

Determinants of E-Learning Adoption Amid Covid-19: Evidence from A Ghanaian University

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Abstract

The demand for the integration of technology in higher education has reached a new height following the outbreak of the COVID-19 pandemic. Institutions of higher learning such as the University of Education, Winneba have been forced to unleash its educational infrastructure for pedagogical purposes. It however appears that there is a dearth of knowledge regarding the determinants of the students' adoption of the University of Education, Winneba's Learning Management Systems (LMS). This study, therefore, assessed the determinants of e-learning adoption in an era of covid-19 from the perspective of students in UEW. The explanatory sequential design was employed. The study randomly sampled 3272 students for quantitative data whilst 20 students were sampled purposively for the qualitative data. The quantitative data was analysed through Means and Standard Deviations as well as Stepwise Regression. The qualitative data was, however, analysed thematically. The study found that the level of adoption of the LMS among UEW students was moderate. The study further established that Perceived Usefulness, Perceived Ease of Use and Attitude towards the LMS were significant predictors of students' adoption of the LMS. The study further revealed that gender has a moderating effect on the student's intention to use the LMS; however, the gender of the students does not moderate any of the factors. The study recommends that the Management of UEW LMS continue to conduct seminars and workshops to educate students about the use of the LMS and the benefits they stand to gain in using the LMS for their academic activities. Again, management needs to consider the gender of the students in the implementation of subsequent online platforms for students.

Keywords: - Covid-19, UEW, LMS, E-learning