**ZIGBEE HOME AUTOMATION**

### *Submitted By*

###### Ms. PRATIKSHA BAWANGADE Ms. ARTI MARJIVE

###### Mr. PANKAJ SINGH

[Pankajrsingh3@gmail.com](mailto:Pankajrsingh3@gmail.com)

9579230001

**ABSTRACT**

Have you ever walked into an empty house where the temperature was at a comfortable level, your dinner was hot and waiting for you, and the TV was tuned onto your favourite channel? This is not an expensive dream anymore.

Thanks to the rapid development of electrical and electronics technology and the growth of technology of wireless sensors that high speed networking is now stepping deeper; from into office oriented environments based on business industries to into home networks. Home network based applications are very diverse and the remote

monitoring and control areas have been studied. Recently, ZigBee has become one of the most promising technologies for home networks. ZigBee is a specification for a suite of networking, security and application software layers using small, low-power, low data rate communication technology based on IEEE 802.15.4 standard for personal area networks. Moreover, owing to the rapid growth of mobile technology, high-performance smartphones are widespread and in increasing cases are utilized as a terminal device. In this report, we brief about the design and implementation of our project which concerns Home Automation and Remote Monitoring of Industrial Appliances using ZigBee networks.