



# Project Name

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A THESIS SUBMITTED IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR  
THE DEGREE OF BACHELORS OF SCIENCE IN COMPUTER ENGINEERING

**Department of Electrical and Computer Engineering  
COMSATS University Islamabad, Attock Campus, Pakistan.**

To the person who helped...

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I am very thankful to the administration and faculty of COMSATS University Islamabad, Attock Campus for providing me a great environment that helped me a lot in conducting my FYP related activities.

Thank You!

## Abstract

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The main objectives of this .....

This studies addresses a ....

In particular, the proposed ....

While the proposed .....

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# Chapter 1

## Introduction

### 1.1 Introduction

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## 1.2 Motivation

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## 1.3 Research Question

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1. item 1
2. item 2
3. item 3

## 1.4 UN Stainability Goals

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# Chapter 2

## Literature Review

In the chapter 1 we have given the introduction of our project, motivation behind doing that, research question within that, UN sustainable goals and a thesis break down. Our introduction chapter is giving a complete overview of this project report.

### 2.1 Literature Review

This chapter is about studies and literatures that are related to the Automatic Meter Reading that the proponents made use of different reading materials (such as thesis, articles, and other web articles) that will help extending the knowledge of the proponents. These reading materials will also guide the proponent to improve and develop their proposed system more effectively.

### 2.2 Concluding Remarks

In this chapter, we have given a overall review about the literature related to the Automatic Meter Reading. GPRS technology is highlighted, used and recommended by many of the research paper because of it's benefits in cost as well as it's Accuracy. In the chapter 3 we will proposed methodology which we will use for our project with block diagrams, flowcharts, Mathematical Modeling, escudo code and component selection related to the hardware and software.

# Chapter 3

## Proposed Methodology

In the previous chapter, we have discussed the theories that support this research related to the Automatic Meter Reading. In this chapter we will proposed our methodology for this project while giving details about block diagram, system model, flow chart, mathematical modeling, algorithms being used in this project and hardware and software selection too.

### **3.1 Block Diagram**

### **3.2 Flow Diagram**

### **3.3 System Model**

### **3.4 Flowchart**

### **3.5 Pseudo code of The Project/Algorithms**

### **3.6 Mathematical Modeling**

### **3.7 Component Selection**

# Chapter 4

## Results and Simulation

### 4.1 Simulation Results

#### 4.1.1 Software

#### 4.1.2 Hardware

### 4.2 Statistical Analysis

# Chapter 5

## Conclusion and Future Work

### 5.1 Conclusion

### 5.2 Future Work