

Abstract Details

Title: A Review on Wireless Sensor Network- Architecture, Applications and Attacks

Author: Pulkit Berwal

Abstract: A wireless sensor network (WSN) consists of spatially distributed autonomous sensors to monitor physical or environmental conditions, such as temperature, sound, vibration, pressure, motion or pollutants., and to cooperatively pass their data through the network to a main location. The WSN is built of "nodes" – from a few to several hundreds or even thousands, where each node is connected to one (or sometimes several) sensors. This paper deals with wireless sensor network as cluster sensor network, its applications and various platforms on which it can be implemented and about simulation of WSN. The emphasis of this paper is not to discuss some particular topic of WSN but discuss about its applications, platforms etc. in brief.

Keywords: Sensor Network (WSN), Security, Attacks, Mesh Network, Star Network, Industrial Automation.