

**TRIBHUVAN UNIVERSITY**  
**INSTITUTE OF ENGINEERING**  
ADVANCED COLLEGE OF ENGINEERING AND MANAGEMENT  
DEPARTMENT OF ELECTRONICS AND COMPUTER ENGINEERING  
  
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**A Minor Project Mid-Term Report On //14 bold** uppercase  
preferred with title on double quotations “ ”

**<Project Title > //14 bold**

<Project Code> //12

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A Minor Project Mid-term report submitted to the Department of Electronics and  
Computer Engineering in the partial fulfillment of the requirements for Degree of  
Bachelor of Engineering in Computer Engineering  
Kathmandu, Nepal  
<date>

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## **ABSTRACT**

Abstract is compulsory. The heading **ABSTRACT**, in capital letters and bold should be centered between the left and right margins, without punctuating or underlining. Limited to one page only.

**Keywords:** 3-7 keywords based on the research/project should be kept in the page of the abstract below the main text of the abstract leaving one blank line and should be in **Italics and alphabetical order**.

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## **List of Abbreviations/Acronyms**

CO <sub>2</sub>	Carbon dioxide
CPS	Center for Postgraduate Studies
Ha.	Hectare
m <sup>3</sup> meter)	Meter cube (Cubic
NEC College	Nepal Engineering
PU	Pokhara University
Sq.ft	Square feet
UNDP	United Nations Development Programme



## **List of Units and Conversions**

$\text{m}^3$	Meter cube (Cubic Meter)
Sq.ft	Square feet

# **CHAPTER 1**

## **INTRODUCTION**

This chapter should discuss the background of the research/project issues being dealt with, the statement of the problem, project objectives, significance of the study, and scope and limitation of the study.

Introduction must revolve around the central research/project issue.

### **1.1 Background**

Brief background of the issues should be discussed under the background section. It should be done in the form of a brief literature review of related literature, which is essential to build a statement of the problem, research question, and research objectives in the later part of INTRODUCTION chapter

### **1.2 Motivation**

Explain about the motivating factor that inspired you to carry out this project.

### **1.3 Statement of the Problem**

This section must indicate what the problem is, why and how it is a problem. Similarly, the necessity to conduct the research should also be discussed. It should be supported by data or evidence. This section should be well connected with the background section and as brief as possible.

#### **1.4 Project objective**

This section should clearly mention what you want to achieve from the research. Usually objective is presented as general objective and specific objectives. The general objective of research should be only one and should be in line with the title. To meet the general objective, several specific objectives could be set. Specific objectives should be in line with research questions and are more or less equal in numbers of research questions.

#### **1.5 Significance of the study**

The importance of this research/project should be stated in this section, in terms of potential beneficiaries & the way they will be benefitted. The section should focus on justifying the topic of the proposed research.

## **CHAPTER 2**

### **LITERATURE REVIEW**

Literature review is basically a survey of published materials on the topic of interest authored by accredited scholars and researchers. It is quite important to uncover what is already known in the body of knowledge prior to initiating any research (Hart, 1998). Hence, it is a crucial endeavor for any academic research in theoretical and conceptual progress (Shaw, 1995 and, Webster and Watson, 2002). Thus, it helps to situate your research in the context of what is already known about the topic and find the gap that your research will bridge.

#### **Section 2.1**

##### **Sub-section 2.1.1**

##### **Sub Section 2.1.2**

#### **Section 2.2**

##### **Sub-section 2.2.1**

## **CHAPTER 3**

### **REQUIREMENT ANALYSIS**

This chapter includes about projects requirements (hardware and software requirement), Functional and non- functional requirements of the project and feasibility study of your project.

#### **Section 3.1**

##### **Sub-Section 3.1.1**

## **CHAPTER 4**

### **SYSTEM DESIGN AND ARCHITECTURE**

This chapter includes the discussion about the way you conducted your project in order to meet the objectives. The System design and Architecture should be summarized in the form of block diagram /flowchart. Selected methodology should be discussed in details along with the justification of selecting the methodology. It should include project design (DFD Diagrams, Use Case Diagrams, ER Diagrams etc...),

## **CHAPTER 5**

### **METHODOLOGY**

This chapter includes the discussion about the way you conducted your project in order to meet the objectives. It may contain the same thing (blocks or units) that have been explained in chapter 5. But the explanation should be in detail in a particular sequence in which you have done your work along with detail algorithms, procedures, circuit diagrams or others which illustrate the “how” part in detail.

Example:

Preprocessing block --- write down what and how it does along with different algorithms or diagrams that you have designed or used.

In few of the projects the chapter 4 and 5 may be combined together into “System (or Project) Design and Methodology”

#### **Section 5.1**

##### **Sub-section 5.1.1**

##### **Sub Section 5.1.2**

#### **Section 5.2**

##### **Sub-section 5.2.1**

## **CHAPTER 6**

### **EPILOGUE**

This chapter includes the output of your ongoing project and work remaining.

#### **Section 6.1 Work Progress**

##### **Sub-section 6.1.1**

##### **Sub Section 6.1.2**

#### **Section 6.2 Work Remaining**

##### **Sub-section 6.2.1**



## REFERENCES

The arguments in the project should be supported by proper evidences. This needs to be done by referring to earlier publications such as patents, journals, books, reports, thesis and other materials. Hence, referencing gives credit to the authors or organizations for using their work in your thesis. It provides the reader with evidence of the breadth and depth of researchers reading and enables readers to locate the references easily.

It is strongly recommended to follow the *IEEE referencing* format for the project. The referencing should be consistent on *IEEE referencing*.

## **APPENDICES**