Patent Search

Invention Title	ENHANCEMENT OF QUALITY OF SERVICE IN WIRELESS SENSOR NETWORK BY REDUNDANT SENSORS CONTROLLING
Publication Number	50/2020
Publication Date	11/12/2020
Publication Type	INA
Application Number	202041051968
Application Filing Date	28/11/2020
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	COMMUNICATION
Classification (IPC)	H04W 84/18

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Abstract:

Wireless Sensor Network contains randomly distributed Sensors which are tiny through which the data is transmitted or services are provided to the end users. The Q Service (QoS) depends on these sensors deployment to overcome the redundancy in the network. The present invention disclosed here is Enhancement of Quality of Wireless Sensor Network by Redundant Sensors Controlling comprising of: Deployment of Sensors (201); Network Parameters (202); Fuzzy Controller (203); Protocol (improves the quality of service by controlling the redundant sensors in the wireless network. The redundant sensors are analysed and controlled by the Fuzzy logic. T consumed by the Redundant Sensor Nodes is reduced by the Adaptive Clustering Hierarchy Redundancy Aware Protocol (ACH-RAP) to increase the network lifetime.

Complete Specification

Claims:1. Enhancement of Quality of Service in Wireless Sensor Network by Redundant Sensors Controlling comprising of: Deployment of Sensors (201); Networ Parameters (202); Fuzzy Controller (203); Protocol (204); improves the quality of service by controlling the redundant sensors in the wireless network.
2. Enhancement of Quality of Service in Wireless Sensor Network by Redundant Sensors Controlling as claimed in claim 1, wherein deploys the sensors in the wir sensor network randomly by the air drop method.
3. Enhancement of Quality of Service in Wireless Sensor Network by Redundant Sensors Controlling as claimed in claim 1, wherein it calculates the network parar decide the quality of service, the Node Selection probability to decide the redundant sensors in the network.
4. Enhancement of Quality of Service in Wireless Sensor Network by Redundant Sensors Controlling as claimed in claim 1, wherein it uses fuzzy controllers to ider redundant sensors present in the network.
5. Enhancement of Quality of Service in Wireless Sensor Network by Redundant Sensors Controlling as claimed in claim 1, wherein it uses Adaptive Clustering Hie Redundancy Aware Protocol (ACH-RAP) to increase the network lifetime by identifying the extra sensors present near the base station.
6. Enhancement of Quality of Service in Wireless Sensor Network by Redundant Sensors Controlling as claimed in claim 1, wherein it reduces the redundant sens 20% to improve the QoS Quality.
, Description:The entire Enhancement of Quality of Service in Wireless Sensor Network by Redundant Sensors Controlling is explored and Enhancement of Quality Service in Wireless Sensor Network by Redundant Sensors Controlling is provided in the following layout that explains the entire view of the implementation of the invention that improves the quality of service by controlling the redundant sensors in the wireless network

View Application Status