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SUSTAINABLE CAMPUS DESIGN:

IMPLEMENTING INTERACTIVE LINKAGES FOR A VIBRANT CAMPUS COMMUNITY AT UiTM SELANGOR, PUNCAK ALAM CAMPUS

This academic project is submitted in partial fulfilment of the requirement for the
Bachelor of Landscape Architecture (Hons.)

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ABSTRACT

This study is a guide and policy for sustainable campus design at UiTM Selangor, Puncak Alam Campus. It reflects the vision and mission of a vibrant community in the campus to achieve the future sustainability and green campus that refer to the comfortable air, clean water and beautiful landscape. Implementation of the sustainable campus design is aimed at improving the effectiveness of energy consumption, conserving natural resources and improving the quality of the environment. Currently, the physical, social and environmental issues are slightly disturbing a vibrant campus community. Therefore, these problems need to be addressed to ensure the sustainability offered programs of study and development of knowledge among student meet the current demands without prejudice as well as future generation's opportunity for enjoying the balance of the environment and the wellbeing of the campus. So that, two reference cases such as Taylor's University Lakeside Campus, Malaysia and University Campus Park in Umea, Sweden be a guide for the author to solve the issues. Through recommended design strategies, design principles, and comprehensive master plan, it is aimed to implement interactive linkages for a vibrant community at UiTM Selangor, Puncak Alam Campus.

Keywords: *Sustainable Campus Design, Green Campus, Vibrant Community, Interactive Linkages*

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TABLE OF CONTENT

CONTENT	PAGE
Abstract	i
Acknowledgement	ii
Table Of Content	iii-ix
List Of Tables	x
List Of Diagram	x
List Of Illustrations	x-xiv
List Of Figures	xiv-xviii
List Of Plans	xviii-xx
CHAPTER 01: INTRODUCTION TO TOPIC	
1.1 Topic Introduction	1
1.1.1 Definition of University	1
1.1.2 Evolution of University in Malaysia	2
1.1.3 Introduction of Universiti Teknologi Mara (UiTM)	3
1.1.4 Introduction of UiTM Selangor Puncak Alam Campus	4
1.2 Prevalent Issues	4
1.3 Problem Statement	5
1.3.1 Physical Issues	5
1.3.2 Social Issues	6
1.3.3 Environmental Issues	6
1.4 Aim and Objectives	6
1.4.1 Aim	6
1.4.2 Objectives	6

CHAPTER 1: INTRODUCTION TO TOPIC

1.1 TOPIC INTRODUCTION

Education is a standout amongst the most critical factors that means the advance and thriving of a country. The social, cultural, literary and recreational activities have basically turned into the part of education. The University is the preeminent institute on that gives the highest order of education to its understudies and the sacred responsibility, of making them educated, lies on the solder of the instructors of the university. Every person carries the seed of creativity from their birth and it blooms with the help of the surrounding environment and proper education.

1.1.1 Definition of University

Pettigrew. T, (2011) stated the university is interpreted as a place of learning that is provided for the public to gain knowledge and have a certain phases by the level of maturity of the human age itself to receive the knowledge given. They are trained and taught about a potential study to offer innovative and creative solutions to the future global challenges through experience as well as research in the area of study.

Additionally, the university has the advantages and benefits to the public as having the power and the right to a knowledge of things in the world and having the objectives by offering various opportunities in the future such as improving the well-being of human and nature in both local and global scope. University in Latin means a place of study which is a higher education and research institution that has a level of hierarchy that distributes academic degree in various academic disciplines.

The university normally serves as a centre for providing postgraduate education and postgraduate education. In fact, previous universities have actually existed in Asia and Africa and this system is known as a modern university with roots in the mid-century Europe created in Italy and evolved from Christian Cathedral schools to pastors during the Middle- Ages.