



**SURVEY ARTICLE**

# **WIRELESS SENSOR NETWORK AND ITS ROUTING PROTOCOL: A SURVEY PAPER**

**Reena<sup>1</sup>, Sunil Phulre<sup>2</sup>, Rekha Pandit<sup>3</sup>**

<sup>1</sup>CSE & RGPV, BHOPAL, India

<sup>2</sup>CSE & RGPV, BHOPAL, India

<sup>3</sup>CSE & RGPV, BHOPAL, India

<sup>1</sup> reena241088@gmail.com; <sup>2</sup> sunilphulre@rediffmail.com; <sup>3</sup> rekhapandit@rediffmail.com

---

*Abstract— Wireless sensor network contain hundreds of sensor nodes. These sensor nodes uses radio signal using communication. A wireless sensor node is well found with radio transceiver, sensor device and power component. A wireless sensor network is made up of sensor, embedded techniques, distributed information mechanism. Wireless sensor network is much versatile as compared to traditional wireless network. In this paper there is a complete study of WSN with their routing protocols. Now, as the Quality of service is important consideration for any network so also discussed quality of service with challenges for WSN.*

*Key Terms: - wireless sensor network; routing protocols; QoS; leach; Apteen; Teen*

---

Full Text: <http://www.ijcsmc.com/docs/papers/June2013/V2I6201320.pdf>