Abstract

The wireless body area network is the other type of network which is used to sense the body conditions. In the wireless body area network, seven sensors are used with sense the whole human body conditions. These sensors sense the conditions and pass information to the transmitter. The main problem which occurred in the wireless body area network is FAULT. To recover fault ARP scheme is used. In this extra nodes deployed with the sensor nodes. The simulation results also verify the efficiency of proposed technique using three parameters energy consumption, routing overhead and throughput. The ARP improves 56% energy as compared to existing method Routing protocol (RP). In addition, ARP approach improves throughput 18% delay.

References


Index Terms

Computer Science Wireless

Keywords

WSN, WBAN Protocols, WBAN network, Relay protocol.