

"WIRELESS ELECTRICAL FAULT DETECTOR AND INFORMER"

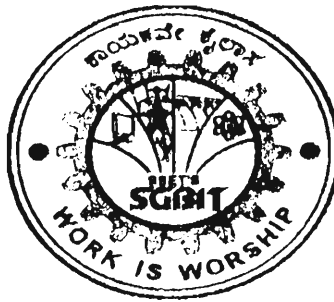
**A Project Report
submitted in partial fulfillment of the requirements
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Submitted by

**Shilpa S. Munavalli
Shilpa I. Hiremath**

**Bindu Rimmalpudi
Neeta M.Shet**

**Under the Guidance of
Ms. Bharati Mallikarjuna**



DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

**Shri Siddharameshwar Education Trust's(R)
S.G.BALEKUNDRI INSTITUTE OF TECHNOLOGY
SHIVABASAVA NAGAR, BELGAUM-591010**

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM
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ABSTRACT

Wireless Sensor fault detection system is a special kind of detecting and informing it to the supply substations that uses the radio frequency signals for the transmitting data by network with particular characteristics, like for example, the severe computational and fault detecting restrictions presented by their elements. It is interesting to use wireless services and functions in this kind of network with the goal of promoting wireless service and quality of the provided services. An evaluation performed in order to verify the applicability of these wireless sensors developed for traditional networks in s has shown that they are not suitable, given the speci?c features of these networks. In this work, we aim to de?ne adherent to the particularities of this kind of network, allowing them to be managed without resources overconsumption.

Keywords: wireless sensor networks management, fault detecting system,