Abstract

Wireless Sensor Networks is gaining importance day by day and they are more and more promising because of the potential and features available with them to revolutionize life and economy, with its wide range of applications. Wireless Sensor Networks (WSN) is formed by using large no of motes. Since analyticla modelling of WSN is very complex, it leads to simple analysis. Otherhand, preparing test-beds requires a huge effort. therefore, simulation tools are must to study WSN, and it requires a suitable model based on solid assumptions and framework. Simulatorsease the way of implementation. In addition, simulation resultare totally dependant on the specific environment, scenario under study, physical layer, hardware
consideration and assumptions made are not equally correct to capture the real parameters and behavior of WSN. In order to work on WSN, simulators plays a very important role by providing simulation environment, that will meet researchers requirement to conduct experiments in specific area. This paper would discuss the important features and classification of various simulators.

**References**

Index Terms

Computer Science

Wireless
Keywords

Wsn  Sensor Network  Simulation  Motes  Tools.