

ABSTRACT

Utilization of ICT has now penetrated various sectors, one of which is the education sector. The main purpose of the use of ICT is to support the improvement of effectiveness and efficiency of learning activities that impact on achievement. Implementation of ICT in education also requires a considerable cost. However, in practice there are still many problems that occur in the application of ICT both technical and non-technical issues, Information technology in University of Pakuan has not been well defined and has not been measured in maturity level. Development of new Information System is only applied in Faculty of Mathematics and Natural Sciences as for the other faculty still done manually in terms of data processing. Therefore it is necessary to measure individual performance based on the suitability of information technology.

This research will analyze individual performance using TTF model at private university in Bogor with SEM-PLS with task mobility variable, task feed back, system reliability, system accesibility, system quality, trust, self efficacy, reputation, Perceived critical mass, task technology fit, habitual use, and individual performance.

Data collection methods were conducted through the distribution of questionnaires to 89 lecturers at four private universities in the Bogor area ie Pakuan University, Djuanda University, Ibn 'Khaldun University, and Djuanda University. Data processing is done by using SmartPLS 3.0.

Based on the results of data processing can be seen that task mobility has a negative effect and not significant to the task technology fit. Task feedback, system reliability, and system accesibility have a positive and significant effect on the task of technology fit while system quality has positive but not significant effect on technology fit task. Trust and self efficacy have positive and significant effect on habitual use, Perceived critical mass has positive but not significant effect on habitual use, reputation has negative and insignificant effect on habitual use, task fit technology has positive and significant effect on habitual use, task technology fit and habitual Use has a positive and significant effect on individual performance.

Based on the results of research universities in the Bogor region need to improve quality, suitability of functions and duties on information systems technology, training its use, and maintain consistency for individual ICT performance by lecturers.

Keywords: Task Technology Fit, Habitual Use, Individual Performance, SEM-PLS