

SSN COLLEGE OF ENGINEERING, KALAVAKKAM-603110
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
STUDENTS PUBLICATIONS

June 2012 to May 2013

International Journals : Under graduate

1. Edna Elizabeth. N, Radha. S, **Priyanka K, Bhavana S, Varsheeni R**,(B.E.,2012 Passed out) “MCIA-Mitigating Colluding Injected Attacks in Mobile Ad Hoc Networks”, 4, pp European Journal of Scientific Research, ISSN 1450-216X, © EuroJournals Publishing Vol. 89, pp 582-593, October, 2012.(UG)
2. Prabagarane N,**Sabarish Karthik,Prasaanth MYuvika Ashwina R** (B.E. 2010 passed out), “Performance of MUTP aided system over correlated frequency selective wireless communication channel-a multi cell perspective”, Eurasip Journal on wireless communications and Networking, vol 2012:194, pp 1-11,Oct 2012.(UG)
3. **Prabagarane N,Prasaanth M,Sabarish Karthik,Yuvika Ashwina R, Shriram S**, “Multi User Transmitter Preprocessing assisted uplink multi cell MIMO system with base station cooperation over frequency selective channels”, Elsevier -Computers and Electrical Engineering, Vol 39, issue 3, April 2013, ISSN No: 0045-7906, pp 1016-1025. (UG). IF:0.97
4. Shruthi R, **Prabagarane N,Selvam PD,Sriram R,Nithin S**, “Performance of transmitter preprocessing assisted cooperative relaying with fixed infrastructure relays”, Elsevier - Computers and Electrical Engineering, Vol 39, issue 3, April 2013, ISSN No: 0045-7906, pp 996-1005 (UG). IF: 0.97

International Journals : PG Communication Systems

5. **Shoba S.** (ME/CS passed out), Asnath Vicky Phamila Y. (FT Research scholar/ECE) and Amutha R. (Prof/ECE), “Memory Efficient Image Compression Scheme for Multimedia Sensor Networks”, CIIT International Journal of Digital Image Processing, Vol.4 No 12,July2012(PG) (CS)
6. S. Sakthivel Murugan,V. Natarajan and **R. Rajesh Kumar**,(M.E., 2011 passed out) “Estimation Of Noise Model And Denoising Of Wind Driven Ambient Noise In Shallow Water Using The LMS Algorithm”, Vol. 40, No. 2, August 2012. (PG) (CS)
7. R. Kishore, S. Radha, **L. Cherly Flar**,(M.E/CS 2011 passed out) “Improving Connectivity and Resilience using ECC based Key Predistribution for deployment Knowledge based WSN”, WSEAS Transactions on Communications, Issue 9, volume 11, pp: 309-320, September 2012.(PG) (CS)

8. K. J. Jegadish Kumar, **S. Sathrapathi Sivaji**, **G.Y. Deepak**, “ A Substitution Permutation Network Design using Cellular Automata For Cipher systems,” In International Journal of Advanced and Innovative Research (IJAIR) , Vol. 2, Issue. 1, No. 39, Jan 2013, pp 237 – 243. (ISSN No. 2278 – 7844).(PG) (CS)
9. K. J. Jegadish Kumar, G.Y. Deepak, **S. Sathrapathi Sivaji**, “A Novel Cellular Automata Based Stream Cipher YUGAM: 128,” International Journal of Advanced and Innovative Research (IJAIR), Vol. 2, Issue. 1, No. 38, Jan 2013, pp 231 – 236. (ISSN No. 2278 – 7844).(PG) (CS)
10. **K.R Jaya Kumar** (ME/CS), S. Hanis(AP/ECE) published a paper titled “ Speckle Noise Reduction of SAR Images using Hybrid GMAP- Median Filter in International Journal of Advanced and Innovative Research Vo.2 Issue 3 ISSN:2278-7844, pp 53-59 March 2013. .(PG) (CS)
11. **Godwin Jacob D**, Karthika S,"Performance analysis of MAC protocols in underwater communication by using optimum packet size," in the proceedings of International Journal of Advanced and Innovative Research, IJAIR 2013, Vol 2 Issue 3, ISSN: 2278-7844, pp.584-590, 2013.(PG) (CS)
12. **Kamesh M** and Karthika S ,"Performance improvement in underwater wireless sensor networks using MFBR technique with error control coding" in the proceedings of International Journal of Advanced and Innovative Research, IJAIR 2013, Vol 2 Issue 3, ISSN: 2278-7844, pp.602-606, 2013. .(PG) (CS)
13. **Aasha Nandhini. S**, R. Kishore, S. Radha, "A Novel Frequency Hopping Spread Spectrum Technique using Random Pattern Table for WSN", Ad Hoc and Sensor Wireless Networks - AHSWN,(Accepted for Publication).(PG) (CS)
14. **R. Revathy** and K.J.Jegadish Kumar ,"MEMS based top-loaded monopole antenna operating at 77 GHz for automotive radar system" International Journal of Advanced and Innovative Research, IJAIR 2013, Vol 2 Issue 3, ISSN: 2278-7844, pp.417-421, March 2013.(PG) (CS)

Research Scholars:

15. **Y.Asnath Victry Phamila**, (F.T research scholar) and R.Amutha, “Robust, Secure and Energy Efficient Image communication in Wireless camera Sensor networks”, International Journal of Advanced Computing (IJCA), Vol. 35, No.2 pp.239-245, July 2012.
16. **M.Madhu** and R.Amutha, “An Integrated Approach to Robust Human Face Detection for complicated Facial Expression Angles and Illuminations”, European journal of scientific research vol .85, No. 1, pp.123-144, August 2012.(Research scholar ext)
17. **M.Moorthi** and R.Amutha, “A Modified Medical image coder with contrast enhancement”, European journal of scientific research vol .85, No.2, pp.207-217, September 2012. (Research scholar ext)

18. **S.Ganesh** R.Amutha, "Efficient and secure routing protocol for wireless sensor networks through optimal power control and optimal Hand-off based recovery Mechanism", International journal of computer networks and communications Vol 2012, pp 1-8, June 2012. (Research scholar ext)
19. **S. Geetha** and R. Jayaparvathy ,” Congestion free fair resource allocation scheme for IEEE 802.16 WiMAX Networks”, European Journal of Scientific Research, Vol.81, Issue 2, August 2012 (Imp. Factor: 0.03).(external Phd scholar)

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STUDENTS PUBLICATIONS

June 2012 to May 2013

International Conference : Under graduate

1. **Nithin Srinivasan, Sriram Ravichandran, Shruthi Ravichandran**, (B.E. 2012 passed out) and Prabagarane Nagaradjane,” Multiuser transmitter Preprocessing Aided Downlink communications in correlated Frequency-Selective Channels, Springer Int. Conf, WiMoN, Vol 176, pp 563-576, July 15-17, 2012. (UG).
2. **C.Praveen Richard Ebenezer, B.Priyadharshini, K.VishnuPriya, A.Kavitha** and N.Venkateswaran, “Wavelet-based Fusion Scheme for Human Head Modeling”, Proceedings of International Conference on Pattern Recognition Application and Techniques, pp. 80-86, March 2013.(UG)
3. **Kuttathatti Srinivasan Vishvaksenan , R.Seshasayanan and ,Yuvaraj Krishnamoorthy**,” „Joint VBLAST/STBC Assisted MIMO MC-IDMA System in Frequency Selective Channels: Performance Results”,IEEE conference, 978-1-4673-1622-4/12/\$31.00 ©2012 IEEE.(UG).

International conference: PG: Communication Systems:

4. **M.Niranjana Priyadarshini, P.Vijayalakshmi**, “ Effect of speech Rate on Synthetic Speech Quality in Phoneme and Consonant-Vowel Unit-Based Unit Selection and HMM-Based Speech Synthesizers”, First International Conference on Communication, Computation and Control-ICCCC 2013, April 11-13, pp 250-254. (CS)
5. **Florence Monica** and Venkateswaran ,” Efficient Image Compression Scheme by Sparse Representation and Dictionary Learning”,Proceedings on International Conference on Computing and Communication Technology 2013(ICCCT'13), Nagercoil, March 2013. (CS)
6. **Florence Monica** and Venkateswaran ,” Color Image Denoising using Modified Sparse Representation and Dictionary Training”, IEEE International Conference on Communication and Signal Processing-ICCSP'13, Chennai, April 2013(accepted). (CS)
7. **Narmadha S, Sreeja B.S, Bindu .B** “Capacitive Fringing Field Sensor Design for Moisture Measurement”, Second International Conference on Computing and Communication Technology, held at Immanuel Arasar JJ College of Engineering, Marthandam, March 1st and 2nd , 2013. (CS)

8. **Godwin Jacob D**, Karthika S, "Hybrid Mac Protocol Based On Optimum Packet Size For Underwater Communication," in the Proceedings of International Conference on ETIEE'13, March 2013, pp.178-183. (CS)
9. **N. Aishwarya**, .R. Amutha, "Entropy powered image fusion using multiscale toggle contrast operator", International Conf. Recent trends in computer and networking technologies, organized by library & Information science promotion society, IGKAR, Dec 21-23, 2012. (CS)
10. **N. Aishwarya**, Y. Asnath Vicky Phamila, R. Amutha, "Multi-focus image fusion using multi-structure top hat transform and image variance", in Proc. of IEEE International Conference on Communication and Signal Processing, pp. 686-689, April 2013.(Adi parasakthi Engg college.) .CS)
11. **R.Jansi**, Asnath vicky phamila, R.Amutha, "Performance studies of super resolution Algorithms", International conference on Information, computing and Telecommunications (ICICT) organized by Interscience research network, 20th Jan 2013, pp. 35-41.(King's Hotel, Egmore, Chennai).(CS)
12. **Arshiya Sulthana** .A.K, Pritanair, "Study Of Generation Of Optical Frequency Combs Using Microring Resonators And Its Application To Optical Clock Rate Multiplication," in the proceedings of 2013 IEEE International Conference on Information and Communication Technologies (ICT 2013), April 11th and 12th, pp. 459-463, (Noorul Islam University, Nagarkoil). (CS)
13. **J.Florence Gnana Poovathy**, P.Vijayalakshmi , "Objective Measures for the Evaluation of Quality of Synthesized Speech Signals," in the proceedings of International Conference on Communication, Computing and Control, ICCCC 2013, April 11, 12 and 13, pp. 255-260. (Christian College of Engineering, Oddanchatram, Dindigal Dt.).(CS)
14. **Loganathan A**, Hemalatha R and Dr.S.Radha, "Efficient image encoding technique for wireless sensor networks using compressed sensing", in the proceedings of International conference on Advancement in Engineering and Technology (ICAET 2013), April 6th , Vol-2, pp. 174-181. (Dr.MGR Educational and Research Institute University, Chennai). (CS)
15. **Madhunikka devi R** and Prita Nair, "Experimental Characterisation and Theoretical Modelling of the Mach Zehnder Interferometer for Dispersion Measurement," in the proceedings of 2013 IEEE International Conference on Information and Communication Technologies (ICT 2013), April 11th and 12th, pp. 475-480. (Noorul Islam University, Nagercoil). (CS)
16. **Susithra D**, Jawahar A , "Energy Efficient Technique using GAF-O Approach for Wireless Sensor Network ," in 6th International Conference on Science, Engineering and Technology, SET-2013, May 7th and 8th 2013. (VIT University, (CS)

17. **Vaishnavi.R**, Dr.S. Salivahanan and Mr. K.J.Jegadish kumar , "A Compact 2.4GHz Planar Meander Line Antenna for Resource Constrained Applications," in the proceedings of International Conference on Design, Analysis, Manufacturing and Simulation, ICDAMS 2013, March 21 & 22, 2013, pp. 97-101. (Saveetha Engineering college), (CS)

International conference: PG: Applied Electronics:

18. **Ronisha Prakash** and Kirubaveni S, "Performance evaluation of fft processor using conventional and vedic algorithm", IEEE International Conference in Emerging Trends in computing, communication and Nanotechnology, 25-26 March 2013. (AP)
19. **Geethapriya S** and Jawahar A, "Performance Evaluation of Hybrid Topology Control in WSN", IEEE International Conference on Communication and Signal Processing - (ICCSP'13), April 3-5, 2013. (AP)
20. C. Vinoth Kumar, V. Natarajan, **Deepika Bhogadi**, "High Capacity Reversible Data hiding based on histogram shifting for Medical Images", International Conference on Communication and Signal Processing (ICCSP'13), April, 2013.(AP)
21. Kuttathatti Srinivasan Vishvaksenan , R.Seshasayanan and **J.Jasper Beusan Jeny**," Performance of MUTP assisted IDMA System for Downlink Communications",IEEE conference, adhiparasakthi Engineering college ICCSP'13,april,3-5,2013. (AP)
22. Kuttathatti Srinivasan Vishvaksenan , R.Seshasayanan and **J.Jasper Beusan Jeny** ,"Performance of Dual-Polarized MIMO MC-IDMA System for Downlink Communications",adhiparasakthiEngineeringcollege,IEEE conference,ICCSP'13,april 3-5,2013. (AP)
23. Kuttathatti Srinivasan Vishvaksenan, R.Seshasayanan and, **N.Abisha**," Performance of DSTTD MC-IDMA System forDownlink Communications",adhiparasakthi Engineering college,IEEE conference, ICCSP'13.april 3-5,2013. (AP)
24. Kuttathatti Srinivasan Vishvaksenan , R.Seshasayanan and , **N.Abisha**," Performance of Dual polarized DSTTD-IDMA System in frequency-selective channels ",adhiparasakthi Engineering college,IEEE conference, ICCSP'13,Aprial3-5,2013. (AP)
25. **Mubeena Parveen . J** & Rajavel .R, "Multi-Level Denoising Filter Bank for Speech Signal," Proceedings of International Conference "ICSEM'13", 2013, pp. 546-550. (AP)
26. **Elamaran C S** and Anbuselvi M, "Low Complexity Design Of Non-Binary Ldpc Decoder Using Extended Min-Sum Algortihm", International conference on Science, Engineering and Management (ICSEM'13), Srinivasan Engineering college, Perambalur, pp 13-17,2013. (AP)
27. **Beryl R**, Vaithianathan V. and Kirubaveni S., "Comparative Analysis of various On-Chip Spiral Inductors", Proceedings of International Conference on Communication and Signal

Processing (ICCSP13), Adhiparasakthi Engineering College, Melmaruvathur, Tamilnadu, India – 603319, April 3 – 5, 2013. (AP)

International conference: PG: VLSI

28. **Aruna Jayashree.R** and Jino Hans.W, 'RGB to HSI color space conversion via MACTalgorithm" March 2013, ICCSP (Paper Accepted) (VL)
29. **Sudha Rani.K** and Jino Hans.W,"FPGA implementation of Bilinear interpolation for CFA demosaicing" March 2013,ICCSP (Paper Accepted) . (VL)
30. **T.K. Sivakumar** and C. Annadurai, “ Efficient implementation of FFT/IFFT IP Core for OFDM application”, IEEEInternational conference on Communication and signal Processing, April 2013. (VL)
31. **T.K. Sivakumar** and C. Annadurai, “Design and Analysis Of Efficient MIMO-OFDM System, IEEE International conference on Communication and signal Processing, April 2013. (VL)
32. **Niti Mohan, Vaithianathan V.,** “ Noise Analysis of the Input Matching Circuits for UWB Low Noise Amplifiers", Proceedings of International Conference on Communication and Signal Processing (ICCSP13), Adhiparasakthi Engineering College, Melmaruvathur, Tamilnadu, India – 603319, April 3 – 5, 2013.(VL)
33. **Anapagamini S. A., Rajavel R.,** "Removal of Artifacts in ECG Using Empirical Mode Decomposition", IEEE International Conference on Communication and Signal Processing-ICCSP'13, Adhiparasakthi Engineering College, Melmaruvathur, 5th, April 2013, pp. 845 - 849. (VL)
34. **S. Aruna** and M.Anbuselvi, “FFT-SPA based non-binary LDPC Decoder for IEEE 802.11n Standard” IEEE International Conference on Communication and Signal Processing, pp. 1974-1977, April 2013. (VL)
35. **N.Krishna Kumar, K.K. Nagarajan** and R. Srinivasan, “Study andComparisonofMOSFET and MIGFET-Based Active Inductor”, IEEE International Conference on Circuits, Power and Computing Technologies, pp. 979-982, March 2013. (VL)
36. **Nama premsai, K.K. Nagarajan** and R. Srinivasan “Effect of Number of Fins on Input Impedance in MIGFET Using TCAD Simulations”, IEEE International Conference on Emerging Trends in Computing, Communication and Nanotechnology, pp. 256-259, March 2013. (VL)
37. **Priscilla Scarlet, K.K. Nagarajan** and R. Srinivasan, “Optimization of Doping Profile and Isolation Oxide Thickness in Bulk FinFETs Using TCAD Simulations”, IEEE International

Conference on Circuits, Power and Computing Technologies, pp. 959-965, March 2013. Published by IEEE Digital Explorer. (VL)

38. **K. Srikanth**, N. Vinodhkumar, K.K. Nagarajan and R. Srinivasan “Study of Single Event Upsets in different Double Gate FinFET based SRAM Topologies” IEEE International Conference on Emerging Trends in Computing, Communication and Nanotechnology, pp. 260-264, March 2013. (VL)
39. **Pavithra S**, Sreeja B.S, “Wireless Powering System for Implantable Bio-MEMS Sensor ”, Second International Conference on Computing and Communication Technology, held at Immanuel Arasar JJ College of Engineering, March 1st and 2nd ,Marthandam, 2013. (VL)
40. **Tharannum Musheer**, Premanand Chandramani, “Spur reduction technique for Integer-N frequency synthesizer”, IEEE International conference on Information and Communication technologies (ICT 2013), Noorul Islam Centre for Higher Education,Kanyakumari district,Tamil Nadu-629 180, India, 11-12 April 2013, pp. 1123-1128 (VL)
41. **B. Ganesh Sai**, Premanand Chandramani, “Time-interleaved pipeline ADC in transceivers for 60Ghz applications”, IEEE International conference on Information and Communication technologies (ICT 2013), Noorul Islam Centre for Higher Education,Kanyakumari district,Tamil Nadu-629 180, India, 11-12 April 2013, pp. 1129-1132 (VL)
42. **Maran Ponnambalam**, Premanand Chandramani, “Injection locked Differential Ring VCO”, IEEE International conference on Information and Communication technologies (ICT 2013), Noorul Islam Centre for Higher Education,Kanyakumari district,Tamil Nadu-629 180, India, 11-12 April 2013, pp. 1133-1136 (VL)
43. **Rajaraja.R** and Pavithra.D, "Implementation of Hardware Efficient Light weight Encryption Method", IEEE International Conference on Communication and Signal Processing - ICCSP' April 03, 04 & 05 2013, 355-359. (VL)
44. **Esai Amudha Vani G.**, S. Joseph Gladwin, “Low Power FFT Architectures via Folding Transformation”, Third International Conference on Advances in Information Technology and Mobile Communication – AIM 2013, organized by ACEEE, 26, 27 April 2013. (VL)
45. S. Joseph Gladwin, **Mangaiyarkkarasi M.**, “Performance Analysis of Phase Noise Impaired OFDM System in a Frequency Selective Fading Channel”, IEEE International Conference on Information and Communication Technologies, organized by Dept. of ECE, NI University, 11, 12 April 2013.(VL)
46. **Arunachalam T** and Kirubaveni S, “Analysis of high speed multipliers,” IEEE International Conference on Communication and Signal Processing-ICCSP'13, 3-5 April 2013. (VL)

Research Scholars:

- 47. M.Madhu and R.Amutha**, “A novel Approach to Face Recognition under various facial expressions, Occlusion and Tilt Angles” International conference on Emerging Trends in Science, Engineering and Technology, pp.143-149, JJ Engineering college, Chennai, Dec 13-14, 2012.(Research scholar ext)
- 48. M.Moorthi and R.Amutha**, “Medical Image compression using Adaptive Neural Network” International conference on Emerging Trends in Science, Engineering and Technology, pp 222-226, **JJ Engineering college, Chennai, Dec 13-14, 2012.** .(Research scholar ext)

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STUDENTS PUBLICATIONS

June 2012 to May 2013

National conference: Under graduate

1. **M. Renuka**, (B.E. 2012 passed out) R. Kishore, "Receiver Antenna Selection algorithm for uplink MU-MIMO System," In the Proceedings of National Conference on Research Trends and Challenges in Automotive Electronics, VIT Universty, Vellore, 12-13 Oct 2012, pp.18-22.(UG)
2. **Akshay Ramachandran, Srinath T.M.**, Premanand Chandramani, Venkateswaran N., "Autonomous real-time human target detection and tracking using Kalman Filter", National Conference on Emerging trends in Information and Communication technologies (NCETICT-2K13), SSN College of Engineering, Chennai, Tamil Nadu-603110, India, 10 April 2013.(UG)
3. **Megha.S, Aarish.R, Harimadhav K**, P.Vijyalakshmi, "GMM Based Voice Conversion for an Unrestricted Domain Speech Synthesizer" NCETICT, SSN college of Engineering, April 2013, pp 37-42.(UG)
4. **Karthika.P, Thulasimani.P, Varun K**, Joseph Gladwin.S, **Karthikeyan P**, " Design, Development and Performance Analysis of Cell Search Procedure in LTE", Proceeding of NCETICT, SSN college of Engineering, April 2013, pp 88-91.(UG)
5. **Karthika M, Lavanya T.P, Lekha P**, Esther Florence S, " Design of a Reconfigurable Antenna Using a Cloth Substrate in the Proceedings of NCICN - 13, Nagapattinam, April 3 2013.(UG)
6. R.Kalidoss, M.A.Bhagyaveni, **Pradhyothana.B, Rohit.P.Jain, Shreenav Goswami.G**, "Interference Reduction in IEEE 802.22 By Hybrid Division Duplex Approach", National Conference on Emerging Trends in Information and Communication Technologies (NCETICT-2K13) on April 10, 2013, Chennai, pp-67-71.(UG)
7. **S.Prasanna, S.Sandeep Kumar, J.Srikanth, S.Radha and Hemalatha**, "Image transmission using Compressive Sensing over Wireless Sensor Networks", Proceedings of National Conference on Emerging Trends in Information and Communication Technologies, April 2013, NCETICT, SSN college of Engineering, pp 78-83.(UG)

8. **Karthik.G, Ajay.S, Darisi Sumanth, Sathish.A,** Jayaparvathy.R., “Autonomous Terrain Navigation For Planetary Rovers”, NCETICT, SSN college of Engineering, April 2013, pp 43-46.(UG)
9. **Bharath S., Divya G.,Aishwarya D.,** Suresh R.Norman, "Quad copter based Surveillance System", NCETICT 2013,National Conf. on Emerging Trends in ICT, SSN CE, April 10, 2013.(UG).
10. Sujanth Roy J and R. Jayaparvathy, “Hybrid Egomotion Estimation for Indoor Navigation”, Optimization Techniques in Engineering Sciences and Technologies, pp. 1307-1313, April, 2013.
11. R.Vignesh Pandian, S.Sundaravadivelu and Suresh R Norman, ‘Zigbee based electronic tourist guide system’, National Conference on Methods Enriching Power and Energy Developments, Volume1, Issue4, April 2013, pp 477-479.

National conference: PG: Communication Systems

12. **S.Subasree,** Edna Elizabeth N, “Enhanced Secured Key Management Scheme for MANETs”, in Proceeding of 5th National Conference on Recent trends in VLSI, Information and Communication (NCRVIC 2013), B.S.Abdul Rahman University, Chennai, April 4-2013 PP 91-95. (CS)
13. **V Saranya,** B Ramani, "Optimizing Feature Selection for Speech Recognition System" in Proceeding of 5th National Conference on Recent trends in VLSI, Information and Communication (NCRVIC 2013) 4, April 2013, pp.72-77. (CS)
14. **R. Jansi,** (ME CS Student) Y. Asnath Vicky Phamila (Research Scholar) and R. Amutha , "Super Resolution Image Construction Using Wavelet Based Fusion and Directional Adaptive Interpolation," in the proceedings of National Conference on Information and Communication Engineering, NCICE 2013, February 25, pp. 87-91. (R.M.K Engineering College) .(CS)
15. **K.Ashwini,** (ME CS Student) Asnath Vicky Phamila(Research Scholar) and R. Amutha, “Multi-Focus Image Fusion using wavelet coefficients,” in the proceedings of National conference on Information and Communication Engineering, NCICE 2013, February 25, pp. 1-4. (R.M.K Engineering College) .(CS)
16. **J.Sharanya** (ME–CS), S. Hanis (AP/ECE) presented a paper titled “ Comparison of segmentation and detection of Brain tumor in MRI images” in the national conference on Embedded systems, VLSI and Signal Processing organized by Sri Lakshmi Ammal Engineering College, Chennai April 5, 2013 ,pp-29 and won the best paper award for the same. (CS)
17. **N. Rooban Ponraj**(ME-CS), S. Hanis (AP/ECE) ,"Segmentation and Pose Estimation of SAR Images",Third National Conference on Information and Communication Engineering, RMK Engineering College,February 25,2013, pages 73-80. (CS)

18. **Florence Monica** and Venkateswaran, "Sparse Representation and Dictionary Training for Efficient Color Image Denoising", proceedings of the National Conference On Future Information Technology, pp. 95-100, February 2013. (CS)
19. **T.K.Parani** and N.Venkateswaran , "Capacity Analysis of Dual polarised Distributed MIMO system using Random Matrix Theory", proceedings of National Conference on Advanced computing technologies, NCACT 2013, pp. 51-54. April 2013. (CS)
20. **Florence Monica** and Venkateswaran, "Image Scale-Up using Sparse Signal Processing", National Conference On Emerging Trends in Future Information and Communication Technologies, NCETICT2K13, pp. 13-18, April 2013. (CS)
21. **Ishwarya.R,** Muthumeenakshi.K, Radha.S, "Spectrum Sensing and Reconfigurable Antenna Design for Cognitive Radio", 2nd National Conference on Recent Advancements in Signal Processing and Communication, April1, 2013, pp 211-215. (CS)
22. **Narmatha.M,** Muthumeenakshi.K, Radha.S, " Cooperative Game Theoretic Study for Primary User Emulation Attack", 2nd National Conference on Recent Advancements in Signal Processing and Communication, April1, 2013, pp 226-232. (CS)
23. **M. Anbu Swarna Priyanka,** V. Sherlin Solomi, P. Vijayalakshmi, T. Nagarajan, "Speech recognition system developed using Multiresolution Feature Extraction (MRFE) for sparse data" in Proc. of National Conf. on Signal Processing, Communication and VLSI Design (NCSCV'13), Coimbatore, May. 10-11,2013, pp. 302 – 306.(CS)
24. **Harish S,** Hemalatha R and Dr. S. Radha, "Image recovery from reduced sparse measurements by compressed sensing", in the National Conference on"Emerging Trends in Modern Electronics & Bio Medical Engineering", NCMEBME'13, on May 03rd 2013, pp.6-10 (CS)
25. **Nandhini, Y.** Asnath Victy Phamila and Dr. R. Amutha , "Performance Evaluation of Image Compression algorithms," in the proceedings of National conference on Signal processing, communication and VLSI Design , NCSCV 2013, May 10 and 11, pp. 418-421. (Anna University, Regional centre, Coimbatore) . (CS)
26. **Nirmala.P,** Kishore R, ' Energy efficient image reconstruction using compressive sensing for wireless sensor network', NCRVIC- 2013 held at B.S. Abdur Rahman University ,Vandaloor. (CS)
27. **Prabavathy R,** Hanis S , "Detection of Melanoma from Iris Image," in the Proceedings of 5th National Conference on Signal Processing Communication, and VLSI Design, NCSCV-2013, May 10th and 11th 2013, pp.376-378. (Anna University, Coimbatore). (CS)
28. **Prakash T.K.** , "Analysis and design of wrap-around microstrip antenna ," In the proceedings on National conference on microwave and millimeterwave communication, 2013, April 18, pp 69-72. (Valliamai Engineering College, Kattankulathur) . (CS)

29. **Savitha.C**, Karthie.S, "Design of Parallel Coupled Microstrip Bandpass Filter Using Odd and Even mode characteristic impedance at 2GHz", National conference on communication and sensor technology, April 11-12, 2013, pp.106-110. (Hindusthan university, chennai). (CS)
30. **Susithra D**, Jawahar A , "A Novel Energy Efficient Management Technique for Wireless Sensor Network ," in the proceedings of 5th National Conference on Signal processing and VLSI design , NCSCV-2013, May 10th and 11th 2013, pp. 1098-1102. (Anna university, coimbatore) . (CS)
31. **Venkatachalapathi J**, "Analysis of patch Antenna on Cylindrical Surface," in the proceedings of National Conference on Microwave and Millimeterwave Communication (NCMMC-2013),2013, 18th -19th April 2013, pp.60-63. (Chennai).(CS)
32. **P.Yamini**, S.Karthie, S.Salivahanan , 'Design and Comparison of Capacitively Coupled Uniform Impedance resonator and Stepped Impedance Resonator', in the proceedings of National Conference on Microwave & Millimeterwave Communication (NCMMC-2013), pp.43-47.(Valliammai engineering college) April 2013.(CS)
33. **M.P.Actlin Jeeva**, B. Ramani, P. Vijayalakshmi, "Performance Evaluation of Unit Selection-Based Speech Synthesizers for Indian Languages using Festvox Framework" in Proceeding of 5th National Conference on Signal Processing Communications & VLSI Design (NCSCV 13) 10-11 May 2013, pp.307-310.(CS)
34. **Poojitha R.**, Venkateswaran N., Premanand Chandramani, "Depth Map estimation and reconstruction in Stereo Vision", National Conference on Emerging trends in modern electronics and bio-medical engineering, Jerusalem college of Engineering, Chennai-600100, Tamil Nadu, India, 03 May 2013.(CS)

National conference: PG: Applied Electronics

35. **Rekha Sharon S** and Vinoth Kumar C, "Retinal Image Segmentation Using Texture, Thresholding and Morphological Operations", National Conference on Emerging Trends in Information and Communication Engineering, PET Engineering College, May 4, 2013.(AP)
36. **Rekha Sharon S** and Vinoth Kumar C, "Blood Vessel Extraction by means of Thresholding and Width measurement", National Conference on Emerging Trends in Computer and Communication Technology, Joe Suresh College of Engineering, April 12, 2013.(AP)

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