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Effect of perceived ease of use on librarians' e-skills: Basis for library technology acceptance intention

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Highlights

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e-Skills independently facilitated librarians' intention towards library technology acceptance.

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Perceived ease of use (PEOU) and e-Skills are positively and significantly correlated toward library technology acceptance intention.

- PEOU is a significant moderator of e-Skills vis-à-vis library technology acceptance intention.

- e-Skills is a stronger factor of technology acceptance intention among than PEOU.

Abstract

Despite the widespread application of technology in the 21st century, making informed decisions regarding its acceptance in organisations is a function of several factors, particularly in developing countries, due to factors such as rising cost of the information technology infrastructure and low technological exposure. A model that incorporated perceived ease of use (PEOU) and e-Skills to examine librarians' intention for actual library technology acceptance was tested. The correlational research design, along with a multistage sampling procedure, was applied to select samples to reduce the sample to a manageable proportion. Professional librarians and library officers in four university libraries provided the data for the study. Results showed that e-Skill is the model's strongest determinant of technology acceptance intention among librarians. Also, PEOU will significantly moderate librarians' intention towards library technology acceptance when e-Skills are insufficient. From these outcomes, the understanding of the determinants of behavioural intention captured in the Technology Acceptance Model (TAM) and the Unified Theory of Acceptance and Use of Technology (UTAT) is extended and refined.

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