ThirumaraiSelvi, R.Sudhakar, "Non reversible Image Watermarking", International Conference on Green Intelligent Computing and Communication Systems (ICGICCS 2016), pp.477, Hindustan College of Technology, Coimbatore, March 10-11, 2016
16. S.Mahalakshmi, S.Bharathi, R.Sudhakar "Biometric authentication using wrist veins" International Conference on Energy, Environment and Engineering (ICEEE 2016), Coimbatore Institute of Technology, Coimbatore, 29th February and March 1-2, 2016
17. J.Jaslin deva gifty, K.Sumathi, "Zigbee wireless sensor network simulation using hybrid d topology", 3rd International conference on Innovations in Information, Embedded and Communication systems (ICIIECS'16), Karpagam College of Engineering, Coimbatore, March 18, 2016
18. N.Sakthiya, G.Santhiya, A.Vimala, K.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, Coimbatore, March 17-18, 2017
19. Ms.S.Bharath, iKiruthikaS, ArulmozhiS, Kiruthika R "Analysis of Fusion Techniques for Multimodal Biometrics", Third International Conference on Current trends in Engineering

and Technology, Akshaya College of Engineering and Technology, Kinathukadavu, Coimbatore, 06th April 2016

20. P.Kumanan, J.Rangarajan, "Energy 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.
21. 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.
22. 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
23. 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.
24. 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.
25. 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, Coimbatore, 17-18th March 2016
26. 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
27. 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.
28. 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.

29. E.VinothV.Gandhimathi, J.Gayatiri, M.Kirithika "Accident Detection and Ambulance Rescue System using ZIGBEE" Third International Conference on applied Research in Engineering Methodology(ICAREM 2016), Professional Group of Institutions,Palladam-641662,10-11 March-2016.
30. 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
31. 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.
32. 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.
33. 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
34. 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
35. 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. 24
36. 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
37. 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
38. 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

39. 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
40. 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
41. 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, 6th March 2015
42. 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
43. 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 : pp. 201-209
44. 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 13th and 14th Mar 2014 at KarpagamCollege of Engineering, Coimbatore.volume:1
45. 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
46. Mr.J.Rangarajan, Ms.Adhithya 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
47. 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
48. 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 & 14th Mar 2014 at Karpagam College of Engineering, Coimbatore. volume:5

49. 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
50. 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 14th Mar 2014 at Karpagam College of Engineering, Coimbatore. volume:1
51. Mrs.C.Kalamani, Mr.M.Dharani, "Design of decoder using modified hybrid weighted symbol flipping for non-binary LDPC codes" International Conference on Innovations in Information Embedded and Communication Systems-2014 14th Mar 2014 at Karpagam College of Engineering, Coimbatore. Volume: 1, pp. 119-124
52. Ms.D.Reka, Ms.M.Thirugananasoundari, "Dual Mode Retro reflective Array Using Meander Lines" International Conference On Information Embedded And Communication Systems-2014 13th and 14th march 2014, at Karpagam College of Engineering, volume :1
53. 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 2014 at Kongu Engineering College, Erode
54. 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
55. 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
56. 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
57. 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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59. K.Kalaivani , C.Thirumaraiselvi , R. Sudhakar , " An effective way of image compression using DWT and SOM based vector quantisation" Proceedings of 2013 IEEE International Conference on Computational Intelligence and Computing Research pp. 405-409,VICKRAM COLLEGE OF ENGINEERING, Enathi 26 Dec - 28 Dec 2013 Print ISBN: 978-1-4799-1594-1INSPEC Accession Number:14061105 DOI:10.1109/ICCIC.2013.6724205
60. 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)
61. 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)
62. Ms.K.Anbukkarasi,Mrs.J.Gnanambigai,"Q-Leach: An energy efficient cluster based routing protocol for Wireless Sensor Networks", Proceedings of Intelligent Systems and Control (ISCO), 2013 7th International Conference, 4-5 Jan. 2013 held at Karpagam College Of Engineering Coimbatore (Paper available in IEEE Xplore under Digital Object Identifier : 10.1109/ISCO.2013.6481179 Print ISBN: 978-1-4673-4359-6) pp. 359 – 362
63. Ms.K.Anbukkarasi, Mrs.J.Gnanambigai, "QLEACH: An Energy Efficient Routing Scheme for Wireless Sensor Networks, Proceedings of the second national Conference on Information, Networking and Communication Technologies held on 19th & 20th October 2012 at Dr.Mahalingam College of Engineering and Technology, pp. 14
64. 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 DOI10.1007/978-3-642-33941-7_54 print ISBN 978-3-642-33940-0

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66. Sudhakar.R, Amudha.J, Pradeepa.N, 'A survey on Digital Image Restoration' Proceedings of International Conference on Modelling Optimization and Computing, Vol 38,pp 2378 – 2382 Noorul Islam EnggCollege, published by ProcediaEngineering, Elsevier Ltd Paper available under Digital Object Identifier:10.1016/j.proeng.2012.06.284 April 10-11, 2012
67. Jegatheeswari.P, B. Amudha.J, C. Sudhakar.R, 'Sparse Representation Based Image Deblurring and Super Resolution' Proceedings of the International Conference On Advances In Engineering, Science And Management (ICAESM -2012),pp. 468 – 473, March 30, 31, 2012, EGS Pillay Engineering College, Nagapattinam - 611 002, Paper available in IEEE Xplore under INSPEC Accession Number: 12818550 Print ISBN 978-1-4673-0213-5)
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69. 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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71. 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. 241-247December 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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74. Sudha.V.K, Ashok kumar.N and Sudhakar.R, "Electrical activity of Human Brain-An Early marker for Alzheimer's disease" accepted for presentation in the International Conference on Bioinformatics and computational Biology (World congress for computer Science-2010)at Las Vegas, U.S.A during July 12-15,2010