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**THE KNOWLEDGE, ATTITUDE AND PERCEPTION OF
UNDERGRADUATE STUDENTS TOWARDS
SUSTAINABLE CONSTRUCTION**

Final project submitted in partial fulfilment
Of the requirement for the award of
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DECLARATION

"I declare that this Final Project/dissertation is the result of my own research and that all sources are acknowledged in the references."

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ABSTRACT

The construction industry in Malaysia is still using the traditional construction method in small to large or mega construction projects. Malaysia is still not adapting to the new method of sustainable construction. All in all, sustainable construction requires undertaking sustainable development standards to the building industry. Sustainable construction covers many aspects, including the social elements which are not focused on the health and safety issues, stakeholders engagements, workplace equity and diversity, initiate job probabilities. This research aims to determine the knowledge, attitude, and perception of undergraduate students towards sustainable construction. Some programmes do not offer sustainability or any sustainable related subject which will influence their understanding of knowledge, attitude, and perception towards sustainable construction. The method of this research is the quantitative method by distributing a questionnaire that is consist of four (4) section, which are demographic, knowledge, attitude, and perception about sustainable construction. The sampling method is stratified sampling which targets on construction-related final year student, and the total number of sampling is 294. The result that students without formal education in sustainable construction showing the same level of knowledge, attitude, and perception with the student with formal education in sustainable construction. Sustainable education is essential to increase the level of knowledge, attitude, and perception towards sustainable construction.

Keywords: attitude, construction, knowledge, perception, sustainable, undergraduate,

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CHAPTER 1

INTRODUCTION

1.0 INTRODUCTION

This chapter will discuss the overview of the study. Besides that, the chapter also discusses the problem statement, background of the study, aim, objective, scope of the study, research methodology of the study.

1.1 BACKGROUND

The construction industry is enormous and works such as renovation and maintenance are part of the construction industry. The construction is from subsector economic, which support other economic activities such as agriculture and contribute to the economy of the country (MD Tahir, et al., 2009). Constructions divided into two (2), public and private construction which bring the same function such as provide shelter, investment and to achieve corporate goals (Jaapar, et al., 2009)

Sustainability in the construction industry is the modern method of construction which is concern about impact and pollution towards the environment and to preserve the ecosystem by using the sustainable concept, the construction industry and reduce negative impact toward environmental protection. The philosophy of sustainability in the architecture and construction industries aims at reducing the use