

EASWARI ENGINEERING COLLEGE

Technical Paper Publications in National Conference in the Year 2013

Department of Computer Science and Engineering

1. Ms.N.D.ThamaraiSelvi, “ Visual role mining:A new approach to role engineering Mobility management in heterogeneous networks”, Proceedings PSG-ACM National conference on intelligent computing(NCIC 2013)
2. Ms.S. Kayalvizhi, “Mobility management in heterogeneous networks”, National conference in Easwari Engineering College, pp. 77-81, 2013
3. Mr.N.Bharathi Raja, “Voice Based Wireless Industrial Automation With Enhanced Feedback System” , National Conference on Innovation in Intelligence and Computing Technologies NCIICT 2013, pp. 86- 90
4. Ms.N.Marahathasundari, “Voice Based Wireless Industrial Automation With Enhanced Feedback System”, National Conference on Innovation in Intelligence and Computing Technologies NCIICT 2013, pp. 86- 90
5. Ms.S.Suchitra, “Finger Vein and Finger Texture Analysis using Holistic and Non-Linear Fusion Techniques”, NCCCSNS-13
6. Mr.C.U.Omkumar, “A classification on MANETS by using SWARM Intelligence National Conference on Advanced Computing Application”, (NCACA), Proceedings 2013
7. Mr.C.U.Omkumar, “A Prioritized Model for EDS “, National Conference on Advanced Coputing& Information Technology (NACIT), Proceedings 2013
8. Mr.C.U.Omkumar, “Impact of Misuse Cases in Software Development”, National Conferenc on Advanced Technology in Computer Science NCAT-2k13, Conference Proceedings 2013
9. Mrs. S. Kayalvizhi, “Route Optimization for MIPV6 using enhanced cryptographically generated address” , National Conference on Innovation in Intelligence and Computing Technologies, pp. 167- 174
10. Mr. K. M. Anandkumar, “Secure and Distributed Data Storage Protocols For Heterogeneous Wireless Sensor Networks”, Fourth National Conference on Innovation in Intelligence and Computing Technologies”, pp. 170 – 177

11. Mr. K. M. Anandkumar, “Detection And Mitigation of Sinkhole Attacks in WSN Using Optimistic Approach”, Fourth National Conference on Innovation in Intelligence and Computing Technologies”, pp. 120 – 127
12. Mrs.V.MercyRajaselvi,“Automated License plate recognition”,Fourth National Conference on Innovation in Intelligence and Computing Technologies
13. Mrs.V.MercyRajaselvi, “Recognition of low resolution face images from surveillance camera Using Surf Features”, Fourth National Conference on Innovation in Intelligence and Computing Technologies”, pp 71-77
14. Mrs.V.MercyRajaselvi, “Detection of hairiness charged yarn using image analysis”, Seventh Conference on Computer Vision and Information Technology, pp. 1- 4
15. Mrs. T.M. Navamani, “Patients Medication System Through SMS”, National Conference on Innovation in Computing,
16. Mrs. T.M. Navamani, “BI-Server Authentication System – Password Only Key Exchange Bas-Poke”,pp. 135-142, NCIICT
17. Mrs. T.M. Navamani, “Emergency Alert System Using SMS and GPS”,pp. 128-134, NCIICT
18. Mrs. T.M. Navamani, “Sparse Histogram of Oriented Normal Vector for Touchless Surgical Interaction using Kinect”, 93-99,NCIICT
19. Mr.C.U. Omkumar, “Prioritizing Event-driven software Using Test Case Approach”, National Conference On Research Issues On Software Engineering and Security.
20. Mrs.S.SobithaAhila, Subashree. D, “Automated Surveillance Anomaly Detection for an ATM Application”, Fourth National Conference on Innovation in Intelligence and Computing Technologies”, pp 15-20
21. Ms.V.Ranichandra, “An optimization scheme for temporal signature mining in health care”, Proceeding of fourth National Conference on Innovation in intelligence and computing technologies, pp. 8-14
22. Mr.C.U. Omkumar, “A Unified theory for Event driven Software”, National conference on Information and software Engineering, Proceedings 2013
23. Mr. N.Bharathi Raja, Ms.N.Marahathasundari, “An Intelligent Video Surveillance System using Decolor Algorithm”, National Conference on Electronics and Extreme Environments, Proceedings 2013

Department of Electronics and Communication Engineering

1. B.Sridhar, "Compact Printed Log-Periodic Dipole Antenna for Ultra Wideband Applications with U-Shape slots for WLAN Rejection," National Conference on Advanced Engineering & Technology, pp. 79-81, March 2013.
2. R.Hema, "Effective Real Time Tracking of Bus Locations using GPS/GSM," National Conference on Microwave & Millimeterwave Communication, pp. 35-38, April 2013.
3. S.Dhanalakshmi, "Electronic Eye - A Non Invasive Aid for Visually Impaired," National Conference on Methods Enriching Power & Energy Development, pp. 188-192, April 2013.
4. SaraswathiJanaki, "Implementation of 32 Bit AXI Bus using FPGA," National conference on Embedded Systems, pp. 77-86, March 2013.
5. DeepaDivakaran, "Inertial Measurement Unit Based Touch Screen," National Conference on Advance Computing and Information Technology, pp. 168-171, April 2013.
6. A. Ponraj, "Honeypot Intelligence Against Online Banking Fraudulence," National Conference on Recent Trends in Information Technology and Communication, pp. 128-133, March 2013.
7. M. Kamarajan, "Implementation of Digital Addressable Lighting Interface (DALI) Protocol for Building Lighting Automation and Performance Analysis," National Conference on Communication Technologies, pp. 70-74, April 2013.
8. M. Kamarajan, "Remote Controllable Home Energy Management System based on WPAN," National Conference on Communication Technologies, pp. 16-21, April 2013.
9. G. R. Suresh, "Lossless Compression for Medical Image Sequences Using Combination Methods," National Conference in Emerging Trends in Electronics, pp. 168-171, February 2013.

Department of Electrical and Electronics Engineering

1. T.Rakesh, V.Raakesh, D,Sharath, "Improvement of a PMBL DC Motor using a Push-Pull converter", National Conference on Smart Advancement in Green Energy.
2. E.Sangeetha, R.Sahana, E,Snekha, S,Suganya, A.JoselineMetilda, "Harmonic Mitigation using Shunt Active Power Line Conditioners with PID Controller", National Conference on Methods Enriching Power and Energy Development-2013.

3. A.Rajasekar,S.Muthukannan,U.Nandakumar,Prashanth and G.Muralidhar,SaiAbhishek Mani, “Phase opposition disposition based triggering of multilevel inverter using a single carrier signal”, *Methods Enriching Power and Energy Developments* , Vol 1 , Issue 1 ,143-147, April 2013.
4. S.PrasanthandD.Jayalakshmi, “Three phase Three port FlybackMicroInverter for PhotoVoltaic Application”, *Emerging Scenario in Power Engineering and Electrical Drives* ,265-267 , Feb 2013
5. E.Sangeetha , R.Sahana ,E.Sneha ,D.SuganyaandA.JoselineMetilda, “Mitigation of Harmonics using PLL with PID Controller based Shunt Active Power Filter”, *Methods Enriching Power and Energy Developments* , Vol 1 , Issue 2, April 2013.
6. Ja. Sruthi ,R.Rajeshwari,M.S.Preetha ,S. Nehruselvan and Dr.N.O.Gunasekhar, “Doubly fed induction generator based wind power generation using matrix converter”, *Methods Enriching Power and Energy Developments* , Vol 1 , Issue 3, 431-434, April 2013.
7. N.Jeyashri, C.Gopinath, D.Mirunalini , A.Merra, and T.R Arivanandham , Dr.R.Ramesh , “Alleviation of harmonics using series power line compensator”, *Methods Enriching Power and Energy Developments* , Vol 1 , Issue 2, 243-248, April 2013.
8. R.Priya, C.Nandhini,S.NaiduMehul ,E.S. MukeshSrinivasan and P.Balamurugan , “Stability improvement using GA based PID controller of a DFIG-based offshore wind farm connected to a power grid through an HVDC link”, *Methods Enriching Power and Energy Developments* , Vol 1 , Issue 2, 231-236, April 2013.
9. R.A.Praasanth, J.Purushothaman,J. Thulasiraman,SA.Venkataraman and T.Santhi, “Matrix converter based unified power flow controllers: Advanced direct power control method”, *Methods Enriching Power and Energy Developments* , Vol 1 , Issue 2, 339-344, April 2013.
10. C.Siva Kumar, pradeep.K, R.SelvaMuthuKumaran ,Praveen.K and Mrs.SmileeMathuram, “Design of unified power quality conditioner to improve the power quality problems by using renewable energy source”, *Methods Enriching Power and Energy Developments* , Vol 1 , Issue 2, 249-253, April 2013.
11. C.Umayal and D.SaranyaDevi , “Modeling and Simulation of PFC SEPIC Converter fed PMBLDC drive for mining applications”, *Recent Trends in Electrical and Communication Engineering*, 2013.

12. S.Selvakumar and Mrs.D.Chandrakala , “Multilevel Boost Inverter with no inductors for Electric Vehicle”, Computation of power, Energy, Information and Communication,226-231, Feb 2013.
13. Arun Kumar R, Chandini S ,Jayalakshmi D , Abishek K and Chandana B V, “Real Time Application of solar Energy System for basic Residential Purposes”, Methods Enriching Power and Energy Developments , Vol 1 , Issue 2, 397-400, April 2013.
14. A.V.Shrinivas,,R.Shravanthi . Sidhant Seth and Dr.A.PeerFathima, “Delineation of Dyadic Deregulation and Frequency related Ancillary Services Competitive and Complete energy”, Smart Advancements in Green Energy, April 2013.
15. V.AnniePrema and M.Vijayalakshmi “Operation and Design of Isolated Bi-directional Full bridge DC-DC Converter with a Flyback Snubber”, Innovative Techniques in Electrical Engineering, April 2013.
16. S.Sindhuja,R.M.Vallikannu , S.Thamizan ,S.ShanmugaSundaram and K.Zahirhussain, “Small Size wind power generating system using Switched Reluctance Generator”, Methods Enriching Power and Energy Developments , Vol 1 , Issue 3, 410-415, April 2013.
17. Archana C , Jeevanya R, Kameshwari G, Jayraman V , Dr.A.PeerFathimaMr.A.P.MarshallArokiaDass , “Power Quality improvement by using Diode Clamped Multilevel Inverter for Renewable energy System, Methods Enriching Power and Energy Developments ,Vol 1 , Issue 2, 334-338, April 2013.
18. AishwaryaC,DiwakharR, Ganesh S , Harikrishna N and K.Zahirhussain , “Energy audit, Conservation and Monitoring in a campus”, Methods Enriching Power and Energy Developments, Vol 1 , Issue 4, 504-509, April 2013.
19. Abigail Kearney, Andrew John Winney, N,Bhuvesh,MamtaSatheesh and SmileeMathuram, “Smart Grids: Protection and Monitoring of Power System Entities”, Methods Enriching Power and Energy Developments, Vol 1 , Issue 2, 329-333, April 2013.
20. Satheesh G, Vignesh Kumar S.P, PremSagar B, Satihsh .S and Mrs.R.Prathiba, “Determination of Available Transfer Capability in a CEED environment - using interpolation”, Methods Enriching Power and Energy Developments, Vol 1 , Issue 2, 264-266, April 2013.

21. Ms.Uma and Mrs.S.Prathiba , “A Novel Single Phase 13 level Inverter using a single DC Source with Less Power electronic Components”, NCRTEST 2013.
22. P.Manoj Kumar and Dr.N.O.Gunasekhar, “Maximum Power Point Tracking for wind Energy Conversion system of a Doubly Fed Induction Generator Using Z- Source Inverter”, Emerging Scenario in Power Engineering and Electrical Drives, Feb 2013.
23. Lakshmi Narasimhan V , Lakshmi V, HariPrasath R , Gowri Shankar K and Dr.N.O.Gunasekhar, “Highly Efficient Maximum Power point Tracking Using Slope Detection Technique”, ”, Methods Enriching Power and Energy Developments, Vol 1, Issue 2, 325-328, April 2013.
24. Vishnu Priya S , Vijyetha D , P.Kaleeshwari , AbhijitBal and Mrs. Deva Brinda, “Load Frequency Control of a Two Area Interconnected Power System using Genetic Algorithm tuned PI Controller”, Methods Enriching Power and Energy Developments, Vol 1 , Issue 2, April 2013.
25. K.Amritha , C.Gopinath, M.Mohamed Ashraf , R,MAdhan , E.B. Amrith and Dr,R,Ramesh, “Restitution of voltage using fuel cell based dynamic voltage restorer”, Emerging Technologies in Electrical and Electronics Engineering, ISBN 978-81-926837-2-0, April 2013.
26. Bala Kumar S, Kamesh K , Kaushik P , Lakshmi Kanthan N , Ramesh Prabhu S , “21-level cascaded H-bridge grid tied inverter”, Methods Enriching Power and Energy Developments, Vol 1 , Issue 1, 83-85, April 2013.
27. K.Dhanaarasu, R.DivyaVarshini , M.Adhithya , S. Ramshankar and A.JoselineMetilda, “A Novel approach to Power Management System in MicroGrids”, AITHRE , 224-230, March 2013.
28. S.Anoo, C.Umayal, B.Bipin , DurgaRaghavendran , DevaniCharinigiaBordoloi, “Power factor correction of PMLDC motor using flyback converter”, Methods Enriching Power and Energy Developments, Vol 1 , Issue 1, 123-125, April 2013.
29. B.Yugesh, D.VaidhyaSubramanian , C.Pranav , S. Vighneshwar and Mrs.Deva Brinda, “Improvement of power quality and power factor of complimentary power station using PLC and SCADA”, Methods Enriching Power and Energy Developments, Vol 1 , Issue 2, 293-296, April 2013.

30. Anupraba M, Dharshan V.S, Gowthaman.M, Arul jothi . K, and Mr.MarshalaRockiadass.P, “A Semi Automatic Continuity Test Kit for Traveling Cable Assembly”, MOSDES,20-23,2013.
31. Anand, Balakrishnan,Seenuvasan,Srikanth and Mrs.V.Abirami, “Advanced DC converter for a variable speed drive”, Smart advancements in green energy, Feb 2013.
32. Nisha Irudayaraj, Pallavi E, Ranjini A.R, Shankaran B and Mr. K.V. Thilagar, “Regenerative braking in electric vehicle using BLDC motor”, Methods Enriching Power and Energy Developments, Vol 1 , Issue 5,603-607, April 2013.
33. Sindhuja R.M, Sowmya.S and Mr.J.Harinarayanan, “Field trials and performance monitoring using a low-cost wireless sensors network for domestic applications”, Modeling, Simulation, Design and Experimental Study of Electrical System,106-110, April 2013.
34. UmeshPrabhu H, Nivethan K.G , Nesa Kumar T, Saranya V.R and VarshiniRaghavan, “Determination of state of charge using optical fibre sensors”, ”, Methods Enriching Power and Energy Developments, Vol 1 , Issue 3,405-409, April 2013.
35. Ilamaranmamallan, Adithya Ram V, Abhishek G.Iyer, Periyathambi.A and Prathibha.S, “Power Electronic Converter employing soft switching technique applied to heating applications”, ”, Methods Enriching Power and Energy Developments, Vol 1 , Issue 1,152-160, April 2013.
36. Bharathram M, Kirubahar Praveen P, Mrs.D.Chandrakala ,Akshayjalan and Gowtham ram N, “Brake pad actuation using electromagnetic coils”, Methods Enriching Power and Energy Developments, Vol 1 , Issue 5,617-620, April 2013.
37. B.AthiVignesh, Abdul Majeed, AlladiRamesh,P.Deepak, J.lydia, “Induction Motor drive for Electric Vehicles based on Vector control with Space Vector Modulation Concept”, Methods Enriching Power and Energy Developments, Vol 1 , Issue 5,617-620, April 2013.
38. S.Dhanalakshmi, “A novel approach to Computer Automated Tracking of Common Carotid Artery in B-Mode Ultrasound images,” National Conference on Emerging Trends in Electronics, pp. 67-70, August 2013.

39. S. Dhanalakshmi, “A novel approach to Computer Automated Tracking of Common Carotid Artery in B-Mode Ultrasound images,” National Conference in Emerging Trends in Electronics, pp. 128-133, August 2013.

Department of Electronics and Instrumentation Engineering

1. Mrs.Pearley Stanley “Fuzzy Logic Based Remote Irrigation system using LabVIEW”, NCMCOP, May 2013. Pg no.49-52
2. Mrs.R.Lakshmi “Landmine Marking Robot for Hostile Environment Detection”, National Conference on Control, Communication and Information Technology, May 2013, Pg no.76-79

Department of Mechanical & Automobile Engineering

1. G Francis, “Heat Transfer Enhancement of Phase Change Material Using Nano Particles”, Second National Conference on Advancements and Recent Innovations in Mechanical Engineering, pp 11, Apr-13
2. D Balajee, “Performance Measurement of a VCR engine Using Biodiesel”, Second National Conference on Advancements and Recent Innovations in Mechanical Engineering, pp 11, Apr-13
3. D Nathan, “Stability Analysis on Subsea Pinline”. Second National Conference on Advancements and Recent Innovations in Mechanical Engineering, pp 10. Apr-13
4. R Prasanna, “Capacity Augmentation In Pipeline Operation”, Second National Conference on Advancements and Recent Innovations in Mechanical Engineering, pp 13, Apr-13
5. V Elango, “Prediction of Surface Roughness Using Wavelet Analysis”, Second National Conference on Advancements and Recent Innovations in Mechanical Engineering, pp 14, Apr-13
6. P Arikaran, “Design of Assembly Line for Combined Transmission Gearbox”, Second National Conference on Advancements and Recent Innovations in Mechanical Engineering, pp 16, Apr-13
7. K G Ashok, “Cold Testing in Sigma Engines“, Second National Conference on Advancements and Recent Innovations in Mechanical Engineering 17 Apr-13

8. B Gopinath, “Performance Prediction of Di VCR Engine Run on Alternate Fuels”, Second National Conference on Advancements and Recent Innovations in Mechanical Engineering, pp 17, Apr-13.
9. K G ashok, “Productivity Improvement in Crown Wheel and Pinion Machine Cell”, Second National Conference on Advancements and Recent Innovations in Mechanical Engineering, pp 19, Apr-13.
10. T Vasanthavanan, “A Review on Current Research Trends in Wire Electrical Discharge Turning (WEDT) Process”, Second National Conference on Advancements and Recent Innovations in Mechanical Engineering, pp 27, Apr-13.
11. K G Ashok, “Effect of Squeeze Casting Parameters on The Mechanical Properties of Aluminium Alloy 6061”, Second National Conference on Advancements and Recent Innovations in Mechanical Engineering, pp 27, Apr-13.
12. M Saravanan, “Aluminum/Lignite Fly Ash/Graphite)P Nano Composites- Synthesis and Characterization Studies” Second National Conference on Advancements and Recent Innovations in Mechanical Engineering, pp 29, Apr-13.
13. V Elango, “Automatic Detection of Cracks And Corrosions in Pipes”, Second National Conference on Advancements and Recent Innovations in Mechanical Engineering, pp 32, Apr-13
14. P Arikaran, “Walkover Spray Pump”, Second National Conference on Advancements and Recent Innovations in Mechanical Engineering, pp 35, Apr-13.
15. P Arikaran, “Productivity Improvement at Machine Shop”, Second National Conference on Advancements and Recent Innovations in Mechanical Engineering, pp 35, Apr-13

Department of Information Technology

1. Dr.K.Kathiravan, Behavior Analysis of MAODV and PUMA Multicast Protocols against Packet Dropping Attacks in MANET, PSG-ACM National Conference on Intelligent Computing, April 2013, PSG College of Technology, Coimbatore, 2013.
2. Mrs.A.L.Agasta Aldine, Automatic Presentation Authoring from Text Documents, 2nd National Conference -AGNICON 2013, March 2013
3. Mrs.V.Vani, Domain Specific Expert System for Automation of Test cases –Rule Based Approach, 2nd National Conference -AGNICON 2013 March 2013

4. Mrs.S.Lenisha, Automatic detection system for diagnosis of Rail Surface Defects, National Conference on Advanced Computing and information Technology ,NACIT 13 May 2013.
5. Dr.C.Viswanathan, Tackling communication problems in Requirements Elicitation process in GSD projects, National conference on Emerging issues in computer applications, Feb 2013.

Department of MBA

1. V. Pavithra, “A Study on Consumer Ethnocentrism towards Consumer’s Attitude and Buying Behaviour with Special Reference to Services Marketing in Chennai”, Business Innovation – Steering Excellence of Business Research Knowledge, Lakshminarayana Arts & Science College for Women, Dharmapuri, 2321 – 5615 on 21st December 2013.
2. R. BanuReka, “Skill Gap Analysis on Competencies of IT Professionals In Chennai”, National Conference on Managerial Challenges in Reinventing the Business Process, organized by Department of Management Studies, Easwari Engineering College on 22nd November 2013 and published in Managerial Challenges in Reinventing the Business Process, ISBN No. 978-93-83241-07-1, pp. 57 - 63.
3. V. Gayathri, “A Conceptual Study On Stress Management Among Women Employees”, National Conference on Managerial Challenges in Reinventing the Business Process organized by Department of Management Studies, Easwari Engineering College on 22nd November 2013 and published in Managerial Challenges in Reinventing the Business Process, ISBN No. 978-93-83241-07-1, pp. 152 - 155.
4. Dr. Mu. Subrahmanian & S. Chandrasekaran, “Organized And Unorganized Sector In Toys Industry – An Overview”, National Conference on Managerial Challenges in Reinventing the Business Process organized by Department of Management Studies, Easwari Engineering College on 22nd November 2013 and published in Managerial Challenges in Reinventing the Business Process, ISBN No. 978-93-83241-07-1, pp. 24-28.
5. Dr. S. Meenakumari, “Gap Analysis – Distance Education Services”, National Conference on Managerial Challenges in Reinventing the Business Process organized by Department of Management Studies, Easwari Engineering College on 22nd November

- 2013 and published in Challenges in Reinventing the Business Process, ISBN No. 978-93-83241-07-1, pp. 68 - 70.
6. B. Nataraj, “A Study On Recent Trends In Customer Relationship Management”, National Conference on Managerial Challenges in Reinventing the Business Process organized by Department of Management Studies, Easwari Engineering College on 22nd November 2013 and published in Challenges in Reinventing the Business Process, ISBN No. 978-93-83241-07-1, pp. 71 - 75.
 7. V. Pavithra, “A Study On Perception Towards Social Media With Special References To Online Shopping”, National Conference on Managerial Challenges in Reinventing the Business Process organized by Department of Management Studies, Easwari Engineering College on 22nd November 2013 and published in Managerial Challenges in Reinventing the Business Process, ISBN No. 978-93-83241-07-1, pp. 82 - 86.
 8. Mr. R. Vasudevan, “Micro Finance”, Redefining Business Horizons, organized by Department of Commerce, Madras Christian College, Chennai on 19th September 2013 and published in edited volume bearing ISBN No. 978-93-81006-67-2, pp. 134 - 140.
 9. Mrs. R. Banureka, “Green Banking – Is it a Passing Fad or Is it here to Stay?”, Redefining Business Horizons organized by Department of Commerce, Madras Christian College, Chennai on 19th September 2013 and published in edited volume bearing ISBN No. 978-93-81006-67-2, pp. 111 - 116.
 10. Mrs. V. Gayathri, “A Conceptual Study on Work Life Balance & Stress Management among Women Employees in 24/7 Environment”, Redefining Business Horizons organized by Department of Commerce, Madras Christian College, Chennai on 19th September 2013 and published in edited volume bearing ISBN No. 978-93-81006-67-2, pp. 62 – 65.