

UNIVERSITI TEKNOLOGIMARA

**DESIGN, ANALYSIS AND
FABRICATION OF DISH DRYING
RACK**

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ABSTRACT

The theme is about Household Products Technology & Innovation. This project is about to design a dish drying rack become an auto drying dish rack that useful for household work. Since nowadays, lot of people are busy with their works, and everything need to be rush and punctual. So, with this auto dish drying rack, it can save their time to organized and do not need to dry the dishes manually again. It has been very useful since the first invented in 1876 [1], where the dishes stand up and drip dry without getting water spots. The cutlery all organized in one section after washed all the dishes and then it is up to the air to do the rest of the work which is the drying process. However, there are still some problems that need to be fixed to get the full satisfactions from the user. Various methods such as collecting data from the survey, concept design, and fabrication idea were planned to get more improvement and innovation that they needed.

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CHAPTER TWO

LITERATURE REVIEW

2.1 Literature Review

After Chandler Vashti invented the first dish drying rack in 1876, a lot of people had followed and create their own new futuristic design that are convenient according to Trend. Started from the small to the big one had sold and satisfied the buyers. Even if already have a dishwasher at home, dish drying racks still can be essentials. It is because dish drying rack can hold the dishes when the dishwasher is not quite ready to load the any dishes [2].

2.2 Information on Existing Products

There are several types and design of dish drying rack that commercially in market such as over-the-sink drying rack, expandable dish rack, and etc.