

Dr. Mahalingam College of Engineering and Technology, Pollachi

Department of Electronics and Communication Engineering

Year-2016

International Journals:

1. J.Amudha, R Sudhakar "Remova of Motion Blur Through Markov Random Field Model" *Asian Journal of Information Technology, MEDWELL Journals, Vol 15, No 1, pp.82-89, 2016. ISSN:1682-3915 DOI: 10.3923/ajit.2016.82.89*
2. S Bharathi, R Sudhakar "Biometric Recognition Using Dorsal and Palm Vein Images" *International Journal of Advanced Engineering Technology, Vol 7, No.2, April-June 2016, pp.415-420, E-ISSN: 0976-3945.*
3. J.Jaslin Deva Gifty, K.Sumathi "Simulation of Wireless Sensor NETWORK with Hybrid Topology" *ICTACT Journal on Communication Technology, Vol.07, No.1, pp.1261-1268, March 2016, E-ISSN: 2229-6948.*
4. K.Dhinesh, K.Meenachi, A.Selvabharathi, S.Senthamilselvan "An Improved LSB Based Steganography Technique for Gray scale and Color Images" *International Journal of Advanced Research in Electronics and Communication Engineering (IJARECE), Vol.5, No.4, April 2016, ISSN: 2278 – 909X International 2016*
5. P.Srinivasan, S.Sowmiya Devi, S.Archana Devi, S.Ganeshpandi, K.Anbukkarasi "Web Controlled Security System using IoT" *International Journal of Research and Reviews in Applied Sciences And Engineering (IJRRASE) Vol .8, No.1 –2016, pp.219-224, ISSN: 2231-0061*
6. K.N. Vijeyakumar, S.Kalaiselvi, K.Saranya "VLSI implementation of High Speed area Efficient Arithmetic unit using VEDIC Mathematics" *ICTACT Journal on Microelectronics, April 2016, Vol.2, No.1, ISSN: 2395-1680, pp.196-202.*
7. Aabitha Nasrin.J, Aarthi.M , Asika Mumtaj.M , Indhu.S, Kalaiselvi.S "ASIC Implementation of MLDD for Error Detection and Correction" *International Journal of Innovative Research in Science, Engineering and Technology, Vol. 5, No.4, April 2016, E-ISSN: 2319-8753P-ISSN: 2347-6710*
8. Aashiq Rismi.I, Gayathri.G, Kowsalya.C, Mohankumar.P "VLSI Based ECG QRS Complex Detector" *International Journal on Applications in Engineering and Technology, Vol2, No. 3, March 2016, pp 6-.12, ISSN (Online):2455-0523*

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) at Karpagam College of Engineering, Coimbatore, January 7-8,2016, Vol.2.
2. C.Thirumarai Selvi, R.Sudhakar , Priyadharshini.G “DWT based watermarking approach for medical image authentication” 10th International Conference in Intelligent Systems and Control (ISCO 2016) at Karpagam College of Engineering, Coimbatore, January 7-8, 2016, Vol.2, pp 707-711.
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) at Coimbatore Institute of Technology, Coimbatore, Feb 29-March 02, 2016
4. C.Thirumarai Selvi, 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) 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.Thirumarai Selvi, 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, pp 23, 4-5 Mar.2016.
6. Priyadharshini.G, Kalaivani.G, C.Thirumarai Selvi, R.Sudhakar “Non reversible Image Watermarking” International Conference on Green Intelligent Computing and Communication Systems(ICGICCS 2016) at Hindustan College of Technology, Coimbatore, 10-11 Mar.2016 pp.477.
7. S.Mahalakshmi , S.Bharathi , R.Sudhakar “Biometric authentication using wrist veins” International Conference on Energy, Environment and Engineering (ICEEE 2016) at Coimbatore Institute of Technology, Coimbatore, 29th Feb and 1-2 Mar.2016.
8. 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) at Karpagam College of Engineering Coimbatore, March 18, 2016.
9. N.Sakthiya, G.Santhyia, 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, 17-18th March 2016.
10. Ms.S.Bharathi, Kiruthika 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 and Technology, Coimbatore, 06th April 2016.

11. 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) at SBM College of Engineering and Technology, Dindigul, March 04,2016,.
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) at Karpagam College of Engineering Coimbatore, March 18, 2016.
13. K.Devi Sowndarya, 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, 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.Ajikummar "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) at Karpagam College of Engineering Coimbatore, March 18 2016.
16. C.Moulika, Mrithubhashini, 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.
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. 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.
19. 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.
20. 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
21. T.Abinaya, M.Abirami H.Ahanedansari, G.Anand "Detection of Traffic Violation using RFID" International Conference on Recent Innovations in Engineering at Sri Subramanya College of Engineering and Technology, Palani, Volume 1, April 2016.

22. B.Deepika, M.Geerthana , B.Harshavarthini, V.Bhuvaneshwari “ Power Consumption Surveillance and Control system” International Conference on Recent Innovations in Engineering at Sri Subramanya College of Engineering and Technology, Palani, Volume 1, April 2016.
23. 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), Professional Group of Institutions,Palladam-641662,10-11 March-2016.
24. 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.

National Conferences:

1. C.Thirumarai Selvi, R.Sudhakar “ Memory Efficient Fast Scanning Modified Lifting based Discrete Wavelet transform architecture for image compression” National Conference on Emerging Trends in Science , Engineering and Technology(NCETSET 2016) at Nehru institute of Technology, Coimbatore Tamilnadu, 4th Mar 2016, pp 67, ISBN no 978-93-85477-75-1.
2. Priyadarshini.G, Kalaivani.G, C.Thirumarai Selvi, R.Sudhakar “Biometric verification for security purpose” 8th National Conference on Computing, communication, Information systems held at Sri Krishna College of Technology, Coimbatore Tamilnadu , India 19-20 Feb.2016
3. Priyadarshini.G, Kalaivani.G, C.Thirumarai Selvi, R.Sudhakar “ Histogram shifting based watermarking approach for Medical image authentication” National Conference on Recent Trends in Information Technology-NCRTIT 2016 held at PSG College of Technology during 29-30 Jan2016.
4. Priyadarshini.G, Kalaivani.G, C.Thirumarai Selvi, R.Sudhakar “ Spy Security using Image Processing” National Conference on Emerging Trends in Science, Engineering and Technology(NCETSET 2016) at Nehru institute of Technology, Coimbatore Tamilnadu, India 4th Mar 2016 , pp 68, ISBN no 978-93-85477-75-1.
5. K.Priyadarshini, V.Revathi, K.B.Sangavi, R.Sudhakar “ Restoration of Images Corrupted by High Density Salt and Pepper Noise Adaptive Mean Deviation Trimmed Median Filter “ Third National Conference on Information, Networking and Communication Technologies(NCINCT’2016), Dr.Mahalingam College of Engineering and Technology,Pollachi-03.April 23,2016
6. Anitha V, Srinidhi G, R.Sudhakar “ Steganography way of Key Generation “ Third National Conference on Information, Networking and Communication Technologies(NCINCT’2016), Dr.Mahalingam College of Engineering and Technology, Pollachi-03.April 23, 2016
7. B.Gowtham, R.Rajaeshwari, M.Chandra, R.Sridharan, K.Sumathi “ Performance Analysis of wireless sensor Network topologies using ZigBee Standard” Third National Conference on Information, Networking and Communication Technologies(NCINCT’2016), Dr.Mahalingam College of Engineering and Technology, Pollachi-03. April 23,2016

8. K.Sabareesh, R.Raghugokulavaishnavi, L.Priyadharshini, E.Kamalavathi " Design of Intelligent Combat Robot with Laser Gun Activation" Eighth National Conference on Emerging Trends in Instrumentation Systems (NCETIS'16), Sri Ramakrishna Engineering College, Coimbatore, March 29th 2016.
9. G.Ragulan, V.Pavithiraaa, S.Pavithra, S.Pasupathi, P.Sathyabama "Witricity with charge Monitoring" Nineth National Conference on Emerging trends in Communication and Information Technology (ETCIT-16), KSR College technology, Tiruchengode-637215, April 22,2016.
10. Bhuvaneshwari.A, Banupriya.R, Manoj.M, P.Sathyabama " WSN based remote monitoring and controlling of urban water supply control system " First National Level Conference on Recent Trends in Electrical Science,23 March,2016. Tamilnadu College of Engineering, Karumathampatti, Coimbatore.
11. Indhumathi T, Kavitha T, Lavanya M, R.Sherine Jenny " Comparison MANET Attacks and its security Measures" National Conference on Emerging trends in communication systems April 2016, Dhirajalal Gandhi College of Technology, Salem 636309, 2nd April 2016.
12. Mallika., Aburaja.N, Sathesh kumar.K, R.Praveen Kumar " Vehicle theft intimation and condition monitoring System" National Conference on Communication and Information Technologies (NCRCTCIT'16), 8th April 2016, SSM Institute of Engineering and Technology Dindigul-624 002.
13. Surendar.T, Boobalakrishnan.K, Surya Kiran.N, Suresh Kumar.R, J.Senthil Kumar " Smart Gas Sensing and Controlling System " National Conference on Communication and Information Technologies (NCRCTCIT'16), 8th April 2016, SSM Institute of Engineering and Technology Dindigul-624 002.
14. S.Gowthama Krishnan, D.Reka " Reconfigurable RF Filter for Mobile devices " National Conference on Signal Processing Information and Communication Engineering, 22 April 2016, PSG College of Technology, Coimbatore.
15. K.Boopathikannan, A.S.Ajayakumar, B.Krishnamoorthy, D.Reka "Embedded based Safety Monitoring System for coir Industry" Sixth National Conference on System Design and Information Processing, 02 April 2016, KPR Institute of Engineering and Technology, Arasur, Coimbatore-641 407
16. S.Thilagavathi, D.Venkatesh " Wide band Monopole Antenna for wireless applications "Third National Conference on Information, Networking and Communication Technologies(NCINCT'2016), Dr.Mahalingam College of Engineering and Technology, Pollachi-03.April 23, 2016
17. Santhosh Kumar.S, Sowmiya K, Sujitha Singh, D.Venkatesh " Tri band Antenna for cellular Applications" National Conference on Communication and Information Technologies (NCRCTCIT'16), 8th April 2016, SSM Institute of Engineering and Technology Dindigul-624 002

18. S.Thilagavathi, D.Venkatesh “ Design of Compact Multiband and Wideband Monopole Antenna for Wireless Applications” National Conference on Signal Processing Information and Communication Engineering, PSG College of Technology, Coimbatore. 22nd April -2016.
19. Sheeba S, Mahalakshmi G, Mohana priya K, Dhinesh K “Virtual mouse by gestures using sixth sense technology” Third National Conference on Information, Networking and Communication Technologies(NCINCT’2016), Dr.Mahalingam College of Engineering and Technology, Pollachi-03.April 23,2016
20. G.Bharath Kumar, E. Bhuvaneshwari, S. Harihara Kumar, R. Hemalatha, D.Parthiban “Intelligent Boundry Aleart System using GPS” National Conference on Communication and Information Technologies (NCRTCIT’16) 8th April 2016, SSM Institute of Engineering and Technology Dindigul-624
21. R.Revathi, A.Priyadarshini, S.Kumaresan, K.Anbukarasi “Energy Efficient Location Based Hierarchical Routing protocol for WSNs” Nineth National Conference on Emerging trends in Communication and Information Technology (ETCIT-16), KSR College of Technology, Tiruchengode-637215,April 22,2016.
22. R.Priyanka, T.Subashri, R.Sindhuja, N.Sugirtham “ Performance Analysis of Cloud Computing using Frame relay and VPN” Third National Conference on Information, Networking and Communication Technologies(NCINCT’2016), Dr.Mahalingam College of Engineering and Technology,Pollachi-03.April 23,2016S.Priyanka
23. J.Jefrina Mary, S.Manikandan, N.Sugirtham Analysis of VOIP and IP Network for Different QOS. Third National Conference on Information, Networking and Communication Technologies(NCINCT’2016), Dr.Mahalingam College of Engineering and Technology,Pollachi-03. April 23,2016
24. Mathivarma G, Vigneshwaran T, Kaviyaran R, N.Sugirtham “ Monitoring and controlling 3 Phase device using wireless technology” National Conference on Emerging trends in communication systems April 2016, DHIRAJALAL GANDHI COLLEGE OF TECHNOLOGY, Salem 636309, 2nd April 2016.
25. Ragulnath K.P , Saipriya V, Rajeshwari A, N.Sugirtham “Performance Enhancement of AODV and DSDV using SZRP” National Conference on Emerging trends in communication systems April 2016, Dhirajalal Gandhi College Of Technology, Salem 636309, 2nd April 2016.
26. Sasikala C, Savitha C, Sumithra P, J.Mary Anita “ HKELM-ABC Approach to predict Sludge Volume Index of Wastewater treatment process” Nineth National Conference on Emerging trends in Communication and Information Technology (ETCIT-16), KSR College of Technology, Tiruchengode-637215, April 22 , 2016.
27. V.Gurunathan , M. Eswaramoorthy, P.Duvarakesh, R. Divya Bharathi ” Smart Zone Based Accident Avoidance System Using Wireless Technology” Fourth National Conference On Emerging Trends in Communication and Networking (ETCAN 2016) 12th March 2016, Kongunadu College of Engineering and Technology, Namakkal-Trichy Main Road, Thottiam.

28. E.Vinoth, N.Nandhakumar, S.Meena, K.Gangaparamewari “ A Novel method for Automated Seed Sowing achine” Fifth National Conference on Challenges in Computing Technology, NCCCT 2016. March 31,216. Angel College of Engineering and Technology, Tirupur.
29. RV Geethapriya, T.Sathiyapriya “ Automatic Solar Panel Tracking and Transferring Solar Energy to Load using PIR Sensor Sixth National Conference on System Design and Information Processing,02 April 2016, KPR Institute of Engineering and Technology, Coimbatore - 641 407
30. S.Kalaiselvi “ Comparison of high performance arithmetic units in 180nm CMOS technology” 3rd National conference on Communication, Computing and Networks –NCCCN2016, Bannari Amman Institute of Technology, Sathyamangalam, March11th &12th, 2016
31. N.Dhivya “ Performance Comparison of Analog to Digital Converter in 180nm CMOS technology 3rd National conference on Communication, Computing and Networks –NCCCN2016, Bannari Amman Institute of Technology, Sathyamangalam, March11th & 12th, 2016
32. N.Divya, T.S.Aarthy, Kumaravel A, Gowri M “ Design of a Low Power Vedic Multiplier Using Adiabatic Logic “ National Conference on recent Evolutions of Computer and Electronics in Power technologies, Karpagam College of Engineering, Coimabtore, 12th Feb2016.

Books Published

1. Dr. R. Sudhakar “ Applications of Digital Signal Processing through Practical Approach” ISBN 978-953-51-2190-9, 196 pages, Intech publishers, Croatia, Chapters published October 28, DOI: 10.5772/59529 2015