

ABSTRACT

While the technology growth, focus on information and communication technologies (ICT) and its integration to user privacy or professional use, the acceptance or ignorance decision to its technology still an open question. In Telkom University, engineering faculties are two year longer using the igracias system than the others faculties. This paper purpose is to assess user acceptance level of academic information system (igracias) in Telkom University.

Operational management is the main concept and the basic theory in creating or developing the added value in academic information system usage in Telkom University. The concept of technology acceptance model (TAM) and its development became the research framework that can assess the igracias system acceptance. As the TAM perceived constructs, perceived ease of use (PEOU) and perceived usefulness (PU) are able to mediate the user system experience (EXP) to information system usage (ISU).

As a mandatory usage, students are chosen as the respondent of data collection. With using structural equation modeling (SEM), this paper want to know each variables relationship, exactly how EXP influencing the ISU directly and indirectly. Data collection use proportioned cluster sampling from student in Telkom University, with amount of sample are 391 people.

The data tabulation states that the majority of users are already using the igracias system for two years and the Electro Engineering Faculty (FTE) is the biggest number of igracias users in this research. With SEM, both TAM perceived constructs (PU and PEOU) are tested and able to mediate the EXP on ISU. The structural equation that produced by SEM states that simultaneously with 81.5% on R^2 , ISU is influenced by 0.142 of PEOU (with 4,864 on t-value), 0.808 of PU (with 20.784 on t-value), and 0.0202 of EXP (with 3.324 on t-value).

Overall, the paper result shows that igracias system has been well accepted by user. Perceived usefulness (PU) has dominated affect on igracias system acceptance. Simultaneously, both perceived constructs (PU and PEOU) from technology acceptance model (TAM) are good enough in mediating the user system experience on the igracias information system usage in Telkom University.

Keywords : Academic Information System, Extended Technology Acceptance Model (TAM), Structural Equation Modeling (SEM).