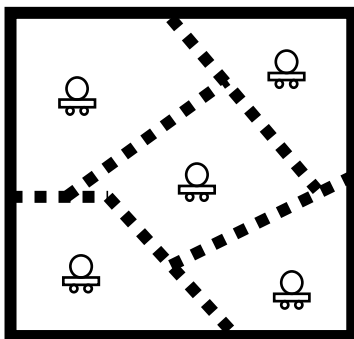


WSN Planner Version 1.0



Released on

Auspicious occasion of **Gudhi Padva**,
March 23rd, 2012.

Developing Team:

Mrs. Neha R. Deshpande

Mr. Amod P. Rale

Mentor: Professor A.D.Shaligram

Wireless Sensor Network Planner simulation tool is developed in the Department of Electronic Science, University of Pune under the guidance of Dr. A.D. Shaligram. We are happy to announce the release of the first version of this planner. This planner accepts various arrangements and communication related parameters of wireless nodes from user and computes the network connectivity and coverage. It is intended to evolve as a tool to provide facility for the user to find most efficient arrangement of nodes with minimum/optimum number of nodes to cover maximum possible area.

This application simulates connectivity pattern between these wireless nodes for given parameters such as range and arrangement. This can be used for wireless sensor network deployment planning in applications such as:

- Large food grain warehouse monitoring,
- Power grid monitoring,
- Building automation,
- Monitoring animal attacks on large farms etc.

This tool is available in the Department of Electronic Science, University of Pune and prospective users/researchers are encouraged to avail this facility to support their research work in wireless sensor networks.

For further details please contact:



University of Pune

Dr. A.D.Shaligram,
Professor and Head
Dept. of Electronic Science,
University of Pune, Pune 411 007
Tel (+91) 20 2569 9841/1256
Mobile (+91) 9373318687
ads@electronics.unipune.ac.in



**Dept of Electronic Science
University of Pune**