Factors Affecting Students' Usage of Learning Management System:Reference to Rajarata University of Sri Lanka

H.E.S.M. Wickramarathne[1,*] and G.P.H. Kandambi[2]

[1,2] *Department of Information Systems, Faculty of Management Studies, Rajarata University of Sri Lanka,Mihintale, Sri Lanka*

[*]Corresponding author: sumeda9696@gmail.com

Abstract

Learning Management System (LMS) is a result of the development of Information Communication Technology. This system is mostly used by academic staff and undergraduates for their remote teaching and learning processes. It was identified that the usage of the LMS is at the minimum level. Usage of LMS can be affected by several factors. The objective of this study was to find factors that affect on usage of the LMS. Organizational factors, technical factors, social factors, competency, perceived ease of use and perceived usefulness were found through literature and treated as independent variables. Usage of LMS was the dependent variable. The population of the study was allthe undergraduates of all the faculties of the university and the sample size was 364 undergraduates representing all the faculties. The sample size was selected according to the Morgon table technique and a sample was selected by using a simple random sampling technique, includes 61 students from one faculty. A structured questionnaire was administered and collected data were analyzed with SPSS software and descriptive, correlation and regression analyses were executed. Results of regression analysis reveal competence, perceived usefulness and technological factors make an influence on the LMS usage while results of correlation analysis show competence, perceived usefulness, technological factors, perceived ease of use, social factors and organizational factors have a positive relationship with the LMS Usage. University can facilitate by introducing new technologies. Academic staff can train students by improving student's computer skills. The study gives important hints for undergraduates and administrators in the universitiesto make arrangements to increase the usage of LMS.

Keywords: Competence, organizational factors, perceived ease of use, perceived usefulness, technological factors