

**Defining an Enhanced Architectural Design Studio-ICTs Integration Learning Environment in Architecture Schools in Malaysian Public Universities.**

*By: Roslina Sharif*

*Matriks No: PB053008(PhD Program)*

*Supervisor: Assoc. Prof. Dr Mohd Rashid Embi*

**ABSTRACT**

This paper describes the early part of my thesis titled “The Integration of Information and Communication Technologies (ICTs) in the teaching and learning of Architectural Design Studio (ADS) in Malaysian Public Universities (IPTAs)”. In determining the students’ perception of the traditional studio teaching and the current applications of ICTs in ADS in IPTAs, a survey has been conducted at the schools that offer Architectural Degree Programmes. The respondents were randomly chosen from the various years and semesters of study. It is discovered that architectural students are fairly satisfied with the current pedagogical method used in the ADS. However, there are a few issues of concern. Firstly, majority of the students found that the studio pace is too fast. Secondly, a large number of respondents said that they need more time to communicate, discuss and reflect on their work with their lecturers and peers outside the formal studio hours. Thirdly, the students lamented on their confusion by the explanations given by lecturers on their work. Finally, a large number of students are in agreement of the benefits of using the ICTs, especially the internet facilities in their architectural design studio and wish to be able to incorporate them in their learning. The result of this survey leads me to the second part of my research that is to develop a learning environment that utilizes and integrates the ICTs functionalities in the ADS. The enhanced architectural design studio-ICTs integration learning environment will address and attempt to resolve the issues that were discovered above and become a profound supplementary to the existing traditional studio.