Abstract

This paper presents a routing protocol for the applications of Wireless Sensor Network (WSN). PEGASIS protocol is a chain-based routing scheme. One of the key problems for Wireless Sensor Networks (WSNs) is the design of energy-efficient Routing Algorithm, because sensor energy is limited. Earlier pegasus protocol is based on two parameters i.e. Distance and Residual energy. In this paper modification is being carried out in decision parameter i.e. response which check the response of nearby node before transmitting the data as well as specify the proposed algorithm for the modified pegasus protocol. Main aim is to increase network lifetime as well as increase the presence of live nodes so that more nodes will remain exist.
- An improved PEGASIS Protocol to enhance energy utilization in WSN VOLUME 2 ISSUE 3 May 2012

Index Terms

Computer Science Wireless

Keywords

Wireless Sensor Network PEGASIS Routing Protocol