



The Role of Perceived Usefulness and Ease of Use in Sri Lankan Undergraduates' E-Learning Adoption

Ansardeen, S^a , Umanakenan, R^b Kajenthiran, K^c Achchuthan, S^d
Natkunarajah^e Umakanth, N^f and Kajanathan, R^g

Abstract

This study aims to explore the factors influencing the intention of Sri Lankan state university undergraduates to use e-learning. By employing the widely accepted Technology Acceptance Model and incorporating knowledge acquisition and sharing to assess e-learning adoption, we have gathered 410 valid responses from university students across Sri Lanka. The proposed research model was tested via PLS-SEM, a variance-based statistical approach. The results indicated that knowledge sharing, perceived usefulness, and perceived ease of use significantly impact students' behavioural intention to adopt e-learning systems and their actual usage. Additionally, the findings showed that knowledge acquisition and sharing positively influence perceived usefulness and ease of use. These insights have practical implications as they can aid policymakers and educators in designing and implementing e-learning systems that are more likely to be adopted by students.

Keywords: E-learning adoption, Knowledge Acquisition, Knowledge sharing, TAM Model, Actual System Use.

^{abdef} Department of Commerce, Faculty of Management Studies and Commerce,
University of Jaffna, Sri Lanka. umana@univ.jfn.ac.lk

^g Department of Marketing, Faculty of Management Studies and Commerce,
University of Jaffna, Sri Lanka.