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**FIRE SAFETY MANAGEMENT IN STUDENT'S
COLLEGE AT HIGHER EDUCATION BUILDING.**

Dissertation submitted in partial fulfilment of the requirement for
the award of Bachelor of Quantity Surveying (Honours)

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ABSTRACT

This research about the awareness of the importance of fire safety management in student's college at higher education building. Colleges offer accommodation for university students. In addition, colleges are supposed to offer a desirable learning environment that is practical, meets with regulations, and has a strong focus on safety. Therefore, fire safety management should be a top priority in educational institutions. The aim of this research is to raise awareness of the importance of fire safety management in student's college at higher education building. The objectives of this research are to identify the requirement of fire safety maintenance management in the higher education building, to determine the compliance of fire safety maintenance management in the higher education building and to recommend the steps for fire safety maintenance management in the higher education building. Students and college staff will get questionnaires as part of the methodology for this research, which also includes some observation using the specified checklist. The findings found that among the recommendation for fire safety maintenance management in the higher education building, staff or students should know what to do in the event of a fire breakout. While the second step is staff or student need to know how to use the firefighting systems and lastly, skills training, seminars and workshops are necessary to give visitors, users and building occupants knowledge to handle in the event of fire breaks. By the end of this research, the awareness of the importance of fire safety management in student's college at higher education building will be determined. It is hoped that the aims and objectives of this research will be accomplished.

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TABLE OF CONTENTS

ABSTRACT.....	i
ACKNOWLEDGEMENT.....	ii
LIST OF FIGURES.....	x
LIST OF TABLES.....	xi
LIST OF ABBREVIATIONS.....	xiv
CHAPTER 1	
1.1 INTRODUCTION.....	1
1.2 PROBLEM STATEMENT.....	2
1.3 RESEARCH AIM.....	6
1.4 RESEARCH OBJECTIVES.....	7
1.5 RESEARCH QUESTIONS.....	7
1.6 SCOPE OF RESEARCH.....	7
1.7 CHAPTER OUTLINE.....	8
1.8 CONCLUSION.....	9

CHAPTER 1

INTRODUCTION

1.1 INTRODUCTION

Nadzim and Taib (2014) addressed that buildings are one of the most significant investments for any Higher Educational Institution (HEI) since they act as a gathering place for students, teachers, and the surrounding community. HEIs provide an attractive, conducive learning and academic achievement atmosphere for students and the entire institution's community (Ebenehi et al., 2017). As a result, it is critical to incorporate proper fire safety management to protect buildings from fire damage, as well as the lives of users.

The primary goal of building design is to keep people safe in the case of fire. Besides, every aspect of the structure, such as the architecture, materials, and lighting, its fire safety is influenced by its occupancy (Wegrzynski & Sulik, 2016). Hamida & Hassanain (2019) added that fire safety at college student should be maintained at an acceptable standard to protect occupants' lives and property.

Department of Statistics Malaysia (2015) highlighted that in terms of extreme events and disasters, a total of 50,720 fire incidents were recorded in 2015. This represents a 24.1 percent increase. With 2,296 instances, intentional set fire (good intentions) and electricity were among the fundamental causes of fire incidents in Malaysia. Other fire incidents in HEIs include a hostel fire at the International Islamic University of Malaysia (IIUM) in 2014, and a fire at the Dewan Tunku Canselor (DTC) of the Universiti Malaya