

# A Review on Various Approaches of Communication in Wireless Sensor Network

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**Abstract:** WSN is the field on recent technology that is based on sensors. Sensors have been used for sensing information from environment in which human interaction is not possible. In these types of areas sensor network has been deployed so that information can be collected from the environment and used for further processing. Due to non-interaction WSN is energy aware network that must be used in such a manner so that minimum amount energy must be used in data sensing and transmission to base station. In this paper various energy optimization routing protocols have been discussed. Clustering based routing protocols are the best resulted routing protocols that can be used for energy optimization. In this paper LEACH, C-leach, DEEC, HEED, BEC has been discussed, that describe working of these routing protocols and how these can be effective in WSN.

**Keywords:** LEACH, BEC, DEEC, C-Leach, HEED