

LIST OF PUBLICATIONS

International Journals

1. **Chandrasekaran, V** & Shanmugam, A 2013, 'Performance Analysis of Energy Efficient Clustering in Wireless Sensor Networks', Journal of Theoretical and Applied Information Technology, ISSN: 1992-8645, vol. 58, no. 3, pp.687-696. [Impact Factor: 1.71, Ref. Annexure-II]
2. **Chandrasekaran, V** & Shanmugam, A, 'Analyzing Energy Efficient Clustering with Hierarchical Routing in Wireless Sensor Networks', IAENG International Journal of Computer Science, ISSN: 1816-157X. [Impact Factor: 0.466, Ref. Annexure-II](Accepted). 1819-9224 (online version); 1819-656X.
3. **Chandrasekaran, V** & Shanmugam, A 2012, 'A Review on Hierarchical Cluster Based Routing in Wireless Sensor Networks', Journal of Global Research in Computer Science, ISSN 2229-371X, vol. 3, issue 2, pp.12-16.
4. **Chandrasekaran, V**, Anitha, S & Shanmugam, A 2013, 'A Research Survey on Experimental Tools for Simulating Wireless Sensor Networks', International Journal of Computer Applications, ISSN: 0975 – 8887, vol. 79, no 16, pp.1-9.
5. **Chandrasekaran, V** & Anitha, S 2012, 'A Novel Energy Efficient Distributed Clustering in Wireless Sensor Networks', International Journal of Engineering Research and Applications, ISSN: 2248-9622, vol. 2, issue5, pp. 2128-2131.
6. **Chandrasekaran, V** & Shanmugam, A 2012, 'Performance Analysis of Cluster Based Energy Efficient Hierarchical Routing in Wireless Sensor Networks', Archives Des Sciences Journal, ISSN: 1661-464X, vol. 65, issue 12, pp. 366-374.
7. **Chandrasekaran, V**, Mahendrakumar, S, Senthilprakash, K & Sasikala, R 2012, 'Stable And Energy Efficient Routing For Mobile Ad-Hoc Networks Using Backbone Nodes', International Journal of Advanced Research in Computer Science, ISSN 0976-5697, vol. 3, issue 2, pp. 303-308.

8. **Chandrasekaran, V** & Shanmugam, A 2013, 'An Energy Efficient Multihop Hierarchical Routing in Wireless Sensor Networks', IOSR Journal of Electronics and Communication Engineering (IOSR-JECE), ISSN: 2278-8735, vol. 5, issue 4, pp. 61-65.
9. **Chandrasekaran, V**, Lalitha, K & Anitha, S 2013, 'Secure Energy Aware Multi-hop Routing Protocol for Wireless Sensor Networks', International Journal of Advanced Research in Computer Science, ISSN 0976-5697, vol. 4, issue 4, pp. 92-100.
10. **Chandrasekaran, V** & Shanmugam, A 2013, 'An Energy Efficient Clustering With Cluster ID Based Hierarchical Routing In Wireless Sensor Networks', International Journal of Research in Electronics & Communication Technology, ISSN: 2347-6109, vol. 1, issue 2, pp. 162-168.
11. **Chandrasekaran, V** & Shanmugam, A, 'A Service Oriented Framework for Real-Time Monitoring Of Agricultural Parameters Using WSNs', International Journal of Advanced Research in Computer Science and Software Engineering, ISSN: 1816-157X. **(Accepted)**.
12. **Chandrasekaran, V** & Shanmugam, A, 'Improving the Energy Efficiency in Cluster Based Multilevel Hierarchical Routing in WSNs using Compressed Sensing', International Journal of Advanced Research in Computer and Communication Engineering, ISSN : 2319-5940. **(Accepted)**.

Conferences

1. **Chandrasekaran, V** & Shanmugam, A 2012, 'Energy Efficient Sleep Strategy for Energy Conservation in Wireless Sensor Networks', International conference on Controls, Communications & Systems – 2012 (ICCCS – 2012), Mahendra Engineering College.
2. **Chandrasekaran, V** & Shanmugam, A 2010, 'A Dynamic Clustering and Energy Efficient Routing Technique for Sensor Networks', National Conference on Recent Advances in Communication Engineering – RACE'10, Velalar College of Engineering and Technology.
3. **Chandrasekaran, V** & Shanmugam, A 2012, 'Power Efficient Data Aggregation in Wireless Sensor Networks', National Level conference on Advanced Embedded Systems and Signal Processing (NCAESP'12), Park College of Engineering and Technology.

4. **Chandrasekaran, V & Shanmugam, A** 2012, 'Extending the Lifetime of Wireless Sensor Networks through High Energy First Clustering', National Level conference on Advanced Embedded Systems and Signal Processing (NCAESP'12), Park College of Engineering and Technology.
5. **Chandrasekaran, V & Shanmugam, A** 2014, 'Modeling and Analysis of Cluster based WSN by Area Throuput Optimizing', International conference on Innovative Engineering Skills (ACETIC – 2014), Aishwarya College of Engineering and Technology.
6. **Chandrasekaran, V & Shanmugam, A** 2014, 'Optimization of Area Throuput in Cluster based Wireless Sensor Networks', National conference on Signals, Systems and Security (NCSSS – 2014), Bannariamman Institute of Technology.