

List of Research Publications

- [1] **Manisha Bhende, Sanjeev Wagh**, “Cyclic Cellular Automata to Enhance Lifetime of Wireless Sensor Network” Accepted by Engineering letters, Scopus indexed journal , Acceptance rate is 10%.
- [2] **Manisha Bhende, Sanjeev Wagh**, “Comparative analysis of topology control algorithms to enhance network Lifetime” , *ARPJ Journal of Engineering and Applied Sciences*, ISSN: 1819-6608, Volume 10, No 2, February 2015
- [3] **Manisha Bhende, Sanjeev Wagh**, “Improving Efficiency of Topology Control Algorithm using RSSI as link metric for Wireless Sensor Network”, *International Journal of Applied Engineering Research*, Scopus Indexed,
- [4] **Manisha Bhende, Sanjeev Wagh**, “Intelligent Car Park Management System using Wireless Sensor Network ”, *International Journal of Computer Application*, ISSN: 0975-8887, Volume 122, No 10, July 2015 pp. 1-6.
- [5] **Manisha Bhende, Sanjeev Wagh**, “Extending lifetime of Wireless Sensor Network using Connected Dominating Set and Energy Harvester” *IEEE International Conference, ICCUBEA-2014*, 26-27 Feb 2015, pp. 171-181 DOI
- [6] **Manisha Bhende, Sanjeev Wagh**, “Link Efficiency based Topology Control Algorithm for Wireless Sensor Network”, *Elsevier International Conference, ERCICA 2014*, 1-2 August 2014, pp. 116-122, ISBN 9789351072607
- [7] **Manisha Bhende, Sanjeev Wagh**, “ Extending Lifetime of wireless sensor network using cellular Automata”, *Springer International Conference, ICACCI-2014*, 12-15 September 2014, Intelligent Distributed Computing,
- [8] **Manisha Bhende, Sanjeev Wagh**, “Lifetime Maximization in Heterogeneous Wireless Sensor Network Based on Metaheuristic Approach” , *Springer International Conference, FICTA-2014*, Springer International Publishing
- [9] **Manisha Bhende, Sanjeev Wagh**, “A Quick Survey On Wireless Sensor Networks” IEEE International Conference, CSNT-2014, *Published in IEEE Explore*, DOI 1109/CSNT.2014.40 [Online] Available:

- [10] **Manisha Bhende, Sanjeev Wagh**, “Energy Efficient Wireless Sensor Networks For Agriculture Monitoring ” submitted to Journal of Agricultural
- [11] **Manisha Bhende, Sanjeev Wagh**, “IPoly: Improved Reliable and Energy Efficient Topology Control Protocol for Wireless Sensor Network”, c-PGCON-2014, University of Pune, 28-29 Mar. 2014.
- [12] **Manisha Bhende, Sanjeev Wagh** “Efficient use of Wireless Sensor Network for Monitoring Environmental Parameter for Precision Agriculture” Obtained Copyright (Dairy Number: L-58585/2014) Dated 19/05/2014. [Online]
- [13] **Manisha Bhende, Sanjeev Wagh** “ Title of the invention: Managing Grain Storage” Application No.1980/MUM/2014 A, Date of filing of Patent Application:19/06/2014.
- [14] **Manisha Bhende, Sanjeev Wagh** “ Title of the invention: Automatic Vehicle Park Management System using Wireless Sensor Network” Application no.1500/MUM/2014, Date of filing of Patent Application:29/04/2014

ABOUT CANDIDATE

Mrs. Manisha Bhende received her ME from University of Pune and Bachelors degree from government college of Engineering, Amravati, India. Currently She is pursuing PhD from University of Pune. Since last 17 years she is working with D. Y. Patil group. Her research interest includes Wireless Sensor Network, Network Security, Cloud Computing, Operating system. She has published more than 20 papers in International, National conferences and Journals. She is having two copyrights on her name and applied for Patents. She is working as reviewer for various International conferences, Journals. She won Young IT Professional Award by CSI in 2006. Manisha Bhende is member of ISTE, ACM, CSI, and IET.