

List of Papers / Publications of Dr. A. Swarnalatha (2015 to 2020)

1. S. Esther Gandhimathi, A. Swarnalatha, B. Sowmya, "Spectrum Resources Optimization in elastic Optical Networks using dynamic RMSA" Caribbean Journal of science. Pg: 2591 – 2602. Vol 53, Issue 2 (May – Aug 2019) ISSN: 0008-64524
2. Arun Vijayakumar, A. Swarnalatha, L. Kanagadurg. "Performance Analysis of all Optical Data and Clock Recovery System using Fiber Grating in Sensing Applications", Journal of Electrical Engineering. Pg. 146 – 151. Volume 19/2019 Edition :1 ISSN: 1335-3632
3. Bharat Babu, Reeba Korah, A. Swarnalatha, " Vedic Multiplier using Nikhilam Navatascaramam Dasatah Sutra", Journal of Electrical Engineering. 419 – 425, Volume 18 issue 2, 2018, ISSN: 1335-36324
4. S.Daphin Lilda, A.Swarnalatha & R. Avudaiammal "Survey on Memristor Applications", International Journal of Pure and Applied Mathematics, Volume 118, No. 11 (2018).Pg 103 – 109 ISSN: 1311-8080 (printed version), doi: 10.12732/ijpam.v118i11.13
5. Lakshmi Narayanan S, Dr.ReebaKorah, Dr. A. Swarnalatha Novel 10-T Write Driver SRAM Design Using 45 Nm CMOS Technology With Leakage Current Reduction Scheme For FPGA Routing Switch Architecture, Journal of Nanoelectronics and Optoelectronics. 2017, Vol 12, Pp 1- 13, ISSN 1555-1318, doi:10.1166/jno.2017.2252
6. Lakshmi Narayanan S, Dr.ReebaKorah, Dr. A. Swarnalatha "A Modernistic Gate Clustering Technique to Depreciate Leakage in Cmos Circuits" World and Applied Sciences Journal, 35 (5): 710-717, 2017. DOI: 10.5829/idosi.wasj.2017.710.717
7. Joyce Jacob. J and Swarnalatha. A PON Planning Using Fuzzy Clustering And Non-Linear Constrained Optimization Techniques. Global Journal of Pure and Applied Mathematics Volume 13, Number 1 (2017) ISSN:0973-9750
8. Avudaiammal. R, Swarnalatha. A and Seethalakshmi. P, Network Processor Based High Speed Packet Classifier For Multimedia Applications, Wireless Personal Communications, Wireless Personal Communications, Springer, Vol :80(3), pp. 1219-1236, Sep. 2017. ISSN 0929-6212, doi.10.1007/s11277-017-4916-6
9. Lakshmi Narayanan S, Dr.ReebaKorah, Dr. A. Swarnalatha "Leakage Current minimization in Footerless Domino Logic Circuits using Stalk Technique" Asian Journal of Information Technology, Vol 15(15), Pp2578- 2583, 2016. ISSN : 1682-3915, doi:10.36478/ajit.2016. 2578.2583

10. Joyce Jacob and Swarnalatha Alagala, "Cost minimization of Passive optical networks using Evolutionary Algorithms", Electronics World, pp 22 – 27, vol: 122, Issue: 1964, August 2016
11. S Mohanalakshmi, A Sivasubramanian, A Swarnalatha, "Predicting arterial stiffness from physiological characteristics of photoplethysmography signals quantified through second derivative" Indian Journal of Science and Technology, (May 2017), Pg 1- 8, ISSN : 0974-6846, Vol: 10, DOI: 10.17485/ijst/2017/v10i12/104111
12. Mohanalakshmi Soundararajan, Sivasubramanian Arunagiri and Swarnalatha Alagala, "An adaptive delineator for photoplethysmography waveforms", DEGRUYTER, Biomedizinische Technik, Biomedical Engineering.-Biomed. Tech. Germany, April 2016. ISSN:0013-5585
13. R.Avudaiammal, A.Swarnalatha , "Implementation of scalable packet classification algorithm using embedded network processor", International Journal of Applied engineering research, Pg 62 – 65, Vol.10, No.66, April 2015. ISSN: 0973-4562
14. Arun Kumar R.Avudaiammal ,A.Swarnalatha "QoS - Based Packet Scheduler for Hybrid Wireless Networks" International Journal of Networks, Vol.1, Issue.1 April 2015, ISSN (Online): 2454-1060
15. S. Dayana and R. Avudaiammal, R. Prabhu and A. Swarnalatha "Automatic Building Extraction From VHR Satellite Image" IEEE International Conference on Current trends towards Converging Technologies during 1st-3rd March 2018, Coimbatore.
16. S.Daphin Lilda, A.Swarnalatha, R.Avudaiammal "Survey on Memristor Applications", 4th International conference on Electrical, Electronics, Instrumentation and Computer Communication, January, 2018, Coimbatore. Tamil Nadu.
17. M. Naresh Kumar, A. Swarnalatha, "Design and Analysis of Low Power Full Adder Using Cadence Tool", International Conference on Emerging Trends In Electronics Communication and Computing Technology; (ICONTECH-2016), 5th& 6th May, 2016. TamilNadu.
18. B. Arun Kumar, R. Avudaiammal, A.Swarnalatha" QoS – based packet scheduler for hybrid wireless networks", 1st international Conference on electrical, computing engineering & communication, April 2015 Sri Ramanujar Engineering college, Vandaloor, Chennai.
19. N.Aarthi, R. Avudaiammal, A.Swarnalatha, " Multituple packet classification using Dynamic discrete bit selection Algorithm", 4th international conference on contemporary engineering & technology, March 2015, Chennai.

20. Nixon Benetto, A.Swarnalatha, R. Avudaiammal, “ Detection of collaborative attacks in MANETS using Enhanced CBDS technique”. The International Conference on Science Technology Engineering and Management(JEPPIAAR - ICONSTEM 2015), Jeppiaar engineering College, Jeppiaar Nagar, Chennai.