

## DC MEMBER PUBLICATION DETAILS

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## PUBLIC ATIONS

### INTERNATIONAL JOURNALS: 14

1. **S.Manjula**, D.Selvathi, "Optimal Design of Low Power CMOS Power Amplifier using Particle Swarm Optimization Technique", Wireless Personal Communications, Vol.82 (4), June 2015, pp. 2275-2289. (Annexure-I Journal with Impact Factor: 0.701).
2. **S.Manjula**, D.Selvathi, "Design and Optimization of Ultra Low Power Low Noise Amplifier Using Particle Swarm Optimization", Indian Journal of Science and Technology, Vol. 8(36), December 2015, pp.1-8.(Indexed in Scopus).
3. **S.Manjula**, D.Selvathi, "Design of Low Power CMOS LC VCO for Direct Conversion Transceiver", Turkish Journal of Electrical Engineering & Computer Sciences, Vol.24 (4), April 2016, pp. 3263-3273. (Annexure-I Journal with Impact Factor: 0.518).
4. J.Velmurugan and **S.Manjula**, "A Novel Approach for Peer To Peer Authentication Protocol For Cloud Storage Security", Journal of Computational and Theoretical Nanoscience (CTN),Vol.15, No.3,2018, 1044-51(Indexed in Scopus).
5. S.K.Manigandan and **S.Manjula**, "Hybrid Scheduling Queue Model For Efficient Resource Allocation In Cloud Data Centers",Journal Of Computational And Theoretical Nanoscience (CTN),Vol.15, No.3,2018, 1044-51(Indexed in Scopus).
6. P.S.Arthy and **S.Manjula**, "Design and Implementation of Control System 6-Ups Medical Robot Based On FPGA", International Journal of Pure and Applied Mathematics, Volume 117 No. 22 2017, pp.77-80.
7. **S.Manjula**, D.Selvathi and M.Suganthi, "Design of 2.4 GHz Low Power CMOS Transmitter Front End" International Journal of Pure and Applied Mathematics, Volume 117 No. 16 2017, 685-694.

8. M.Suganthi, **S.Manjula** and C.T.Kavitha, "A Robust Microcontroller Based Continuous Authentication System Using Touch Screen Patterns", International Journal of Pure and Applied Mathematics, Vol. 117 No. 16 2017, 713-717.
9. M.Suganthi and **S.Manjula**, "Enhancement of SNR in Fetal ECG Signal Extraction Using Combined SWT and WLSR in Parallel EKF" Cluster Computing, 2018 (Published Online). (Indexed in Scopus).
10. **S.Manjula**, M.Malleswari, M.Suganthi, "Design of Low Power UWB CMOS Low Noise Amplifier using Active Inductor for WLAN Receiver", International Journal of Engineering & Technology, 7(2.24)(2018) (Indexed in Scopus).
11. M. Rajeshwari Suve, J. Saleesha, S. Saritha Lakshmi, **S. Manjula**, "Wireless Power Transfer Using Quasi Z Source Topology For Battery Charging Applications", International Journal of Pure and Applied Mathematics, Volume 119 No. 15, 2018, 981-986.
12. M.Malleswari and **S.Manjula**, "Design of CMOS High Linear Low Noise Amplifier for Small Satellite Ground Station", International Journal of Engineering and Technology, Vol.7, No.24, 2018, pp.775-778 (Indexed in Scopus).
13. M.Suganthi and **S.Manjula**, "Performance Analysis of PCA- GKPCA Features For Iris Using SVM - KNN Classifiers", International Journal of Information Technology and Management. (Accepted) (Indexed in Scopus).
14. J.Velmurugan and **S.Manjula**, "Securing Fog Storage Nodes using an Attributebased Encryption Scheme and Multi-Factor Authentication", International Journal of Engineering and Advanced Technology (IJEAT), Vol.9 No.1, 2019, pp.2559-2566 (Indexed in Scopus).

### INTERNATIONAL CONFERENCES: 3

1. **S.Manjula**, M.Malleswari and M.Suganthi, "Design of Low Power UWB CMOS Low Noise Amplifier Using Active Inductor For WLAN Receiver", International Conference on Science, Engineering and Management Research (ICSEMR-2K18), March 9-10, 2018.
2. M.Gayathri Devi, **S.Manjula**, "A Comparative Analysis on Image Fusion Algorithms Based on Compressive Sensing", IEEE International conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) (I-SMAC 2018), August 30-31, pp.297-302 (Scopus).
3. V.Parthasarathy and **S.Manjula**, "A Collective and Comparative Study of Various Routing Protocol and the Threats in MANET", 8<sup>th</sup> "International Conference on Innovations in Electronics & Communication Engineering" (ICIECE-2019).