

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

**A STUDY ON FIRE EVACUATION AWARENESS AT UNIVERSITI
TEKNOLOGI MARA (UITM)**

**NORSHAFIQAH ELINA BINTI MOHD MUSTAFA
(2012702541)**

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ABSTRACT

This thesis is about fire evacuation awareness at Universiti Teknologi MARA (UiTM). In this study, there are three campus of Universiti Teknologi MARA (UiTM) which from branch Shah Alam, Selangor, Puncak Alam, Selangor and Seri Iskandar, Perak. Respondents from the 3 branch of Universiti Teknologi MARA (UiTM) are the key to succeed this study where the questionnaire are distributed to the staff and students who are occupied in that building, and there has an interview session between the author and the person who is in charge in this studies. The issues that are arise in the Campus of Universiti Teknologi MARA (UiTM) branch Shah Alam, Selangor is there are no assembly point because this campus are crowded with buildings. Because of the issues, it brings to the making of this study. The author decided to study about the fire evacuation on the campus with different situation, which are the old campus are longer, new campus, and small capacity campus. This study was conducted to study about fire evacuation system in all the different campuses. Not all the campuses are using the same system. They used conventional system, full addressable system and semi addressable system. By studying the system, the author know what are the problems on the buildings that the fire drill are not conducted for their building occupants. Fire drill is important to increase the level of awareness of building occupants. The study also highlight suggestions from the Facility Department to improve their current system, as well as suggestions from the respondents to improve their self-awareness.

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CHAPTER 1

INTRODUCTION

1.1 INTRODUCTION

This study is focused on the awareness of Fire Evacuation that influences fire safety at higher education institution. Fire can lead people loss their family members, relatives, friends or anyone or maybe their own lives if their behavior is not aware and not even take any action to know about the fire safety. When fire occurs, a lot of damages will happen such as their properties and the saddest part is when the fire is the reason people loss their life. This problem is the important and become urgent which is they should instill behavior of awareness to users on the buildings. This is because the aims of the fire protection policy are to prevent the fires. These policies are to prevent the injuries, loss of life, or the damages to the property. However, it is based on the fire prevention applicable applied on the building (McGill, 2014).

Definition of awareness could be referring to the public knowledge or understanding people about the social or other matters. In the spiritual sense, awareness is harder to describe by the intellect because it include of knowledge and a lot more. It is also can define the different matters, which is depends on how people aware towards that things (Ghosain, 2010). In this situation, people who has the manners about firefighting, they will alert about fire safety even though only little things.

Normally the definition of fire safety can be found on the introduction section of the building code and other fire safety legislation which is it stated the goals and the aims are the defined to fire safety. For example is fire prevention, fire control, occupant protection and so henceforward that can be found in the same way as describe above (Rasbash, et. Al. 2004). Other than that, the application by a manager of policy, standards, tools, information and practices to the task of analyzing, evaluating and controlling safety can be defined as a fire safety management (Howarth, 1999).

To provide safe means of escape for occupant on the buildings should take some point to ensure the preparation of means of escape can lead to a safe means of