

**CENTRE OF STUDIES FOR BUILDING SURVEYING  
FACULTY OF ARCHITECTURE, PLANNING AND SURVEYING  
UNIVERSITI TEKNOLOGI MARA**

**ASSESSING FIRE EMERGENCY RESPONSE PROCEDURE (ERP) ON  
RESIDENTIAL COLLEGE IN UNIVERSITI TEKNOLOGI MARA SHAH  
ALAM**

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**“I hereby declare that this academic project is the result of my own research  
except for the quotation and summary which have been acknowledged”**

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In the name of Allah the Most Gracious and Most Merciful.

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

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## **ABSTRACT**

Fire Emergency Response Procedure is one of the important knowledge and information that required for all occupants to have if they are staying in a building. In a building, the percentage to having a emergencies cases is high if we referred to cases before. The management, fire brigade and also the occupants itself needs to have responsibility in order to against real fire situation. This study aim is to make a survey on Fire Emergency Response Procedure (ERP) on residential college in UiTM Shah Alam. With this aim, we can find the actual level of knowledge of the students towards Fire ERP that might be used in real fire situation if it is happens in their residential college.

In this research, the researcher are going to identify the fire emergency response procedure (ERP) in residential college in UiTM Shah Alam. The researcher also tend to study on students awareness towards fire emergency response procedure (ERP)requirements at their residential college. After done with both objective required above, the researcher will recommend the action that should be taken in increasing the students awareness towards fire emergency response procedure (ERP).

The case study we have chosen is residential college such as Delima, Teratai and also Perindu. 60 questionnaires have been distributed to the students staying in the residential college. The result were then be analyzed as concluded in chapter four and chapter five.

## **CHAPTER 1**

### **INTRODUCTION**

#### **1.1 BACKGROUND OF STUDY**

Emergency response procedure as known as life safety education, awareness initiatives and lifesaving tools available on a broad basis to communities and campuses. The primary goal is to reduce all the fire fatalities and fire losses. According to Nan Li (2013) the ability to locate people quickly and accurately in buildings is critical to the success of building fire emergency response operations, and can potentially contribute to the reduction of various building fire-caused casualties and injuries.

The types of emergencies to plan for may include fire, explosion, medical emergency, rescues, and incidents with hazardous chemicals, bomb threats, armed confrontations and natural disasters. According to (Daniela,2012) , emotional distress during fire situations and other emergencies has been found to be an important factor in predicting post traumatic stress symptoms.

The words or question as best ways to described this problem are does the workplace have appropriate fire protection equipment? According to Nan Li (2013) this issue significantly increases the difficulty for on-site decision making, calling for a well-developed situational awareness, lack of situational awareness resulting from poor gathering, filtering and understanding of time-dependent information may complicate emergency situations and lead to secondary casualties and property losses

It is important to enhance the fire safety knowledge of the students. So the researcher can avoid problem and fatality in the future by the lacked of knowledge on Emergency Response Procedure especially response on fire. In this research paper the