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UNIVERSITY TECHNOLOGY MARA
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FINAL REPORT OF DIPLOMA PROJECT

**VARIABLE POWER SUPPLY
(VARIABLE OUTPUT)**

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ABSTRACT

This project - Variable Power Supply – is designed to get a voltage in range that we had set first. Our output are consists of two variable output that was variable DC voltage and variable AC voltage. In this project, the important thing is how to make the value of output be variable. This project will be giving the value of voltage that we need to use. From this project it can make us easier to use any device in our live that use voltage to operate that thing.

CHAPTER I

INTRODUCTION

1.1) OBJECTIVE OF THE PROJECT

As you know, our project is about how to build a complete power supply that can supply in either AC or DC voltage. But our subgroup project is just to build a variable voltage of AC and DC and the hardware of the project. So, the objective in this project is:-

1. To make sure that student understands about scope of power engineering.
2. To give the student working experience.
3. To expose the student how to apply and integrate what they had learn in the class into the practically work.
4. To make sure the student has a practical experience in how to deal with some project.
5. To give the student learn more about working in group and be able to communicate with each other to solve problem.
6. Especially in power engineering, they will know about the component and be able to analysis what, why and how those component work in circuit.

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