VISVESVARAYA TECHNOLOGICAL UNIVERSITY

BELGAUM-590 010, KARNATAKA

A PROJECT REPORT ON

"WIRELESS IMPLEMENTATION OF VOTING SYSTEM"

Submitted for the partial fulfillment of the requirements for the award of the degree of

Bachelor of Engineering

In

COMPUTER SCIENCE & ENGINEERING

Submitted By

Mamatha Rani B.M	**2SR07CS026**
Poornima S.N	**2SR07CS034**
Suneel Kumar M.S	**2SR07CS051**

Under the Guidance of

Mr.Ramesh Kumar H.K M. Tech (CS&E)
Lecturer
Dept.Of Computer Science and Engg

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

SRI TARALABALU JAGADGURU INSTITUTE OF TECHNOLOGY

RANEBENNUR 581 115

2010-2011

ABSTRACT

Wireless technology is expected to be the dominant mode of access technology in the future. Besides voice, a new data range of services such as multimedia and high speed data are being offered for delivery over wireless network. Mobility will be seamless, realizing the concept of persons' being in contact anywhere, at any time. Throughout this paper, we review the long, interesting development of wireless communication in the past, examine the current progress in standards and technologies, and finally discuss possible trends for wireless communication solutions.

ZigBee and IEEE 802.15.4 are standards-based protocols that provide the network infrastructure required for wireless sensor network applications. IEEE 802.15.4 defines the physical, MAC layers and ZigBee defines the network and application layers.

For sensor network applications, key design requirements revolve around long battery life, low cost, small footprint, and mesh networking to support communication between large numbers of devices in an interoperable and multi-application environment.