

UNIVERSITI TEKNOLOGI MARA

**DESIGN, FABRICATION AND
ANALYSIS OF APAM BALIK
COOKER**

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ABSTRACT

“Design, Fabrication, and Analysis of Apam Balik Cooker” is the title of the proposed project. The reason for this is that preparing Apam Balik requires a lot of steps and actions. The goal of the suggested Apam Balik Cooker is to reduce the amount of energy used and the number of procedures to prepare an Apam Balik. The primary objective is sellers who need to move about and complete tasks quickly. This project may be made suitable and affordable by using materials that are not too expensive but still give good quality, resulting in a product that can be used for a long time. Steel is the primary material used to construct the Apam Balik Cooker. Aside from that, rubber tires are thought to be added to the Apam Balik Cooker to allow the vendor or user to move it about more easily than the standard Apam Balik Cooker. The cooker also uses electricity to heat the coil, which will turn into heat that heat up the Apam Balik Pan. The goal of this experiment is to transform a standard Apam Balik Cooker into a more user-friendly and comfortable Apam Balik Cooker. Im hoping that this project will meet all of its goals.

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CHAPTER ONE

INTRODUCTION

1.1 Background of Study

As we all know, most people in the country employ modern technology to improve everyday performance and efficiency, particularly those who sell food or water on the street, often known as "street vendors." They require rapid technology so that they can deliver or complete people's orders quickly so that customers do not have to wait long for their orders, especially on hot days. In Malaysia, the advanced technology or machines were only used in big industries because of its price and size. For those who work in the small industries have limited chance to obtain product like this making their work harder and must make huge amount of preparation.

The Apam Balik Cooker is a product that is incredibly practical product to have in the market especially for street vendor that sell Apam Balik to make a living. It increases the efficiency by allowing to make multiple Apam Balik in one time, which reduces the time where time is the most important aspect in the street vendor life. If the orders can be completed more means more profit for them. What if there is a Apam Balik Cooker that can cook Apam Balik and reduce the steps to make it.