

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

**AN INVESTIGATION ON THE OPERATION OF MECHANICAL CAR  
PARK SYSTEM IN KUALA LUMPUR**

**MOHD NORFIKRI BIN ROSDI  
(2011125357)**

**Academic Project submitted in partial fulfilment of the requirements  
for the degree of  
Bachelor of Building Surveying (Hons)  
Centre of Studies for Building Surveying  
Faculty of Architecture, Planning & Surveying**

**December 2013**

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

**AN INVESTIGATION ON THE OPERATION OF MECHANICAL CAR  
PARK SYSTEM IN KUALA LUMPUR**

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

**Student's Name : Mohd Norfikri Bin Rosdi**

**Signature : **

**UITM No. : 2011125357**

**Date : January 27<sup>th</sup> 2014**

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

**ACADEMIC PROJECT  
BSS 608 & BSS 658**

**CONFIRMATION OF ACADEMIC PROJECT AMENDMENTS**

**This is to confirm that the student has amended his/her  
academic project as directed and therefore allowed to compile**

Marks	Grade
71	B <sup>+</sup>

**Student's Name : MOHD NORFIKRI BIN ROSDI**

**UITM No. : 2011125357**

**Title : AN INVESTIGATION ON THE OPERATION  
OF MECHANICAL CAR PARK SYSTEM IN  
KUALA LUMPUR**

**Supervisor's Name : SR. ROHIMAH KHOIRIYAH BT MOHD  
ARIFIN**

**Signature :**

**Date : January 27<sup>th</sup> 2014**

## **ACKNOWLEDGEMENT**

First of all, I would like to thank to Allah for giving me strength to finishes this academic project as it is requirement for me to get the Bachelor of Building Surveying (Hons). The special thanked also to my supervisor, Sr. Rohimah Khoiriyah Bt Mohd Harahap for providing the valuable guidance and advice to complete this academic project. I also want to thanks to the parking management at the Menara Worldwide and Persada Putra for giving corporation. Last but not least, I would like to dedicate my sincere appreciation to my valuable family for giving me their moral support.

Danke.

## **ABSTRACT**

The central business district of Kuala Lumpur experiences the highest level of traffic congestion in Malaysia. This is due to the insufficient parking space for the car owner. Therefore the implementation of Mechanical car park system that able to provide more parking space should be the solution to overcome the problem. This paper presents a study on an investigation on the operation of mechanical car park system in Kuala Lumpur. The aims of the study are to evaluate the present operational activities of mechanical car park system in the Kuala Lumpur and to recommend improvements on the activity. The data collection is made base on the distribution of questionnaire at the case study that been conducted. From the study that been done, it shown that the implement able to overcome the insufficient parking space in the building.