



DEPARTMENT OF BUILDING SURVEYING  
FACULTY OF ARCHITECTURE, PLANNING AND SURVEYING  
UNIVERSITI TEKNOLOGI MARA  
CAWANGAN PERAK  
KAMPUS SERI ISKANDAR

**INTERGRATED FINAL PROJECT (BSR330)**

**CASE STUDY:**

**MENARA 2, KOMPLEKS KEJURUTERAAN,  
UITM SHAH ALAM**

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**DIPLOMA IN BUILDING SURVEYING**

**SEMESTER  
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**Department of Building Surveying**  
**Faculty of Architecture, Planning & Surveying**  
**Universiti Teknologi MARA**  
**Cawangan Perak**  
**Kampus Seri Iskandar**

**INTEGRATED FINAL PROJECT**  
**(BSR330)**

I am hereby pronounced this

Integrated Final Project Report is fully recommended for  
revision purpose as the originality and its prospect is being  
accredited by the departments through my supervision.

Supervised by:

SR MOHD ZAKI SHAMSUDIN

.....  
(March 2017)

## **ACKNOWLEDGEMENT**

Bismillahirrahmanirrahim,

Alhamdulillah, with Allah's will we managed to finish our Integrated Final Project. We had try our best to complete the assignment. First of all, we would like to extend our deepest gratitude to everyone who have directly and indirectly guided us while we were doing this project. We want to express our deepest gratitude to our supervisor, Sr Mohd Zaki Shamsudin for supervising us and guiding us throughout the project. Sr Mohd Nurfaisal Baharuddin for teaching us and give us input in finishing the project.

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## **ABSTRACT**

The purpose of the Integrated Final Project is to enable students to apply what they have learnt from the Semester 1 to Semester 5. It was important for the students to carry out this project to produce the Final Project Report to meet the requirement of this subject. By doing this project, we are obligated to know overall information of our case study from the substructure until the superstructure.

We have chosen Tower 2, Faculty of Electrical Engineering, UiTM Shah Alam as our case study for the Integrated Final Project. The building is an institutional building in a university located at UiTM Main Campus which is in Shah Alam, Selangor. The institute can be access directly from Federal Highwal and NKVE from the city centre while through Guthrie Highway from the Utara-Selatan Highway.

FKE Tower 2 was constructed in 2005 and the year of completion in 2007. The design characteristics are based on their shape, material, and orientation of the building. The shape of this building is C – Curve shape. The gross floor area of tee building is approximately around 17,781.50 m<sup>2</sup>. The building is mainly used of education purpose, with lecture rooms, computer labs, seminar room, and lecturers room.

As the conclusion, completing this Integrated Final Project we have gained more output and knowledge regarding the maintenance work, building design, financial analysis and legal aspect. We are thankful due to this project we get to gain experience on site and how to handle the whole project to produce a report. We hope that our hardwork in producing the report will satisfy the requirement needed for the subject and we get to deliver the best of it.