

SSN COLLEGE OF ENGINEERING, KALAVAKKAM-603110
DEPARTMENT of ELECTRONICS and COMMUNICATION ENGINEERING
Students Publications
June 2013-May 2014

International Journal publications: Under Graduate

1. Prabagarane N, **Yuvika Ashwina R, Sabarish Karthik, Prasaanth M**, "Performance of multi user transmitter preprocessing assisted MIMO system over correlated Frequency selective channel", Elsevier -Physical Communication , Vol 7, June 2013, pp 61-72. ISSN No: 1874-4907 , IF: 2.45
2. Kuttathatti Srinivasan Vishvaksenan, R.Seshasayanan and **Yuvaraj Krishnamoorthy** ," Performance of joint transmit scheme assisted multiple-input multiple-output multi-carrier IDMA system", Elsevier Journal of computers and Electrical Engineering, 2013, Vol.39, pp.984-995, June 2013. IF: 0.97
3. **John Wiselin, Sreeja B S, Bycil Viswambaran Jalaja, Sherin Dhas Sahayadas Padma Ramani, Rajesh Prasad, Sheeba Devaraj Suhaila Shahul, and Sowmya Swaminathan**, "A Low Cost Carbon Nanofiber Based Spiral Inductor: Inference and Implementation," Advances in Materials Science and Engineering, vol. 2014, Article ID 384917, 8 pages, 2014
4. K. J. Jegadish Kumar, K. Chenna Kesava Reddy, S. Salivahanan, **S. D. Karthik, V. Praveen**, "Exclusive -128 Bit NLFSR Stream Cipher for Wireless Sensor Network Applications," International Journal of Engineering and Technology, Volume 5, No. 5, OCT-NOV 2013, pp 3668-3675 , IF: 0.14, ISSN NO: nil.
5. S.Sakthivel Murugan, V.Natarajan, **S.Prethivika**, " Hardware Implementation of Kalman Least Mean Square-Based Adaptive Algorithm for Denoising Ambient Noises in Shallow Wter Region", Fluctuation and Noise Letters, Volume 13, No. 3, May 2014 DOI: 10.11142/S0219477514500187.
6. K.S.Vishvaksenan, R.Seshasayanan, **Sudharssun Subramanian**, "Performance of Dual –Polarized DST TD-IDMA system over correlated frequency selective channels", Computers and Electrical Engineering, Elsevier, 40 (2014), pp 1296-1350.

International Journal publications: PG: Communication Systems

7. **Anand A**, 'Design and Fabrication of Miniaturized Diplexer for Antenna Applications', International Journal of Engineering Development and Research(IJEDR),Vol. 2,Issue 2,ISSN:2321-9939.
8. **Balaji M**, S.Ramprabhu, 'Design of Multiband Monopole Slot Antenna for GSM/DCS/PCS/UMTS Applications', Trends In Technology for Convergence, International Journal of Research in Engineering and Technology.
9. **Biju N**, K J Jegadish Kumar, 'Security Analysis of Exclusive 128 bit NLFSR Based Stream Cipher', International Journal of Advanced and Innovative Research, Vol.3, Issue:4, ISSN:2278-7844.
10. **Elakkiya.M**, Edna Elizabeth.N., "Opportunistic routing to forgo flooding attacks in MANETs," Proceedings of NCETSE '14, National Conference on Emerging Technologies in Software Engineering, March 25-26th 2014 at SRM University. Also published in IJEDR: International Journal of Engineering Development and Research, ISSN: 2321 - 9939, pp 34 - 40. Imp fact: 1.79, India, DOI – nil(Best Paper)
11. **Kamaraj V**, K J Jegadish Kumar, 'Cellular automata based lightweight feistel block cipher', International Conference on Science and Innovative Engineering(ICSIE), apr 5,6 -2014, Jawahar Engineering College, Chennai. International Journal of Science and Innovative Engineering & Technology (IJSIET),pp:172, ISBN 978-81-904760-5-
12. **DhivyabharathiD**, Dr. S. Sundaravadivelu,"Joint Channel and carrier frequency offset estimation in decode and forward multi-relay cooperative network using the PM-EX algorithm",International Conference on Engineering Technology and science (ICETS-2014), feb 10,11,12, Muthayammal College of Engineering, Rasipuram, IJIRSET, Volume 3, Special Issue 1, Feb-2014, ISSN(Online): 2319-8753.
13. **Alagurani S.Aasha Nandhini**, S.Radha, 'Energy analysis of compressed sensing in wireless multimedia sensor network', National conference on emerging technologies in software engineering (NCTESE), International Journal of Engineering Development and Research (IJEDR),ISSN:2321-9939, pp42-48.
14. **CibiSavio. X**, S. Hanis, 'Earlier Detection of Diabetic Retinopathy Using Crest Region Analysis',International Conference on Recent Innovations in Science, Engineering and technology, Institute of Research and Journals (IRAJ). Dehradun, 26 th April-2014, ISBN: 978-93-84209-11-7.
15. **SudharsanS ,Vinoth raja P, Durai S**, 'Hidden Markov Model Based Speech Recognition ROBOT Using PIC Microcontroller 16F877A', International Conference on Science and Innovative Engineering (ICSIE), April 5,6 -2014, Jawahar Engineering College, Chennai. International Journal of Science and Innovative Engineering & Technology (IJSIET), pp: 172-173, ISBN 978-81-904760-5-8 (BEST PAPER AWARD).
16. **Vigneshwaran.N**, K.J.Jegadish Kumar, 'Two Dimensional Cellular Automata Based Design of Private Key Encryption Algorithm', National conference on emerging technologies in software engineering, International Journal of Engineering Development and Research(IJEDR),ISSN:2321-9939

17. **Kiran Reddy**, K.J.Jegadish Kumar, 'Implementation and Analysis of a Novel Block Cipher', Internatinal Journal of Computer Applications(IJCA), Vol.89, Issue:8, ISSN:0975-8887
18. **Monika M**, S.Karthie, 'Performance Comparison of Microstrip Bandpass Filter topologies on different substrates', IEEE International Conference on Innovations in Engineering and Technology(ICIET'14), March-21&22-2014, K.L.N College of Engineering, Madurai. International Journal of Innovative Research in Science, Engineering and Technology, Vol 3, Special Issue 3, March-2014, pp: 652-656, ISSN (online):2319-8753.
19. **Roji Varghese Rajan**, B. Partibane, 'Group Signature based Location Verification in VANET under Non-line of Sight Conditions', International Conference on Science and Innovative Engineering (ICSIE), April 5,6 -2014, Jawahar Engineering College, Chennai. International Journal of Science and Innovative Engineering & Technology (IJSIET), pp:173, ISBN 978-81-904760-5-8
20. **Priyanga N**, S.Karthie, 'Performance comparison of microstrip filter topologies on different substrates', IEEE International conference on innovations in engineering and technology(ICIET'14), 21&22 March 2014. K.L.N college of engineering, Madurai. International journal of innovative research in science, engineering and technology, vol 3, special issue 3, pp.652-656, March 2014, ISSN(online):2319-8753
21. **Sudharsan S**, Hemalatha R, Dr.S.Radha, 'Energy Analysis for Image Transmission in WMSN using Compressed Sensing', International Conference on Emerging trends in Science, Engineering, Business & Disaster Management (ICBDM 2014) at Noorul Islam University, Kumaracoil on 28.2.14, International Journal of Emerging Technologies, Volume 8, Special Issue I, pp:319-323, Feb 2014, ISSN No : 0973-2993
22. **Sahana S**, Dr.R.Amutha, 'Energy Efficiency in Wireless Sensor Networks using Data Aggregation', National conference on emerging technologies in software engineering, International Journal of Engineering Development and Research(IJEDR), ISSN:2321-9939.
23. **Sangeethapriya S**, Dr.R.Amutha, 'Minimization of Energy Consumption in Wireless Sensor Networks', National conference on emerging technologies in software engineering, International Journal of Engineering Development and Research(IJEDR), ISSN:2321-9939.
24. Kalaiarasan R and **M.Anbuselvi**, "Modification in the Construction of Non-Binary LDPC Decoder using Stochastic Computation" International Journal of Computer Applications(IJCA), vol. 91, no. 17. April 2014 Edition, USA. ISSN: 0975-8887, Impact factor-0.835, pp no 38-42.(PG)
25. Keerthana P, **V. Vaithianathan** " Analysis of active feedback and its influence on UWB Low noise amplifier" published in the International Journal of Computer applications, ", Vol: 89, no: 18, pp no: 29-35, doi: 10.5120/15733-4745, (PG)
26. Sivanesan T, **Sreeja B.S.**, "MEMS Based Design of Energy Harvesters for Wireless Sensor Nodes" International Journal of Emerging Technologies, Volume 8, Feb 2014, ISSN No.:0973-2993(PG)
27. Vinodhini G., **V. Vaithianathan**. J. Raja, R. Srinivasan, "Reconfigurable LNA for MB-OFDM Receiver using Active Inductor" International Journal of Computer Applications (0975 – 8887) Vol 89-No.18, March 2014.(PG).

28. **Edna Elizabeth N.**, Subasree S., and Radha S., "Enhanced Secure Key Management Scheme for MANETs", WSEAS Transactions on Communications, Volume 13, Feb 2014, PP 15-25, ISSN No. 1109-2742, IF : 0.605, DOI-nil
29. Nirmala.K and **Venkateswaran. N**, "Analysis of enhancement techniques for retinal images", International Journal of Scientific & Engineering Research, vol.5, no.4, pp. 266-271, 2014.
30. P.Elaveni and **Venkateswaran. N**, "Feature Extraction and Classification of Hyperspectral Images using Novel Support Vector Machine based Algorithms", International Journal of Scientific & Engineering Research, vol.5, no.4, pp. 255-260, 2014.
31. S.Devipriya and **Venkateswaran. N**, "Optimization of Power allocation in Relay based Cooperative communication using amplify and forward Protocol", International Journal of Scientific & Engineering Research, vol.5, no.4, pp. 227-231, 2014.
32. D.Aishwarya and **Venkateswaran. N**, "Analysis of Variational methods in Image restoration", International Journal of Scientific & Engineering Research, vol.5, no.4, pp. 261-265, 2014.

International Journal publications: PG: Applied Electronics

33. **Kalaiarasan R** and M.Anbuselvi," Modification in the Construction of Non-Binary LDPC Decoder using Stochastic Computation" International Journal of Computer Applications(IJCA), vol. 91, no. 17.April 2014 Edition,USA.ISSN: 0975-8887,Impact factor-0.835,pp no 38-42.

International Journal publications: VLSI

34. **Keerthana P**, V. Vaithianathan " Analysis of active feedback and its influence on UWB Low noise amplifier" published in the International Journal of Computer applications, ", Vol: 89, no: 18, pp no: 29-35, doi: 10.5120/15733-4745, (PG)
35. **Rathinavelu S,K.K** Nagarajan,"45nm MGFET Based ADC Design with Dithering", International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET) ,Volume 3, Special Issue 3, March 2014,ISSN(Print) : 2347 - 6710, ISSN(Online): 2319 – 8753
36. **Santhoshkumar K**, Srinivasan R., "Effect of Stress on the Performance of Silicon Solar Cell"International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET) ,Volume 3, Special Issue 3, March 2014, ISSN(Print) : 2347 - 6710, ISSN(Online): 2319 - 8753, Impact Factor- 1.672
37. **Sivanesan T**, Sreeja B.S., "MEMS Based Design of Energy Harvesters for Wireless Sensor Nodes"International Journal of Emerging Technologies, Volume 8, Feb 2014, ISSN No.:0973-2993
38. **Vinodhini G.**, V. Vaithianathan. J. Raja, R. Srinivasan, "Reconfigurable LNA for MB-OFDM Receiver using Active Inductor"International Journal of Computer Applications (0975 – 8887) Vol 89-No.18, March 2014.

International Journal publications: Research Scholars

39. Asnath Vicky Phamila and **R. Amutha**, "Low Complexity Multifocus Image Fusion in Discrete Cosine Transform Domain", *Optica Applicata*, Vol.43, No.4, pp.No. 693-706, 2013.
40. Aasha Nandhini Sukumaran, **R Kishore and S Radha**, "A Novel Frequency Hopping Spread Spectrum Technique Using Random Pattern Table for WSN", *Ad Hoc and Sensor Wireless Networks*, Vol.0, pp.No.1-21, July 2013.
41. Asnath Vicky Phamila Y and **R Amutha**, "Low Complexity Energy Efficient very Low Bit Rate Image Compression Scheme for Wireless Sensor Network", *Information Processing Letters*, pp.No.672-676, 2013.
42. Asnath Vicky Phamila Y and **R Amutha**, "Low-Complex energy-aware Image Communication in Visual Sensor Networks", *Journal of Electronic Imaging*, Vol.22, No.4, pp.No.1-12, December 2013.
43. Subramanian Ganesh and **R Amutha**, "Efficient and Secure Routing Protocol for Wireless Sensor Networks through SNR based Dynamic Clustering Mechanisms", *Journal of Communications and Networks*, Vol.15, No.4, pp.No.422-429, August 2013.
44. Subramanian Ganesh and **R Amutha**, "Efficient and Secure Routing Protocol for Wireless Sensor Networks-Results and Discussions", *Journal of Theoretical and Applied Information Technology*, Vol.57, No.2, pp.No.191-208, November 2013.
45. **R Kishore**, T Sumathra, C Divya and P Nirmala, "Simple and Flexible Key Pre Distribution Schemes for Wireless Sensor Networks", *International Journal of Electronics, Electrical and Computational System (IJEECS)*, Vol.3, pp.No.130-138, May 2014.
46. P Nirmala, **R Kishore**, C Florintina, S.VE Lakshmi and M Mahalakshmi, "Wireless Sensor Network for Campus Monitoring", *International Journal of Innovations & Advancements in Computer Science (IJIACS)*, Vol.3, pp.No.132-139, June 2014.
47. Asnath Vicky Phamila Y and **R Amutha**, "Discrete Cosine Transform based Fusion of Multi-focus Images for Visual Sensor Networks", *Signal Processing*, pp.No. 161-170, 2014,

SSN COLLEGE OF ENGINEERING, KALAVAKKAM-603110
DEPARTMENT of ELECTRONICS and COMMUNICATION ENGINEERING
Students Publications
June 2013-May 2014

International Conference: Under Graduate

1. R. Hemalatha, S.Radha, N.**Raghuvarman**, **B.Soumya** and **B.Vivekanandan**, "Energy Efficient Image Transmission over Bandwidth Scarce WSN using Compressed Sensing" in the proceedings of the International Conference on IT and Intelligent Systems (ICITIS'2013), Penang, Malaysia, Aug 2013, pp. 57-61 **(Best Paper Award)**.
2. **Ananya Ravi**, **Alagu Sanjana**, **Banushri Sridharan**, "Detection of water pollution through image analysis of Algal species", International Conference on Environment and sustainable technologies at Manipal university, Jan 2014.
3. **Kaushik Srinivasan**, **Febin steve Jose**, **Alakar Srinivasan R**, " Development of Integrated designing module for collection and treatment of electronic waste(smart phones and computers) International Conference on Environment and sustainable technologies at Manipal university, Jan 2014.
4. **Shruthi K**, **Y.Sailini chithra**, "Modelling and Experimental Validation of electro-thermal Actuators for Optical applications" sixth ISSS National Conference on MEMS at R&DE , Pune, September 2013.
5. Aasha Nanadhini .S , Radha.S , **Reshma . M**, **Shiwani Hariraman** , **Swathi. P**, "Video Compression Sensing Framework for WMSN using a Combination of Multiple Matrices", proceeding if ICNGCCT ,pp.131-135, April 23 and 24 2014.
6. Muthumeenakshi.K,Radha.S,**Sudharsana.R,Tharini.R**, "Intelligent Decision Making with Improved Energy Detection for Precise Spectrum Sensing in Cognitive Ratio", International Conference on Artificial Interlligence and Evolutionary Algorithm in Engineering Systems-ICAEES-361,2014.
7. **Suvasini.L,Preethivika.S**,Sakthivel Murugan.S,Natarajan.V, "Extraction of Binary Sequences in a Frequecy Shift Keying Modulated Signal by Empirical Mode Decomposition Algorithm Against Ambient Noises in Underwater Acoustic Channel",ICAEES-387,2014.
8. **Dhanalakshmi.P,Divya.S,Kamila.S.A**, Muthumeenakshi.K,Radha.S, "Modelling and Analysis of Cognitive Radio with Multiple Primary/Secondary Users and Imperfect Sensing",OECD-363.April 2014.
9. **Reshma.M,Shiwani Hariraman,Swathi.P**,Aasha Nandhini.S,Radha.S, "Video Compressed Sensing using CoSaMP Recovery Algorithm",International Journal of Engineering Development and Research ISSN 2321-9939, pp.1-7.
10. Suresh R Norman,**Tamilppavai R,Pratyusha.J**, **Rajyalakshmi.M**, "Energy Efficient Wundow and Blinder Automation System".

11. Vinoth kumar.C,Natarajan.V,**Putta Harshitha,Rashmi Bachala,Yadati Lasya**, "Reversible Water Marking Based on Difference Expansion Prediction Techniques",National Conference on Computer Communcation Networking NC3N-2014.
12. **Alagu Sanjanan Haribhaskaran**, Prabagarnane Nagaradjane and Nagarajan Velmurugan, "Performance of Co-operative Diversity aided Downlink MC-DS-CDMA System using Transmitter Preprocessing", International Conference on Communication and Signal Processing , April 3-5, 2014, India.
13. **Bhanusri Sridharan**, Prabagarane Nagaradjance and Nagarajan Velmurugan, Senior Member IEEE, "Performance of Relay-Assisted MC-CDMA Downlin system Using Quantized CIRs Feedback Based Transmitter Preprocessing", International Conference on Communication and Signal Processing , April 3-5, 2014, India.

International Conference: PG: Communication Systems

14. **Ananya Ravi**, Prabagarane Nagaradjance and Nagarajan Velmurugan , Senior member IEEE, " Performance of Co-operative Communication aided MC-CDMA system using Transmitter Preprocessing based on Vector quantized CSI", International Conference on Communication and Signal Processing , April 3-5, 2014, India.
15. **Achuthan E.R. Kishore**, 'A Novel Anti Jamming Technique For Wireless Sensor Networks',International Conference on Communication And Signal Processing,IEEE (978-1-4799-3357-0) April 3-5,2014 page no :1780-1784.
16. **Aishwarya D**, Dr.N.Venkateswaran,'Analysis of Partial Differential Equation based Image Restoration Algorithms', International Conference on Computational Systems in Engineering and Technology (ICCSET-2014), 7 & 8th March,2014, pp.481-485, 978-1-4799-3814-8/14/\$31.00©2014 IEEE Explorer
17. **Aishwarya D**, Dr.N.Venkateswaran, "Modelling and Analysis of Image Restoration Using Variational Methods International Conference on Electrical, Communication & Computing (ICECC-2014),13& 14th March,2014.
18. **Deepa R**, Edna Elizabeth.N, 'Key management technique for Mobile AD HOC Network',International Conference on trends in Mechanical, Areonautical, Computer, Civil, Communication and Electrical Science (ICMACE- 2014), Feb 19th&20th,Tamizhan college of engineering, kanyakumari.
19. **Deepa.R**, Elakkiya M, Dr.Edna Elizabeth 'Trust Model Based Opportunistic Routing in MANETs' International Conference on advanced Computing and Communication technologies. ICACCT '13, ISBN: 978-93-83083-38-1, November 16th, 2013, Panipat, Haryana, India, pp 218-223.
20. **Devipriya S**, Dr.N.Venkateswaran, 'Performance Analysis of Power Optimization in Amplify and Forward Cooperative Communication', International Conference on Computational Systems in Engineering and Technology (ICCSET-2014) on 7 & 8th March,2014.
21. **Devipriya S**, Dr.N.Venkateswaran, 'Power Optimization Computation Using Bacterial Foraging Algorithm in Cooperative Communication', International Conference on Electrical, Communication & Computing,(ICECC-2014) on 13& 14th March,2014.

22. **Divya.S**, 'Performance analysis os STBC based MIMO OFDM system and PAPR reduction techniques', International Conference on electrical, communication and computing technology. (ICECCT-2014), march 13th and 14th.
23. **Elakkiya M**, Deepa.R, Dr.Edna Elizabeth 'Trust Model Based Opportunistic Routing in MANETs' International Conference on advanced Computing and Communication technologies, ICACCT '13, ISBN: 978-93-83083-38-1, November 16th, 2013, Panipat, Haryana, India, pp 218-223.
24. **Elakkiya M**, Dr.Edna Elizabeth, 'Opportunistic routing to mitigate attacks in MANET', International conference on Recent Trends in Information Technology (ICRTIT'14), ICRTIT'14. (yet to be published in IEEE xplore), MIT, Chromepet, April 10th to 12th, 2014
25. **Elaveni P**, Dr.N.Venkateswaran, 'Kernel based Classification of Hyperspectral Images', International Conference on Computational Systems in Engineering and Technology (ICCSET-2014) on 7 & 8th March,2014.
26. **Elaveni P**, Dr.N.Venkateswaran, ' A Novel Algorithm for the Classification of High Dimensional Hyperspectral Data', International Conference on Electrical, Communication & Computing,(ICECC-2014) on 13& 14th March,2014.
27. **Jebalin Mary J**,Dr.R.Rajavel, 'Correlogram based pitch detection for noisy speech', International Conference on trends in Mechanical, Areonautical, Computer, Civil, Communication and Electrical Science (ICMACE- 2014), Feb 19,20, Tamizhan college of engineering, kanyakumari.
28. **Karthick K**, Dr.R.Amutha, 'Minimum Energy Consuming Route in a multihop wireless sensor networks',International Conference on Futuristic Trends inComputer Science Engineering & Information Technology – ICFTCS, March 1 and 2, 2014, Thiruvalluvar College of Engineering and Technology, Vandavasivol. 2 no. 5 pp.27-32 March 2014.
29. **Madhan Mohan,B. Partibane**, 'Secure precise location and verification on MANET',International Conference on Futuristic Trends inComputer Science Engineering & Information Technology – ICFTCS, March 1 and 2, 2014, Thiruvalluvar College of Engineering and Technology, Vandavasi. vol. 2 no. 5 pp.72-78 March 2014.
30. **Rajkumar K.S**, B. Partibane, 'Advanced Secure Intrusion Detection System For Manet',International Conference on Futuristic Trends inComputer Science Engineering & Information Technology – ICFTCS, March 1 and 2, 2014, Thiruvalluvar College of Engineering and Technology, Vandavasi. vol. 2, no. 5 pp.102-107 March 2014.
31. **Ramya T**,Lilly christina S, Vijayalaksmi P, Nagarajan T, 'Analysis on MAP and MLLR based Speaker Adaptation Techniques in Speech Recognition', IEEE International Conference on Circuit, power and computing technologies(ICCPCT 2014), pp:1753-1758, (20 & 21 March 2014), Noorul Islam University,Kanyakumari, (Best Paper) ISBN No - 978-1-4799-2395-3.
32. **Sangeethapriya S**, Dr.R.Amutha, 'Reliable Data Transmission in WSNs', International Conference on Information and Communication & Embedded systems(IEEE ISBN:978-1-4799-3834-6/14/31.00@2014).

33. **Sahana S**, Dr.R.Amutha, 'Data Aggregation in WSNs', International Conference on Information and Communication & Embedded systems(IEEE ISBN:978-1-4799-3834-6/14/31.00@2014)
34. **Sreenidhi S**, Anushiya Rachel G, Vijayalakshmi P, Nagarajan T, 'LP and TD-PSOLA-Based Incorporation of Happiness in Neutral Speech Using Time-Domain Parameters', IEEE International Conference on Circuit, Power and Computing Technologies (ICCPCT-2014),pp.1158-1162, 20-21 March,2014, Noorul Islam University, Kanyakumari ISBN No.:- 978-1-4799-2395-3
35. Dr.S.Radha, Hemalatha R, **Sudharsan S**, 'Energy Analysis for Multihop Image Transmission in WMSN Using Compressed Sensing', International Conference on Next Generation Computing and Communication Technologies 2014 (ICNGCCT '14) at Dubai UAE,Proceedings ISBN:978-973-83303-42-7.
36. **Sagul Hameed, Ramani.B**, "Comparison of GCI Estimation Techniques for GMM based Cross-lingual Voice Conversion", International conference on Emerging Trends in Science, Engineering and Technology May 2014, pp 340-345.

International Conference: Applied Electronics

37. **M.Amritha preethi** and Dr.S.Sundaravadivelu," Design of safety equipment for Railroad level crossing using Ultrasonic range finder", 3rd International Conference on Futuristic Trends in Electronics Engineering-2014, Thiruvalluvar College of Engineering and Technology,Vandavasi.
38. **L.Anupriya** and S.Joseph Gladwin," Channel Estimation for MIMO OFDM Systems using Super imposed Training in VLSI", IEEE International Conference on Communication and Signal Processing-2014, Adhiparashakthi Engineering College,Melmaruvathur. pp.1482-1486.
39. **D.R Apurva veda** and G.Durga ," performance analysis of Acoustic signals from rotating machines for wear detection" International Conference on Advance Research in Engineering & Technology-2014,ARM College of Engineering,Chennai. , pp: 154-157.
40. **Chandrasekar L** and G.Durga," Implementation of Hough Transform for Image Processing Applications" IEEE International Conference on Communication and Signal Processing-2014, Adhiparashakthi Engineering College,Melmaruvathur.pp. 1060-1064.
41. **Dhivya S** and Dr.B.S.Sreeja," Design of Highly Efficient Narrowband Class-E Power Amplifier with inverter as Pre-Driver" IEEE International Conference on Communication and Signal Processing-2014, Adhiparashakthi Engineering College,Melmaruvathur. pp. 66-70.
42. **Elizabeth J C** and Dr.A.Jawahar," Development of Feature Extraction Algorithm for On-road and Off-road Terrains using GLCM" International Conference on Advance Research in Engineering & Technology-2014,ARM College of Engineering,Chennai.
43. **Joshitha C** and Dr.B.S.Sreeja," Design and Analysis of Bistable MEMS Switch" 4th IEEE International Conference on Information Communication and Embedded Systems-2014, S.A Engineering College,Chennai.

44. **Loyola Jasmine J** and Dr.R.Jayaparvathy," Performance Evaluation of Multi Channel Access for IEEE 802.11n WLANs" ,International Conference on Science and Innovative Engineering 2014, Jawahar engineering college,Chennai. pp no: 317:182.
45. **Muruganandham R** and Dr.S.Sundaravadivelu," Efficient Contrast Enhancement and Color Noise Reduction for LTM using LDR Images" 3rd International Conference on Futuristic Trends in Electronics Engineering-2014, Thiruvalluvar College of Engineering and Technology,Vandavasi. pp no:286-288
46. **Nandhini G Iyer** and Suresh.R.Norman," Analysis of Acoustic signals from rotating machines for wear detection", International Conference on Recent trends in information Technology- 2014,Madras Institute of Technology,Chennai.
47. **Ramya Ramalakshmi** ,Dr.K.S.Vishvakshenan and S.Sathiarani," Performance of MIMO-IDMA System with imperfect Channel state Information", IEEE International Conference on Communication and Signal Processing-2014, Adhiparashakthi Engineering College,Melmaruvathur.pp. 1615-1620.
48. **Santhosh Muraledharan S** , C.Vinoth Kumar and V.Natarajan," Difference Expansion based Reversible Data Hiding for Medical Images", IEEE International Conference on Communication and Signal Processing-2014, Adhiparashakthi Engineering College,Melmaruvathur.pp. 1008-1011.
49. **S.Sathiarani**,Dr.K.S.Vishvakshenan and Ramya Ramalakshmi," IWT based Image Transmission in MIMO-CDMA system:Performance Results", IEEE International Conference on Communication and Signal Processing-2014, Adhiparashakthi Engineering College,Melmaruvathur.pp. 1299-1303.
50. **Shalini M** and V.Vaithianathan," Design and Simulation of Pulse Generator for Ultra Wide Band Impulse Radio", IEEE International Conference on Communication and Signal Processing-2014, Adhiparashakthi Engineering College,Melmaruvathur.pp. 460-464.
51. **Sridharan P** and Dr.B.S.Sreeja," Design and Analysis of 1-10 GHz band Selected Bandpass Filter with Broad Tunable Range" IEEE International Conference on Communication and Signal Processing-2014, Adhiparashakthi Engineering College,Melmaruvathur.pp. 82-85.
52. **Srinandhini K** and V.Vaithianathan," FPGA implementation of MIMO-OFDM transceiver", IEEE International Conference on Communication and Signal Processing-2014, Adhiparashakthi Engineering College,Melmaruvathur.pp. 390-394.
53. **Varun Prakash R** and C.Vinoth Kumar," Glaucoma Diagnosis using PCA and K-means Clustering", International Conference on Electrical, Communication and Computing-2014, Tagore Engineering College ,Chennai,pp no:895-900.

International Conference: VLSI

54. **Ananda Pamanaban M, C. Premanand**, "Design and implementation two stage 5 bit pipelined SAR ADC" presented at the International conference on Communication and signal processing, India, April 3-5, 2014. (PG)
55. **Archana S, G. Durga**, "Design of low power and high speed ripple carry adder" presented at the International conference on Communication and signal processing, India, April 3-5, 2014. (PG)
56. **Arulmozhi M, M. Anbu Selvi**, "Improvements on Construction of Quasi cyclic irregular non binary LDPC Codes" presented at the International Conference on Information Communication and embedded systems ,India, Feb 28, 2014.(PG).
57. **Balasaraswathy N, Dr. R. Rajavel**, "Low Complexity Power Spectral Density Estimation", Springer International Conference on Artificial Intelligence and Evolutionary Algorithms in Engineering Systems 2014 (ICAEES 2014) at Noorul Islam University, Kumrakoil, 22-23 April 2014.
58. **Beulah Jency G, Joseph Gladwin. S**, "Channel Estimation using Optimized pilot placement in OFDM systems" presented at the International conference on Communication and signal processing, India, April 3-5 2014.(PG)
59. **Beevi Nurrani K S, Joseph Gladwin. S**, "An efficient Edge preserving Denoising technique for removal of impulse noise in images" presented at the International Conference on Recent Trends in Engineering and Technology, India, Mar 14, 2014.(PG)
60. **Bharathi R, G. Durga**"Performance optimisation of Bulk junctionless FINFET through work function engineering" presented at the International Conference on Circuit,Power and Computing technologiesMar 20-21, 2014.(PG)
61. **Bhuvaneshwari Y V, R. Srinivasan**, "SEU single event upset study of 4T, 6T, 7T, 8T & 10T MOSFET based SRAM using TCAD simulation" presented at the International Conference on Information Communication and embedded systems ,India, Feb 28, 2014. (PG)
62. **Divakar M, C Annadurai** "VLSI implementation of area efficient truncated multiplier" presented at the International conference on Communication and signal processing, India, April 3-5,2014. (PG)
63. **Divya I, M. Anbuselvi**, "Protograph Based Design of Non Binary LDPC Codes" Springer International Conference on Artificial Intelligence and Evolutionary Algorithms in Engineering Systems 2014 (ICAEES 2014) at Noorul Islam University, Kumrakoil, 22-23 April 2014.
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