

**UNIVERSITI TEKNOLOGI MARA
PERAK BRANCH**

**PRECAST ECO WALL WITH
SOUND INSULATION**

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Innovation project report submitted in partial fulfilment of the
requirements for the degree of
Bachelor of Science (Hons.) Building Construction Technology

Faculty of Architecture, Planning & Surveying

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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.

In the event that my innovation project report, be found to violate the conditions mentioned above, I voluntarily waive the right of conferment of my degree and agree be subjected to the disciplinary rules and regulations of Universiti Teknologi MARA.

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CHAPTER 1: INTRODUCTION

1.1 Background of study

As of recent, the idea of a "green campus" has emerged as a topic of discussion due to the fact that educational institutions are regarded as "energy gluttons." This study provides a comprehensive explanation of the meaning of the term "home green campus," as well as an investigation into the functioning system of green campuses and the connotations that are associated with them. The ideas of sustainable development have been discussed at length across a number of stages, and as a direct result of this, it is now widely regarded as a heritage concept among the most influential international institutions. The physical structure of the organisation is considered to be "one of its most significant assets" (HEFCE, 2000,). The land and buildings that belong to educational institutions is typically considered to be their most valuable asset (Abdullah et al. 2012). It is a common observation that the buildings of higher education institutions "are becoming an underutilised asset (Shabha 2004). The first sustainable structure on the UiTM Perak campus is depicted in the figure below.



Figure 1.1 shows the first green building in campus UiTM Perak.
Sources: facebook – Green Campus UiTM Perak