# Final Report Format for the Final Year Project

## Everest Engineering College

## 2022

This document describes the final report format for the final year projects. Overall organization of the chapters should follow as described in this document. However, the breakdown of the chapters into sections, as suggested below, could vary depending on the project's objective and nature. The chapter organization for the project report with a brief description about each chapter is described below. The students need to finalize the chapter contents with a consultation of their supervisor.

## Front Matters

The front matters precede the main content of the report. They should be in the following order

- Cover page
- Declaration
- Certificate of Approval
- Copyright
- Acknowledgement
- Abstract
- Table of content
- List of Abbreviations
- List of Figures
- List of Tables

Note that the Certificate of Approval should be printed in the official letter-head of the college. Samples of Cover Page, Declaration, Certificate of Approval and Copyright is provided at the end of this document. *Students are informed to carefully read the samples and change the names, roll numbers and program (Compute Engineering / Information Technology Engineering), and supervisors's and external examiners' names, designations and affiliations appropriately.*

## Chapter 1: Introduction

This chapter could be breakdown into the following subsections.

- *Background*: Briefly introduce the
- *Motivation*: Briefly justify why the project is needed
- *Project Objectives*: Mention the project objectives that were included in the project proposal
- *Project Applications and Scope*: Describe the scenario where the project could be applicable

## Chapter 2: Literature Review

This chapter should describe all the previous works that could relate with the project work. The description should be based on contents published in research journals, conferences, books, official

websites and newspapers. But any strong academic claims should only refer to articles published in peer-reviewed journals and conferences.

There is no standard way to organize a literature review. But there are some points that need to be kept in mind while writing a literature review. The review should mention and describe terminologies and theoretical constructs required to understand the project topic. It should also differentiate what has been already understood or done in the area of interest, and what needs to be understood and done. In other words, the literature review should justify that the project objectives are indeed important and interesting.

The citation and references in the literature review as well as throughout the document should follow the IEEE standard.

## Chapter 3: Methodology

The methodology chapter could be breakdown into following subsections.

- *Theoretical Details:* This section should describe the theoretical details about the implementation of the project. For example, in a project that is going to compare different machine learning algorithms, one should describe what would be the comparison parameters, what is the rationale for selecting a particular dataset or designing a new dataset, and so on. Another example, in a MIS project, one should describe the use-cases, justify the entity-relationship diagrams, and so on.
- *Evaluation Plan:* This section describe how the success of the project will be evaluated. The evaluation plan in this section should be an elaborated versions of the evaluation plan presented in the project proposal.
- *Implementation Details*: This section should describe the details of the software and/or used, with a clear rationale for why the particular software and/or hardware is was used. If relevant, it should also describe the datasets used in the project.

## Chapter 4: Results and Analysis

This chapter should describe the project results and analyze them to infer an understanding of the problem domain. The content of this chapter could widely vary depending on the nature of the project.

For projects that deal with data analysis, this chapter must begin with *data description.* That is, the chapter should begin by presenting the basic statics for the dataset, like its size, the data type of the variables, the means and variations of the variables, and so on. In general, this chapter should include the main *results* obtained from the project work. For example, in a machine learning based model, it could include the details of regression-classification accuracies, a comparative importance of features, and so on. For a project that aims to build a system (like MIS), this chapter needs to describe the statistic, as mentioned in the evaluation plan, to justify that the system that has been built works correctly.

## Chapter 5: Conclusion

This chapter should summarize the main result of the project. One can also describe how the project can be extended in the future.

## References

After the conclusion, the report should contain the references in the IEEE format.

## General Guidelines

- Report should include cover page, letter of approval from the supervisor, and table of contents
- Print single sided sheets only. Use 12-point Times New Roman font.
- All tables and figures should be centered. Table captions should be centered above the table.
- All figure captions must appear centered under the figure.
- Reports should be free of typos, spelling, grammatical errors and other editing errors.

# Ghar Jagga Website

A Major Project Report

Submitted in the Partial Fulfillment

of

the Requirements for the Degree of

Bachelor in Information Technology Engineering

at

**Everest Engineering College**
**Sanepa, Lalitpur**
**Affiliated to Pokhara University**

by

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**2022**

**DECLARATION**

We hereby declare that the report of the project entitled "…………………." which is being submitted to the Department of Computer and Information Technology Engineering, Everest Engineering College, Sanepa, in the partial fulfillment of the requirements for the award of the Degree of Bachelor of Engineering in Information Technology Engineering, is a bonafide report of the work carried out by us. The materials contained in this report have not been submitted to any University or Institution for the award of any degree and we are the only author of this complete work and no sources other than the listed here have been used in this word.


Student name 1 (exam roll number)  signature


Student name 2 (exam roll number)  signature


Student name 3 (exam roll number)  signature


Student name  (exam roll number)  signature

# CERTIFICATE OF APPROVAL

The project report entitled **"………………"**, submitted by **………., ………., ……………** **and** **………..** in partial fulfillment of the requirement for the Bachelor's degree in Information Technology Engineering has been accepted as a bonafide record of work independently carried out by the group in the department.


…………………………..
Name of the external examiner
Designation
Affiliation

…………………………..
Name of the Supervisor
Designation
Affiliation


…………………………..
Nischal Regmi
Head of Department
Department of Computer and IT Engineering

# COPYRIGHT