

IMPROVED POWER CONSERVATION THROUGH ENERGY EFFICIENT LEACH PROTOCOL IN WIRELESS SENSOR NETWORKS (IPCEELP)

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ABSTRACT

In this paper, the LEACH protocol for the WSN have been reported. The main requirements of WSN are to improve the lifetime and energy efficiency of network. Here, our proposed protocol has been improving the lifetime and energy efficiency of WSN network. In this work we focus in the residual energy of sensor nodes to elect the cluster head of any cluster formation. This proposed has given comparative study of three cluster heads called improve to LEACH protocol and HEED on the basis energy efficiency and lifetime.

KEYWORDS: Wireless Sensor Networks (WSN), Cluster Head Election, LEACH and HEED Protocol