



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Paper Published in Journal by Faculty

Academic Year 2017-2018

1. **Shanthi KG., Faritha Banu J., Sesa Vidhya S and Manikandan A., “ Flexible Medium Speed Systolic Architecture For FIR Filter Based on Distributed Arithmetic”, Asian Journal of Information Technology, Vol 16(1), PP. 163-168, ISSN: 1682-3915, Jun 2017. (SCOPUS Indexed) ANNEXURE-I.**
2. **Manikandan A., Shanthi K G., Venkatesh Perumal Pranay chandragiri and Sai Vinoj B., “Cross layer design for TCP optimization through efficient packet handling mechanism with improved AMC in wireless networks”, International Journal of Engineering Technology Science and Research (IJETSR), ISSN:2394-3386 ,Volume.04 issue 6, June 2017.**
3. **Praveena N G and Prabha H., “An Energy Efficient Wireless Sensor Network Model with Balanced Clustering and Static Multi-Mobile Base Station Trajectory”, Advances in Natural and Applied Sciences, Vol 11(6), PP. 756-762, ISSN: 1995-0772, Jun 2017.(SCOPUS Indexed)IF:2.698**
4. **Praveena N G and Prabha H., “Dynamic Mobile Sinks Path-Selection (DMSP) for Enhanced Network Lifetime in Heterogeneous WSN”, Journal of Advanced Research in Dynamical and Control Systems, Vol 2, PP. 397-409, Jun 2017.(SCOPUS Indexed).IF-0.708**
5. **Kumar T and Jaison B., “A Review of Stability Aware Clustering Algorithm In Vehicular Ad Hoc Network ”, Pakistan Journal of Bio Technology, ISSN: 1812-1837 and E-ISSN: 23127791, Vol. 14 (Special Issue II) Pp. 1-5, Sep 2017. (SCOPUS Indexed)**
6. **Vijayakumar K., Arun C., “Continuous Security Assessment of Cloud based Applications using distributed hashing algorithm in SDLC”, the International Journal of Intelligent Engineering and Systems, ISSN: 1386-7857 (Print), 1573-7543, Sep 2017. (SCOPUS Indexed)**

7. Lakshmi Sudha.,Arun C., “**DPRA-FC: Dynamic Probabilistic Rate Allocation and Flow Control Algorithm During Congestion in Wireless Sensor Network**”, Journal of Computational and Theoretical Nanoscience, Vol 14(9), PP. 4268-4277(10), Sep 2017. **SCIE (Web of Science)**
8. Asha.,Arun C., “**Active Trust and Fuzzy Logic Based Energy Aware Routing Algorithm for Wireless Sensor Networks**”, Journal of Computational and Theoretical Nanoscience, Vol. 14, PP. 5427–5434, ISSN:1546-1955, Nov 2017.**(SCOPUS Indexed)**.
9. **Inbamalar T M., Sivakumar R, “ Improved Algorithm for the Detection of Cancerous Cells using Discrete Wavelet Transformation of Genomic Sequences”**, Current Bioinformatics,Bentham science Publishers,ISSN: 2212-392X (Online)ISSN: 1574-8936 (Print) Vol. 12 , Issue. 6 , PP 543 - 550 (8), Nov 2017. **(WEB OF SCIENCE:IF- 0.6) , SCOPUS INDEXED, ANNEXURE-I.**
10. **Inbamalar T M., Apoorva N., Akshayaa T M., Gokul Pooja C., Jayashre T and Jayashree D., "An improved Artificial Electrolarynx"**, International Journal of Pure and Applied Mathematics, Volume 118, No.18, pp.3389-3396,2018. **(Scopus indexed)**.
11. **Shaik Hedayath Basha., Karthik U., Mahendra D ., Sai Harsha M and Nirmal Raj E .,"Video Watermarking using DWT and Elgamal for Authentication and Security"**, SSRG International Journal of Electronics and Communication Engineering (SSRG-IJECE) Volume5 Issue 1, Jan 2018.
12. **Muthumanickam S and Arun C., “An efficient blind detection watermarking algorithm using range conversion method”**, Micro System Technologies, Springer Publications, Vol 24(03), ISSN: 0946-7076, pp 1565-1575 ,Mar 2018. **(Web of Science, IF 1.195)**
13. **Poovizhi S., Gangatharan N and Elakhya N., "A Survey on Surveillance Video Synopsis Techniques"**, International Journal of Pure And Applied Mathematics, Volume 118 No. 10, 2018, 249-258.
14. **Muthumanickam Shanmugam and Arun Chokkalingam., "Performance Analysis of 2 level DWTSVD Based Non Blind and Blind Video Watermarking Using Range Conversion Method"**, Microsystem Technologies, ISSN 0946-7076, DOI 10.1007/s00542-018-3870-x. **(Web of Science, IF 1.195)**

15. **Vijayanandh R.**, Monisha S., Nandhini S., Niranjandevi D and Nivedha J., "**Secured Image Transmission using MIMO-OFDM Technique**", International Journal of Pure and Applied Mathematics (IJPAM) , in Vol. 118, No. 21B, April 2018. **(Scopus indexed)**
16. **Ciyamala Kushbu S.**, Rishikesh A T., Vignesh P and Vignesh P., "**Automatic Energy Meter Monitoring System Using IOT**", International Journal of Advance Research in Science and Engineering , Vol No .(07),Special Issue No.(02),March 2018.
17. **Ciyamala Kushbu S.**, Balaji V.,Ajithkumar P., Gunasekar N and Kiren Aananth., "**Forgery Detection in Documents**", SSRG International Journal of Electronics and Communication Engineering, ISSN:2348-8549,pp 41-16,April 2018.
18. Sriram TM., Yuvaraja K B and **Gangatharan N.**, "**Automatic Shutdown of Electronic Devices**", IAETSD-JARAS Journal for Advanced Research in Applied Sciences, Volume 5, Issue 4, pp.190-195, ISSN NO: 2394-8442,April 2018.
19. **Shaik Hedayath Basha**, Srinivasan, Sunil Kumar , Venkat Mahesh and Susheil Natraj, "**Railway LI - FI**", IAETSD- JARAS Journal For Advanced Research in Applied Sciences Volume5, Issue4, pp.226-230, ISSN NO: 2394-8442, April 2018.
20. **Shanthi KG., Manikandan A., Sesa Vidhya S.**, Venkatesh Perumal Pranay Chandragiri, Sriram T M and Yuvaraja K B., "**Design of Low Cost and Efficient Sign Language Interpreter for the Speech and Hearing Impaired**", ARPN Journal of Engineering and Applied Sciences Vol. 13, No. 10, ISSN 1819-6608, May 2018 **.(Scopus indexed)**
21. **Jai Ganesh S.**, Avenash., Bharathi., Amudham Prakash Reddy and Harihara Sudhan, "**Electronic Toll Collecting System Using QR Code and RFID Registration**", International Journal of Advanced Research in Dynamical and Control Systems(JARDCS) Vol. 10, 03-Special Issue, Mar 2018. **.(Scopus indexed).**
22. **Babu M.,**Indiradevi R.,Hemavathy V., Hemamalini C and Manju S., "**Forest Fire Detection And Alert System**", International Journal of Science and Innovative Engineering & Technology, Vol. 3,May 2018.
23. **Babu M.**, Dakshita Jain D., Sanjana S and Reshma CP, "**Health Monitoring System of Tsunami Boys**", International Journal of Science and Innovative Engineering & Technology, Vol. 1,May 2018.

24. **Muthumanickam S., Gayathri J and Eunice Daphne J., "Parkinson's Disease Detection And Classification Using Machine Learning And Deep Learning Algorithms– A Survey"**, International Journal of Engineering Science Invention (IJESI), ISSN (Online): 2319 – 6734, ISSN (Print): 2319 – 6726, Volume 7 Issue 5 Ver. 1 ,PP 56-63, May 2018.

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