



**THE DESIGN OF MILLENIUM ROSTRUM**

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## ABSTRACT

**The design of millennium rostrum** is our final project. This project is to help in learning process in our UiTM Penang branch. The overhead projector (OHP) is in rostrum because we can see in learning room; the OHP and rostrum have separate. So, we decide to combine the two objects or things become one new product, so it is 2 in 1.

This project is also to create a new design of the rostrum base on the other devices that been in market. The process to build the rostrum start from the cut the low carbon steel as a structure of the rostrum. After that, use the welding process to joint the steel and use the aluminum as a body to cover the structured. The structures have three bases. The two base of it can be removing and a middle base is a place that can put the overhead projector.

Besides that, we produce the new design of rostrum in UiTM Penang branch. It will give comfortable in learning process

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## **CHAPTER 1**

### **1.1 INTRODUCTION**

This product is generated when we see the problem in learning room, for example lecturer want to use the OHP but that thing (OHP) is not in class. So the lecturer must find the OHP to make the process learning continues. To find the OHP take a few times and this will waste time. It also to reduced space in learns classes have rostrum and OHP, so the spaces become crowded because of furniture in the room, to solve the problem we decide to create the new design of rostrum.

### **1.2 OBJECTIVE OF STUDY**

The objectives of our project are;

1. To design the rostrum with considers the customer need.
2. To solve problem space in classroom and the lecture.
3. To apply mechanical learning.
4. To give some idea for used concept of mechanical how to change and advantages for student and lecturer.