

[Title of the project]

*Report submitted in fulfillment of the requirements
for the Exploratory Project of*

Second Year B.Tech.

by

[Name of the student]

Under the guidance of

[Name of Supervisor]



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May 2017

Dedicated to

My parents, teachers,.....

Declaration

I certify that

1. The work contained in this report is original and has been done by myself and the general supervision of my supervisor.
2. The work has not been submitted for any project.
3. Whenever I have used materials (data, theoretical analysis, results) from other sources, I have given due credit to them by citing them in the text of the thesis and giving their details in the references.
4. Whenever I have quoted written materials from other sources, I have put them under quotation marks and given due credit to the sources by citing them and giving required details in the references.

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Certificate

*This is to certify that the work contained in this report entitled “[**Title of the project**]” being submitted by [**Name of the student**] (**Roll No.** [**Roll Number**]), carried out in the Department of Computer Science and Engineering, Indian Institute of Technology (BHU) Varanasi, is a bona fide work of our supervision.*

Place: IIT (BHU) Varanasi
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Acknowledgments

I would like to express my sincere gratitude to.....

Place: IIT (BHU) Varanasi

Date:

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Abstract

Abstract of your work

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List of Symbols

Symbol	Description
Ψ	Field of Interest (FoI)
Ω	Boundary region of a FoI
b	Width of a region Ω
l	Length of a region Ω
ξ_i^k	Redundancy degree of a type i sensor for k -coverage of a FoI

Chapter 1

Introduction

1.1 Overview

Wireless sensor networks (WSNs).....

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1.2 Motivation of the Research Work

1.3 Organisation of the Report

Chapter 2

Project Work

In the chapter, [1].

Sensor	Storage unit
Tmote	10k RAM and 48k Flash
BTnode	180 Kbyte SRAM, 128 Kbyte Flash ROM, 4 Kbyte EEPROM
CSIRO Fleck	512K external memory
EYES	60 Kbytes of program memory and 4 Kbyte EEPROM
MicaZ	4K RAM 128K Flash
Telos	4K RAM

Table 2.1 Illustration of storage units in WSNs.

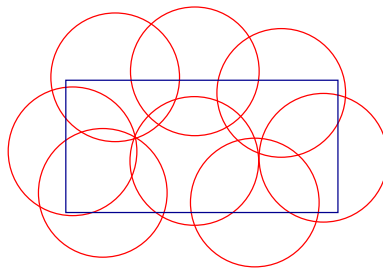


Figure 2.1 Illustration of the target coverage in the FoI.

Chapter 3

Add chapters if req

Chapter 4

Conclusions and Discussion

This report has made five major contributions

Future Directions

This report gives rise to a number of important....

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Bibliography

- [1] H. M. Ammari and S. K. Das, “Joint k-coverage and hybrid forwarding in duty-cycled three-dimensional wireless sensor networks,” in *Proc. of SECON*, 2008, pp. 170–178.