



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Paper Published in Journal by Faculty

Academic Year 2016-2017

1. **Arulananth T S**, Jayasingh T, **Gangatharan. N**, Baskar M ,”Video Image Detection And Tracking Using Pca And Svm Knn Classifier With Hardware Implementation And Design” International Journal of Advanced Engineering Technology E-ISSN 0976-3945, Vol. VII/Issue III/July-Sept.,2016/66-70.
2. Poonguzhali and **Arun C**,“Effect of Interleaver Algorithm on the performance of modified Turbo codes”, Middle-East journal of Scientific Research,278-285,2016.**(SCOPUS INDEXED)**
3. Vijayakumar K and **Arun C**, “Security and vulnerability assessment of static code in Cloud Environment”, International Journal of Control Theory and Applications, Vol 9(36), PP. 533-541,2016 .**(SCOPUS INDEXED)**
4. Narayanan M and **Arun C**, “ An Efficient Super-peer Selection for Peer to Peer live Streaming networks Over Video on Demand Service”, Journal of Computational and Theoretical Nanoscience , Vol 13,4606-4611,July 2016.**(SCOPUS INDEXED)**
5. Anuradha T and **Inbamalar T M.**, “An Efficient Approach and its VLSI Implementation for the Study of Dna Sequences”, Middle-East Journal of Scientific Research 24 (S1): 131-135, June 2016. **(SCOPUS INDEXED)**
6. Anuradha T, **Inbamalar T M**, ‘VLSI implementation of algorithms for bioinformatics applications’, International Journal of advanced research in management architecture technology and engineering, vol.2, special issue 2, pp.107-111,2016.
7. Faritha Banu J.,**Shanthi K G .**, Lakshmi Priya P and Faritha Begum “Performance Enhancement Architecture of VoIP Applications in Multiprotocol Label Switching Networks”, Circuits and Systems, Scientific Research Publishing,,2047-2058,June 2016. **(SCOPUS INDEXED)**

8. **Poovizhi S and Nimitha N**, “A novel power efficient scheme spectrally and energy efficient OFDM for IM/DD Optical systems”, International journal for Research in Applied science and technology, Volume 4, Issue X, October 2016.
9. **Nimitha N., Sessa Vidhya S., Parvathy G and Sathish Kumar G.**, “Performance of OFDM with enhanced Subcarrier Index Modulation using QAM” IOSR Journal of Engineering (IOSRJEN) ISSN (e): 2250-3021, ISSN (p): 2278-8719, Vol. 06, Issue 11 (Nov. 2016), ||V1|| PP 41-49.
10. Venkatesh Perumal Pranay Chandragiri., Sriram T M., Yuvaraja K B., **Shanthi K G and Manikandan A.**, “Design and Implementation of Ultrasonic Navigator for Visually Impaired”, Middle-East Journal of Scientific Research 24 (10): 3297-3301,ISSN 1990-9233,Nov 2016. **.(SCOPUS INDEXED)**
11. Vijayakumar K and **Arun C**, “Analysis and selection of risk assessment frameworks for cloud based enterprise applications”, Biomedical Research, ISSN:0970- 938X(Print), 0976-1683 (Electronic), January 2017, Scientific Publishers India, **(Sci indexed) (WEB OF SCIENCE: IF – 0.22).**
12. R. Premkumar, **C. Arun**, R. Nishiha C S, “Hilbert Huang analysis of the breathing sounds of obstructive sleep apnea patients and normal subjects during wakefulness”, Biomedical Research, January 2017 SCIENTIFIC PUBLISHERS INDIA, Vol. 28/Issue 6,PP.2811-2815,E-ISSN 0970-938X. **.(Annexure I)(SCIE)(IF:0.219).**
13. Saravanakumar C and **Arun C** and Sivasrinivasan S P,“ Novel Technique to Control the Metering for Cloud Service using Common Deployment Model”, Indian Journal of Science and technology,Vol9(21),June 2016. **(SCOPUS)**
14. **Inbamalar T M** and Sivakumar R., “Improved algorithm for location of CPG islands in genomic sequences using discrete wavelet transform”, Bentham Science Publishers,2017. **(Sci indexed) (WEB OF SCIENCE). (SCOPUS INDEXED) IF-0.77**
15. **Sandhiya G., Kannagi V., Dhivya K., Parvathy G and Arthi Devarani P.**, “Flexible motion Estimation Processor with Low Latency for real time video Compression techniques”, International Journal of Innovative Research in Science and Humanities Volume 03, Issue 02, February 2017.
16. Asha and **C. Arun**, “ Fuzzy based Distributed Self-Organized Secured G-Cast Routing Protocol for Energy-Efficient Heterogeneous Wireless Sensor Networks” Asian Journal of

Research in Social Sciences and Humanities Vol. 7, No. 3, March 2017, pp. 985-1005. ISSN 2249-7315, Asian Journal of Research in Social Sciences and Humanities.

17. Bala Subramaniam A., Sandip Sankar Roy., Vishal Raghu Vanshi., **Sesha Vidhya S and Shanthi K G.**, “Design on X Band Frequency Notch Horn Filtenna”, International Journal of Advanced Research in Management, Architecture, Technology and Engineering (IJARMATE), Vol. 3, Special Issue 5, March 2017.
18. Aathira T I., Anandhi S., Cherukuri Rachana, Divya S and **Sathyaraj P.**, “Global Sensor Deployment and Local Coverage-Aware Recovery Schemes for Smart Environments”, IJARBEST Volume 3, Special Issue 34, March 2017.
19. Hiren Vikhram S., Jaikumar V., Jayasuriya Narayanan R., Jeevananthan N and **Kannan K.**, “Improving quality of service in OSPF interface by dynamic adaptation based on network traffic”, International Journal of Research, e ISSN-2348-6848, Vol.4, Special Issue 6, March 2017, pp 65-71.
20. Inba Arockiya Raj ., Arjuna Menon P., Gopala Krishnan S., Anto Gladwin K., **Jai Ganesh S.**, “Enhanced Auto Information Recorder”, CompuSoft, International Journal of Advanced Computer Technology, ISSN:2320-0790, March 2017, pp. 55-59.
21. **Arthi Devarani P.**, Ranjith K. , Ranjit Kumar S ., Ranjith S and Pradeep Kumar V Muchakhandi., “Detection of Illicit Naves Using IR Images”, International Journal of Advanced Research in Management, Architecture, Technology and Engineering (IJARMATE) Vol. 3, Special Issue 5, March 2017.
22. **Sesha Vidhya S.**, Rukmani Devi S and **Shanthi K G.**, “Design Trends In Ultra Wide Band Wearable Antennas For Wireless On-Body Networks”, ARPN Journal of Engineering and Applied Sciences, Vol. 12, No. 9, ISSN 1819-6608, May 2017 ,pp 2782-2790. **(SCOPUS INDEXED)**
23. **Manikandan Arunachalam** and Balasubadra Kandasamy., “Cross-Layer Design for Downlink Scheduling Combined with Call Admission Control in Wireless Networks,” Wireless Communications and Mobile Computing, vol. 2017, Article ID 3750380, 8 pages, May 2017. **(WEB OF SCIENCE IF:1.899).**

24.Vijayakumar K and **Arun C**, “Automated risk identification using NLP in cloud based development environments” , Journal of Ambient Intelligence and Humanized Computing, ISSN:1865- 5137(Print), 1868- 5145 (Electronic), May 2017 (**SPRINGER – Sci indexed**) (**WEB OF SCIENCE: IF- 0.802**).

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