

Investigating the Moderating Effect of Demographic Variables on ICT Usage and Learning Process Quality of Higher Education in Medan, Indonesia

Absract

ICT and education seem inseparable. To improving the quality of learning process, ICT become the medium to assist the lecturer to transfer the knowledge to the students with more interactive. The study examined the moderator effects of demographic variables to influencing the usage of ICT towards learning process. A total of 260 respondents were selected from 733 of lecturers in three largest private universities in Medan, Indonesia. Data were collected through a survey among the participants manually. The research employs the Pearson Correlation to determine the relationship between variables and to test the hypothesis, the study uses the Simple Linear Regression and Hierarchical Regression. Result reveals that gender and educational level have no significant moderation. In contrast, teaching experiences, age, and department origin yet significant and positively as the moderator. Moreover, ICT usage is significant to impacting learning process.