

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

**POST OCCUPANCY EVALUATION ON OCCUPANT
COMFORT IN UNIVERSITI TEKNOLOGI MARA (UiTM)
PUNCAK ALAM CAMPUS**

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(2009184411)**

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


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

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Date : JULY 2012

ABSTRACT

Post Occupancy Evaluation (POE) is a diagnostic tool and system which allows facility managers to identify and evaluate critical aspects of building performance systematically. This system has been applied to identify problem areas in existing buildings, to test new building prototypes and to develop design guidance and criteria for future facilities. The low quality performance of the building may constitute to reduce occupant's efficiency and work productivity. From this situation, majority buildings space at university used air-conditioning and mechanical ventilation systems to give occupants in good comfortable range. Largest student's intake in every semester incorporates issues in term of cleanliness, noise and space. Therefore, POE is a prominent tool that able to indicate satisfaction and comfort level needs by building occupants as lessons learned to identify problems in the building. Realizing the importance of POE can be able to indicate satisfaction and comfort level needs by building occupants, this dissertation which titled "Post Occupancy Evaluation on Occupant Comfort in Universiti Teknologi MARA (UiTM) Puncak Alam Campus" is documented. Main objectives of this research are to identify factors of evaluation of POE in terms of environmental aspects, to evaluate occupant's comfort/satisfaction and perception level in faculty of UiTM Puncak Alam campus and to suggest and recommend ways to improve the performance of the building. In order to clearly understand on this study, detailed literature review on POE, Thermal comfort condition, lighting and sound are discussed before detailed discussions on case studies made. The method of research will be gathered by questionnaire, visual observation on site, scientific approach and from secondary data, book, journals, e-

books and related website. The main findings is the noise and vibrate was interrupted the case study which is Faculty of Pharmacy and Faculty of Health Science. And another finding is the vertical transportation problem for building of Faculty of Office Management and Technology. The recommendations was the last chapter of this dissertation, the recommendation are made to use a appropriate designs of windows, air weels, self shading approach and maximum use of natural lighting and improve the cleanliness in the building by using self service agreement between client (UiTM) and the contractor.

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Thank You.