Abstract

Wireless Body Area Networks consisting of sensor nodes which are connected to each other through a wireless link. Sensor nodes sense the signal and send it to the sink node. Zigbee protocol is used in this study. It has various advantages over other communication standards in terms of low power consumption, low battery consumption, short range etc. Various network simulators are used for Wireless Sensor Network, Opnet is one of them. In this paper different
network topologies are evaluated. Based on the results obtained from the paper, researchers will get the useful information about the simulator. Some drawbacks of simulator are also discussed in this paper.

References


Index Terms

Computer Science
Wireless

Keywords
Zigbee  Opnet  coordinator  router  end Devices.