Abstract

A sensor network is a system that consists of thousands of very small stations called sensor nodes. The communication among nodes is done in a wireless fashion, and thus, the name of wireless sensor networks. Wireless sensor networks (WSN) have generated tremendous interest among researchers in recent years because of their potential usage in wide variety of applications [1]. In mobile sensor network (MSN), nodes are free to move with wireless links without any infrastructure. This paper investigates & undertakes simulation based study of Adhoc Routing Protocols in wireless sensor Network. In this paper comparison of four Routing Protocols AODV, DYMO, OLSR & IERP is done by using random waypoint mobility model and changing the nodes mobility using QualNet 5. 0. 2 Simulator. The metrics used for performance evaluation are Average Jitter, Throughput, End-to End delay, Signals received with errors, Average Queue Length, Packets to Application Layer, Total packets Received at the Receiver end.

- Sree Ranga Raju, Dr. Jitendranath Mungara, "ZRP versus AODV and DSR..."


**Index Terms**

Computer Science Wireless

**Keywords**

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