

**UNIVERSITI TEKNOLOGI MARA
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NEWSPAPER WOOD RAILING

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AUTHOR'S DECLARATION

I declare that the work in this innovation project report was carried out in accordance with the regulations of Universiti Teknologi MARA. It is original and is the results of my own work, unless otherwise indicated or acknowledged as referenced work. This topic has not been submitted to any other academic institution or non-academic institution for any degree or qualification.

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TABLE OF CONTENTS

CONTENTS	PAGE
AUTHOR'S DECLARATION	i
ACKNOWLEDGMENT	ii
TABLE OF CONTENTS	iii
LIST OF FIGURES	v
LIST OF TABLES	vi
CHAPTER 1 INTRODUCTION	
1.1 Background of Study	1
1.2 Problem Statement	2
1.3 Research Question	2
1.4 Research Objectives	2
1.5 Scope of Study	3
1.6 Limitation of Study	3
1.7 Significance of Study	3
CHAPTER 2 LITERATURE REVIEW	
2.1 Introduction	4
2.2 Review Previous Innovation Approaches in Railing	4
2.2.1 Stainless Glass Railing	4
2.2.2 Aluminium Railing	6
2.2.3 Cable Railing	9
2.2.4 Metal Railing	11
2.3 Issues and Problem in Railing	14
2.3.1 Rusting on Handles	14
2.3.2 Shelling and Black Spots	15
2.3.3 Height of Railing	16
2.4 Concept of the Innovation	18

CHAPTER 1

INTRODUCTION

1.1 Background of Study

Over the last three to four decades, the concept of 'Cure' has begun to be transformed into the concept of 'Prevention' in many fields in which humans are actively involved. In the construction industry, the Green Building Concept evolved and came into existence in one form or another, and it is now rapidly gaining momentum around the world. A green building or campus is a place that combines green practices with promoting sustainable and environmentally friendly practices on. The concept of a green building, in its broadest sense, refers to a structure that has been built, used, maintained, or repurposed with the intention of protecting the health of its occupants, increasing employee productivity, making wise use of natural resources, and minimizing its negative environmental impact. To put it another way, the green building method takes environmental concerns into account at every stage of the building process. This process is concentrated on the design, construction, operation, and maintenance phases and considers lot design and development efficiency, energy and water efficiency, resource efficiency, indoor environmental quality, building-owner maintenance, and the overall environmental impact of the building. The following lists a few components of the green building idea.

The concept of sustainable development is rooted in thought-oriented thinking to help understand the environment with all its complex and serious problems that people created so that people are able to overcome them (Patel B, 2012). In creating sustainable development, it needs a lot of changes in the concept of thinking, especially what must be applied is the concept of returning to nature.