

Dr. Mahalingam College of Engineering and Technology, Pollachi

Department of Electronics and Communication Engineering

National Conferences

1. C.ThirumaraiSelvi, 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, India, 4th Mar 2016, pp 67, ISBN no:978-93-85477-75-1.
2. Priyadharshini.G, Kalaivani.G, C.ThirumaraiSelvi, 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. Priyadharshini.G, Kalaivani.G, C.ThirumaraiSelvi, 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. Priyadharshini.G, Kalaivani.G, C.ThirumaraiSelvi, 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.Priyadharshini, V.Revathi, 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 on 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 on 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 on 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-6416
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, 2ndApril, 2016.
12. MallikaAburaja.N, Satheshkumar.K, R.Praveen Kumar "Vehicle theft intimation and condition monitoring System" National Conference on Communication and Information Technologies (NCRTCIT'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 (NCRTCIT'16), 8th April 2016, SSM Institute of Engineering and Technology Dindigul-624 002
14. Suganya C, J.Mary Anita, Indhumathi.V, Karthika.V, Kaviya P,Lavanya K.S "GSM and RFID based smart ration system using UTLP Kit" National Conference on Emerging trends in communication systems April 2016, DHIRAJALAL GANDHI COLLEGE OF TECHNOLOGY, Salem 636309, 2nd April, 2016.
15. S.GowthamaKrishnan, 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.
16. 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

17. 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 on April 23, 2016
18. SanthoshKumar.S, Sowmiya.K, Sujitha Singh, D.Venkatesh "Triband Antenna for cellular Application" National Conference on Communication and Information Technologies (NCRTCIT'16), 8th April 2016, SSM Institute of Engineering and Technology Dindigul-624 002
19. 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.
20. Sheeba.S, Mahalakshmi.G, Mohanapriya.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 on April 23,2016
21. 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-624 002
22. R.Revathi, A.Priyadharshini, S.Kumaresan, K.Anbukkarasi "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.
23. 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, 2016
24. S.Priyanka, 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
25. 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.

26. 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.
27. 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.
28. V.Gurunathan, M. Eswaramoorthy, P.Duvarakesh, R. DivyaBharathi "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.
29. E.Vinoth, N.Nandhakumar, S.Meena, K.Gangaparamewari "A Novel method for Automated Seed Sowing machine" Fifth National Conference on Challenges in Computing Technology, NCCCT 2016, March 31, 2016, Angel College of Engineering and Technology, Tirupur.
30. 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
31. 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, March 11th & 12th, 2016
32. 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, March 11th & 12th, 2016
33. 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, Coimabtoe, 12thFeb2016.
34. M. Moorthy, C. Kalamani, "Modified BIST using nonlinear register Updation", National Conference on communication, power and instrumentation at M. Kumarasamy College of Engineering, Karur, 13th March, 2015.

35. 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.
36. 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 & 21st March 2014 at Jay Shriram College of Technology, Koduvai
37. 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), 13th Mar 2014 at Kumaraguru College of Technology, Coimbatore.
38. 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) 13th Mar 2014 at Kumaraguru College of Technology, Coimbatore PP.54-59.
39. 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.
40. 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.
41. 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.

42. 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
43. Mrs.E.Kamalavathi, Ms.K.Karpagavalli, Ms.M.Maheswari, Ms.K.R.Manjuladevi, Ms.V.Krishnaveni, "Smart home using interactive perception with ZIGBEE" National conference on communication and advanced research in Electrical , Electronics, Robotics at S.N.S college of engineering on March 1st and 2nd 2013.
44. Mrs.C.Kalamani, Mr.V.Mahendrakumar, Mr.P.Lenston Amos, "Voice controlled Zigbee based home automation system" National Conference on advances in Computer Vision and Information Technology, 12th March, 2012 at GCT, Coimbatore. PP:354.
45. Mrs.K.Sumathi, Mr.P.Naveen Kumar, Mr.P.V.Mohan Kumar, "Automated irrigation in agricultural fields" Third national conference on advances in computing, communication, electrical and network technologies, ACCENT-2012 06.03.2012, Sengunthar Engineering College, Erode.
46. Mrs.K.Sumathi, Mr.P.Naveen Kumar, Mr.P.V.Mohan Kumar, "More Crop per drop in Agricultural System using Embedded System" First National Conference on Advanced Embedded and Signal Processing on 01.03.2012 and 02.03.2012, Park College of Engineering and technology, Coimbatore.
47. Mrs.K.Sumathi, Mr.R.Sampath Kumar, Mr.G.Sarath Kumar, "A hybrid approach for improving Load Balancing in Mobile Network" Two Day National Conference on Emerging Trends in Computer Communication and Informatics 10.03.2011 - 11.03.2011, Tamilnadu College of Engineering, Coimbatore.
48. Mrs.K.Sumathi, Ms.M.Swathi Priyadarshini, Ms.K.Shaathanu, "Efficient Data Transmission Using LDPC With Trellis Decoding" Two Day National Conference on Emerging Trends in Computer Communication and Informatics on 10.03.2011-11.03.2011 in Tamilnadu College of Engineering, Coimbatore.
49. Mr.R.Praveen kumar, Mr.T.Gopalakrishnan, " Total variation based image deconvolution for LCD motion blur reduction" Second National Conference On Electrical Sciences And

Technology Innovations (Nest I '10) On 12th & 13th April 2010 on Dr. Mahalingam College of Engineering and Technology, Pollachi.

50. *Sudhakar. R, Kavitha. N, "Comparison of Time frequency transforms in power quality analysis", Proceedings of the Third National Conference on Electrical Instrumentation Systems 2010 held on 19th March, 2010 at Government College of Technology, Coimbatore.*
51. *Mr.R.Praveen kumar, "A Signal processing Approach to Reduce Motion Blur in LCDs by Deconvolution method" National conference on Innovations in Electrical, Electronics and Control Systems (IEECONS 2010) on march 2010 at Kumaraguru College of Technology, Coimbatore.*
52. *Mrs.C. Kalamani, Ms.R.Sherine Jenny, "Reduction of volume of test data for IP cores using multilevel Huffman coding with parallelism" First national Conference on application of emerging Technology in electrical sciences, 9th April, 2009 at Vellalar College of Engineering and Technology, Erode. PP: 506.*
53. *Mrs.K.Sumathi, Ms.S.Narmadha, "Similarity Based Online Feature Selection in Content based Image Retrieval" National Conference on 14.03.2008-15.03.2008, Mepco Schlenk Engineering College, Sivakasi.*
54. *Mrs.C.Kalamani, Ms.K.Krishnaveni, "An advanced cryptosystem using VLSI simulation" 3rd National Conference on Signals, Systems and Security(NCSSL – 2008) – 28th Feb at Bannari Amman Institute of Technology, Sathyamangalam.*