List of Papers / Publications of Dr. A. Swarnalatha (last 5 years):

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. 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.

4. 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.

5. M. Naresh Kumar, **A. Swarnalatha**, "Design and Analysis of Low Power Full Adder Using Cadence Tool", International Conference on Emerging Trends In Electronics Communication andComputing Technology; (ICONTECH-2016), 5th& 6th May, 2016. TamilNadu.

6. 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.

7. 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.

8. 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.

9. 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

10. 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

11. Lakshmi Narayanan S, Dr.ReebaKorah, **Dr. A. Swarnalatha** Novel 10-T Write Driver SRAM Design Using45 Nm CMOS Technology With Leakage Current Reduction Scheme For FPGA Routing Switch Architecuture, Journal of Nanoelectronics and Optoelectronics. 2017, Vol 12, Pp 1- 13, ISSN 1555-1318, doi:10.1166/jno.2017.2252

12. 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

13. 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

14. 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

15. 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

16. 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

17. 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

18. 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

19. 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

20. B. Arun Kumar R.Avudaiammal , **A.Swarnalatha** "QoS - Based Packet Scheduler for Hybrid Wireless Networks" International Journal of Networks, Pg 26-29, Vol.1, Issue.1 April 2015, ISSN (Online): 2454-1060.