Project report Layout

Front Pages

i. Cover page

ii. Declaration

iii. Acknowledgement

iv. Dedication

v. Table of contents

vi. Abbreviations

vii. Abstract

Very important

1. The cover page should be symmetrically arranged.

2. Each sub-title in the front pages should begin on a fresh page.

3. The table of content, table of figures etc., should automatically be generated using word or other relevant software.

4. Use Times New Roman, font size 12 and 1.5 line spacing.

5. All equations must be clearly typed using equation editor, Math Type etc.

   These equations must also be numbered, e.g. (2.1) refers to the first equation in Chapter 2.

6. All references must have been cited in the document body. References should be in alphabetical order, i.e., in the order in which they are referred to in the document.

FACULTY OF ENGINEERING AND THE BUILT ENVIRONMENT

SCHOOL OF ELECTRICAL AND ELECTRONIC ENGINEERING

DEPARTMENT OF AUTOMATION AND CONTROL ENGINEERING

Project Report

AUTOMATIC TANK WATER LEVEL CONTROL SYSTEM

Barack Obama

(EEEQ/0XXXX/2019)

Supervisor:

Bachelor of Technology

(Electrical Energy and Power Engineering)

This project report is submitted to the School of Electrical and Electronic Engineering in partial fulfillment of the requirements for the award of the degree of Bachelor of Technology

@2023

Declaration

I declare that this project report is my original work and has not been presented in any other University for award of a degree or otherwise.

Name ………………………… Signature …………………………Date………………

Student

This project report has been submitted for examination with our approval as the University supervisors.

Name ……………………….. Signature …………………….   Date

Project Supervisor

Name ……………………….. Signature …………………….   Date

Course Project Coordinator

Name ……………………….. Signature …………………….   Date

School Project Coordinator

Acknowledgement

Dedication

Table of Contents

Table of Figures

List of all figures in the report, complete with their titles
Sample

Table of Tables

List of all tables in the report, complete with their titles

Example:

Acronyms

Example:

LASER – Light Amplification by Stimulated Emission of Radiation

LED – Light Emitting Diode

SCADA – Supervisory Control and Data Acquisition

TUK – Technical University of Kenya

Abstract

The abstract gives a general brief overview of the project and should have paragraphs to explain:

    (i)   Problem solved

    (ii) How it was solved

    (iii) Results obtained

Chapter One: Introduction

This chapter introduces the problem and proposes an apt solution, which are detailed in the subtitles below. Relevant literature can be reviewed as background, problem statement and proposed solution is outlined. Referencing of all work accessed and quoted in this section must be done adopting one consistent format of referencing i.e. APA/IEEE.

1.1 Background information of the problem

Would usually introduce the context of problem, highlighting current techniques and existing solutions employed in the environment in which one wants to solve a problem

1.2 Problem Statement

This is a statement, or statements, that outline the weaknesses with the said current techniques. These statements basically find fault with or punch holes in the current way(s).

1.3 Objectives

1.4.1   Main objective

The eventual main purpose of the project and what the complete hardware/system should be able to perform

1.4.2   Specific Objectives

The individual tasks that the main parts of the complete hardware should be able to achieve. Understand that during your demonstration of the complete system/hardware, the examining panel shall evaluate the success of the system based on whether the said tasks are accurately achieved. Each objective is best started by the line, "The proposed system should be able to ………"

1.4 Justification

Chapter Two: Literature Review

Give a brief description of the research/project work, already carried out that is relevant to your research/project.

Make sure that the sources are properly acknowledged in the references section. Include relevant sub-headings according to the specific objectives.

In this chapter you can include theory of how your project works.

Chapter Three: Project Design and the Complete Circuit Diagram

Present design of your work of different units, providing sub-circuit diagrams in accordance with the sub-units(specific objectives) of your design. Present any program codes used in the design and finally, and finally, present the complete circuit diagram.

Chapter Four: Testing, Results and Discussion

Test and discuss results obtained from the implementation of your design or research work (based on your specific objectives). Include relevant sub-topics.

Chapter Five: Conclusion and Recommendations

- The conclusion is based on the project's objectives
- Recommendations for future work or improvement on the current work is highly encouraged for continuity of the project.
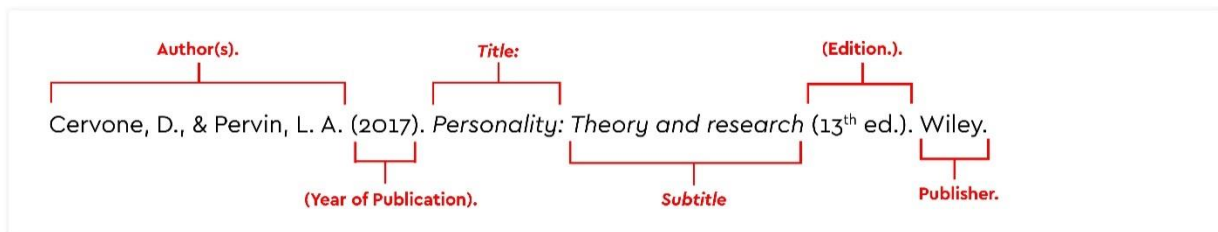
References

Numbered detail of the citations are arranged here in the sequence prescribed by the referencing style used.

The following are proposed presentation of citations and references:

Citation: In the body text

In the Reference Section: *Book*

Reference list entries contain all the information that is required to follow up your source. Reference lists in APA are arranged alphabetically by author.

[1] Jong, S. L., Jafri D., Lam H. Y. (2014). Analysis of fade dynamic at Ku-band in Malaysia. *International Journal of Antennas and Propagation*, 1-7.

[2] Freeman, R. I. (2007). *Radio System Design for Telecommunication* (3rd ed.), A Wiley Interscience Publication, John Wiley & Sons Inc.

[3] Stoneman, R. (2008). *Alexander the Great: A life in legend*. Yale University Press.

[4] Daily Nation (2020). "Kenya Power Assures consumers era of inflated bill over," [online] at https://www.nation.co.ke/counties/mombasa/Nomore-inflated-bills--Kenya-Power-says/1954178-4605092- s1l4gj/index.html. Sunday June 10 2018. [Accessed 21 April, 2020].

– Journal articles: [1]

- Books: [2] and [3]
- Online materials (URL): [3]

Note: (Try as much as possible to rely on information published in reputed journals and books from reputable publishers for reference.)