

## **EASWARI ENGINEERING COLLEGE**

### **Technical Paper Publications in International Journal in the Year 2014**

#### **Department of Automobile Engineering**

1. V Antony Aroul Raj, “Experimental investigation of the LHS system and comparison of the stratification performance with the SHS system using CFD simulation”, Solar Energy, ISSN: 0038-092X, Publisher: Elsevier, Vol. 103, pp. 378 – 389, 2014. **doi:10.1016/j.solener.2014.02.009. Impact Factor 2014: 3.469**

#### **Department of Civil Engineering**

1. K. Subramanian, K.Ramanjaneyulu, K.P.Jaya, M.Neelamegam, “Non destructive evaluation in high strength concrete using ultrasonic pulse echo”, Journal of Structural engineering International Journal, ISSN No: 0970-0137, Vol.41, No.4, pp.341 – 348, 2014. **(Scopus)**
2. K. Subramanian, K.P.Jaya, M.Neelamegam, “Virtual edge extension technique to reduce the edge effect in impact- echo method”, Journal of performance of constructed facilities, ISSN No: 0887-3868, Publisher: American Society of Civil Engineers, 2014, pp. 1021 – 1029. **DOI: 10.1061/(ASCE)CF.1943-5509.0000718.**
3. C.NirmalaRani, RajasekarTalikota, S.R.Kannan, “Enumerating the efficiency of natural coagulants in water treatment”, Pollution Research, ISSN No: 0257 - 8050, Volume 33, Issue 3, 2014, pp 559 – 566. **(Scopus)**
4. C.NirmalaRani, RajasekarTalikota, S.R.Kannan, “Study on waste water characteristics of a private multispeciality hospital at chennai”, Pollution Research, ISSN No: 0257 - 8050, Volume 33, Issue 3, 2014, pp 619 – 622. **(Scopus)**
5. R. Sathish, Sivagamasundari, S.LavanyaPrabha, “Experimental Testing Of Aerated Building Blocks Using Gypsum Copper Slag And Fly Ash”, International Journal of Engineering Management and Research, ISSN No: 2250-0758, Vol., 4, Issue No 2, 2014, pp. 71 – 74.
6. S.LavanyaPrabha, J.K.Dattareya, M.Neelamegam, “Stress strain behaviour of ultra high performance concrete under uniaxial compression”, International Journal of civil Engineering, ISSN No: 1735-0522, Vol., 5, Issue No 3, 2014, pp. 187 – 194. **Impact Factor 2014: 0.468**

7. S.R.Kannan, R.Vinothisisri, “Work quality based decision support scheduling model for large construction”, International Journal of civil Engineering, ISSN No: 1735-0522, Vol., 5 Issue No 3, May 2014, pp. 226 – 231. **Impact Factor 2014: 0.468**
8. S.R.Kannan, R.Senthil, “Production Based Scheduling Method for Linear Construction in Road Projects”, KSCE Journal of Civil Engineering, ISSN 1226-7988, e - ISSN 1976-3808, Vol.18, Issue no 5, May 2014, pp. 1292 – 1307. **DOI 10.1007/s12205-014-0431-4. (Web of Science)**
9. K. Subaramanian, K.P.Jaya, K.Ramanujaneyulu, M.Neelamegam, “Impact echo scanning for identification of defects in High strength concrete slab”, International Journal of 3R's, ISSN 0975- 8968, Vol., 4, No. 3, 2013, PP. 589 – 594.

### **Department of Computer Science and Engineering**

1. Mrs.T.M.Navamani, “Privacy based Optimal Routing in Wireless Mesh Networks”, ICT and Critical Infrastructure: Proceedings of the 48th Annual Convention of CSI - Volume I, Advances in Intelligent Systems and Computing volume 248, pp. 287 – 299, 2014. **DOI: 10.1007/978-3-319-03107-1\_32.**
2. Jani Anbarasi, Anandha Mala G S, “Cheating Prevention Using Genetic Feature Based Key in Secret Sharing Schemes”, in the book title “Security in Computing and Communications”, book sub title of “Second International Symposium, SSCC 2014, Delhi, India, September 24-27, 2014. Proceedings”, the series title of “Communications in Computer and Information Science”, volume 467, ISSN 1865-0929, Springer Berlin Heidelberg publisher, pages 111-119, 2014. **DOI: 10.1007/978-3-662-44966-0\_11 (Scopus)**
3. V.Maria Anu, G.S.Anandha Mala, K.Mathi, “An overview of RFID Data Processing Techniques”, International Journal of Applied Engineering Research (IJAER), in September 2014 issue, Vol. 9N. 21,Pg: 8603-8612 indexed in **SCOPUS (SNIP:0.166)**
4. Dr.G.S.Anandha Mala, “Anonymization by Data Relocation using Sub-clustering for Privacy Preserving Data Mining”, Indian Journal of Science and Technology, Vol 7(7), 975-980, ISSN (Print) : 0974-6846 ISSN (Online) : 0974-5645 , July 2014. **(Scopus)**
5. Dr.G.S.Anandha Mala, “EPR hidden Medical Image Secret Sharing using DNA Cryptography”, International Journal of Engineering and Technology (IJET) ISSN : 0975-4024,Vol. 6 No. 3 , 1346-1356, Jun-Jul 2014. **(Scopus)**

6. Dr.G.S.Anandha Mala, “An efficient algorithm for fault classification and identification in online transaction management”, Journal of Theoretical and Applied Information Technology, ISSN: 1992-8645, E-ISSN: 1817-3195, Vol. 60 No. 1, pp. 82 – 88, February 2014. **(Scopus)**
7. Ms. S. Kayalvizhi, N.S.Nandhinee, “Authentication Mechanism for Fast Handover PMIPv6 Networks”, International Journal of Research in Computer Applications and Robotics, ISSN 2320-7345, Vol-2, issue-5, pp:74-80, May 2014.
8. Mrs.S.Suchitra, Nithya J, “Local Octal Pattern: A proficient feature extraction for face recognition”,International Journal of computer Science and Mobile Computing, ISSN 2320- 0X,vol-3, issue-4, pp. 139 – 146, April 2014.
9. Mrs.S.Suchitra, Adlene Ebenezer, “Multi-Index method for Geospatial content based image retrieval”, International Journal of Advanced Research in Computer Science Engineering and Information Technology, vol:2, Issue:2,pp. 92-98, March 2014.
10. Mrs.S.Sobitha Ahila, “State of Art in Homomorphic Encryption Schemes”, International Journal of Engineering Research and applications Vol-4, Issue 2(Versio n 6), ISSN:2248-9622, PP 37-43, Feb 2014.
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12. Ms. S. Mithra, “Enhancement of Local Languages in DES”, International Journal of Engineering Research & Technology, ISSN 2278-0181, pp. 164 – 167, 2014.
13. Ms. A. Niranjana , “Automated 3-D Segmentation of Lungs with Lung Cancer in CT Data using a Watershed Algorithm”, International Journal of Engineering Research & Technology, ISSN 2278-0181, pp. 339 – 344, 2014.
14. Ms.N.D.TamaraiSelvi, “Extractive and abstractive Caption Generation model for news images”,International Journal of Innovative Research in technology and science, ISSN:2321-1156, Volume -2, No.2 PP. 80 - 86, 2014.
15. Ms.N.D.ThamaraiSelvi, R.M.Teepika, P.J.ThanusuPrabha, “Multimedia Question Answering System Using Page Ranking Algorithm”, International Journal of Engineering Research and Applications, ISSN: 2248-9622, Vol. 4, Issue 4, (Version 8), pp. 01 - 05, April 2014.

16. Padmakala S, Dr.P.Muthuchelvi, G.S.Anandha Mala, “IVRSC: An Interactive and Intelligent Video Retrieval System for Cricket Videos Using Multi-Features”, accepted for publication in International Journal of Applied Engineering Research (IJAER), Research India Publications, ISSN: 9734562, vol. 9, no. 24, pp. 27457-27491, 2014. (Scopus)

### **Department of Electronics and Communication Engineering**

1. Suresh G R, “Distance Based Clustering Algorithm for Energy Efficiency in Wireless Sensor Networks”, Applied mechanics and materials, Vol. 626, pp. 20 – 25, Aug 2014. DOI: 10.4028/www.scientific.net/AMM.626.20
2. Dr.D.Sivakumar, “Mobile sink based Reliable and Energy Efficient Data Gathering Technique for WSN”, Journal of Theoretical and Applied Information Technology, ISSN: 1992-8645, E-ISSN: 1817-3195, Vol. 61, No. 1, 9 pages, 2014. (Scopus)
3. Usha, “Retinal Layer Segmentation of Optical Coherence Tomography Images with Kernel based on Gaussian Mixture Model”, International Journal Of Applied Engineering Research, ISSN: 0973-4562 , Vol. 9, No. 21, pp. 5124 – 5130, 2014.
4. Meenakshividya P, Sujatha K S, Ms. C. Aishwarya,” Quantifying Tumor using Response Evaluation Criteria in Solid Tumors,” International Journal Of Advanced Computer Technology, , ISSN: 2320-0790, Vol.1, No. 1, pp. 65-71, 2014.
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7. Dr.Saraswathi Janaki, “Real Time Speckle Image De-Noising”, Advances in Vision Computing: An International Journal (AVC), Vol. 1, No. 1, pp. 39 – 46, March 2014.
8. Mr.Gurumoorthy J, “Soft Error Detection and Correction for Configurable Memory of Reconfigurable System”, International Journal of Scientific and Technology Research, ISSN: 2277-8616, Vol. 3, No. 2, pp. 49 – 54, 2014.

9. Mrs.P.Bini Palas, “Underwater Positioning ROV using Multiple Transducers,” International Journal of Innovative Research in Science, Engineering and Technology, ISSN: 2319 – 8753, Vol. 3, No. 3, pp. 752 – 755, 2014.
10. B.Jesvin Veancy, “Interference cancellation and alignment techniques for MIMO multicell Interfering channels” International journal of Applied Engineering Research, ISSN 0973-4562, Vol. 9, No. 21, pp. 5113 – 5118, 2014. **(Scopus)**
11. B.Jesvin Veancy, “Searching and tracking of neighboring base stations”, International journal of Research in Engineering and Technology, ISSN: 2319-1163, Vol. 3, No. 4, pp. 1 – 5, 2014.
12. B.Jesvin Veancy, “Packet Scheduling for interference mitigation in Heterogeneous Network”, International journal of Scientific and Engineering Research, ISSN: 2229-5518, Vol. 5, No. 5, pp. 77 - 80, 2014.
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14. Senthamizh Selvi R., “LMS-HMM Based Parallel Spectral and Cepstral Modeling for Speech Enhancement”, International Journal of Applied Engineering Research, ISSN 0973-4562, Vol. 9 No. 21, pp. 5000 – 5006, 2014. **(Scopus)**
15. Suresh G R, “Performance evaluation of immune-inspired support vector machine”, International Journal Of Biomedical Engineering And Technology, November 2014, pp. 209 – 222, DOI: 10.1504/IJBET.2014.065804
16. Suresh G R, “Secure medical image communication using ROI based lossless watermarking and novel digital signature”, Journal of Engineering Research, Vol. 2 - (3), Sep 2014, pp. 87 – 108. DOI 10.7603/s40632-014-0015-y
17. Suresh G R, “Novel Algorithm for Secure Medical Image Communication using ROI Based Digital Lossless Watermarking and DS”, International Journal of Applied Engineering Research, ISSN 0973-4562 Volume 9, Number 22, pp. 12163 – 12176, June 2014. **(Scopus)**
18. Suresh G R, “Hybrid Algorithm for Medical Image Sequences using Super-Spatial Structure Prediction with LZ8”, International Journal of Computer Applications (0975 – 8887), Volume 86 – No 11, January 2014.

19. Suresh G R, “A New Cryptographic Digital Signature for Secure Medical Image Communication in Telemedicine”, International Journal of Computer Applications (0975 – 8887) Volume 86, No. 11, pp. 10 – 15, January 2014.
20. Suresh G R, “Survey on data aggregation based algorithms for energy efficiency in wireless sensor networks”, International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 9 No. 21, 2014, pp.5151-5156, 2014. (Scopus)
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### **Department of Electrical and Electronics Engineering**

1. C.Umayal, SR Reddy, “Embedded controlled power factor correction zeta converter fed permanent magnet brushless DC motor for mining applications”, Institution of Engineers, Australia, vol.11,pp.226–238, 2014. <http://dx.doi.org/10.7158/E13-131.2014.11.2>
2. K.A.InduSailaja , R.sunder, “Maximum Power Point Tracking of Photo Voltaic based Induction Motor Drive Systems”, International Journal of Emerging Technology & research, ISSN (E): 2347-5900 ISSN (P): 2347-6079, vol.1, issues4, pp.931–936, 2014.
3. C.K.Subasri, B.Ashokkumar, Dr.N.Kamaraj, “Harmonic Reduction In Wind Farm Using Dynamic Voltage Restorer Based On ANFIS”, International Journal of Advanced Technology & Engineering Research, ISSN-2250-3536, pp.79–83, 2014.

### **Department of Electronics and Instrumentation Engineering**

1. Dr. Bhunaneswari.N.S, “Modeling, Identification and Control of Coal-Fired Thermal Power Plants”, De Gruyter-Reviews in Chemical Engineering, ISSN: 2191-0235, volume 30, issue 2, pp.217–232, 2014. **DOI 10.1515/revce-2013-0022. (Web of Science)**
2. Dr.S.Sobana “Modeling and Control of Reverse Osmosis Desalination Process using Centralized and Decentralized Techniques”, Elseiver - Desalination Journal, Volume 344, Pages 243–251, 1 July 2014. **DOI:10.1016/j.desal.2014.03.014**
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4. Mrs.Gunaselvi Manohar, S.Prasanna Devi, K.Suryaprakasa Rao, “A Bi-level Clustering Analysis for Studying about the Sources of Vehicular Pollution in Chennai”, Artificial Intelligence and Evolutionary Algorithms in Engineering Systems, Volume 324 of the series Advances in Intelligent Systems and Computing, Springer India, Print ISBN, 978-81-322-2125-8, Online ISBN978-81-322-2126-5, pp.229–236, Nov 2014. **DOI 10.1007/978-81-322-2126-5\_26.**
5. Mrs.Gunaselvi Manohar, S.Prasanna Devi, K.Suryaprakasa Rao, “Evaluation of Polices to Reduce Transportation Pollution using System Dynamics”, Journal of Environment Protection Engineering, ISSN: 0324-8828 (print version) 2450-260X (electronic version), Vol.40, No.4, pp.143–153, Dec 2014. **DOI: 10.5277/epel140412. Impact Factor 2013:0.423. Impact Factor 2014:0.652. (Web of Science)**
6. Dr. N.S.Bhuvaneswari, “Accurate Positioning of GPS Receiver using Fuzzy Logic System”, Lab experiments : a journal in laboratory experiments, ISSN 0972-6055, Vol.14, No.1, pp. 45-49, March2014.
7. Dr.B.Chinthamani, “LabVIEW Based Process Control and Monitoring for Industrial Process Parameters”, International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, ISSN (Print) : 2320 – 3765, ISSN (Online): 2278 – 8875, Volume 3, Special Issue 2, pp.112–117, April 2014.
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### **Department of Information Technology**

1. Mrs.L.Bhagyalakshmi, “Avoiding Energy Holes Problem using Load Balancing Approach in Wireless Sensor Network”, KSII Transaction on Internet and Information Systems, Vol.8, No.5, pp.1618–1637, 2014. <http://dx.doi.org/10.3837/tiis.2014.05.007>
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3. Mrs.R.Priyadharshini, “Constraint Solving Engine Based Nurse Rostering With Intelligent Backtracking”, Journal of Computer Science, vol. 10, No 10, pp. 1977 - 1983, April 2014. [doi:10.3844/jcssp.2014.1977.1984](https://doi.org/10.3844/jcssp.2014.1977.1984)
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  10. Mrs.S.Leninisha, “Oil Spill Detection Using Optimal Thresholding for MODIS Images”, International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, ISSN: 2320 – 3765, Vol. 3, Special Issue 2, pp. 7 – 15, April 2014.
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### **Department of Mechanical Engineering**

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2. D. Loganathana, A. Gnanavelbabu, K. Rajkumar and R. Ramadoss, “Effect of Microwave Heat Treatment on Mechanical Properties of AA6061 Sheet Metal”,

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### **Department of English**

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### **Department of Mathematics**

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