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| Title | A Study On Lab Class Delivery with E-Learning Systems Improvements and Familiarity Among Gender During COVID-19 |
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| Abstract |
| COVID-19 pandemic has changed the way we interact, purchase, socialize, transact, work and also learn. Higher education sector has resort to electronic learning (e-learning) to substitute the traditional face-to-face class delivery. The substitution is inevitable and crucial to ensure smooth continuation of students’ education. As a result, campus can resume operations at distance and help stand the survival of the institution. Considering the new approach which need to be adapted, the process of teaching and learning have never been the same for both the instructors and students. The e-learning systems utilized by institution should offer fundamental features and provide necessary functions for virtual lab class delivery. This aspect is considerably important to ensure lab lesson deliver virtually is effective and student’s orientation is adequate. The aim of this study is to examine the association between lab class delivery with e-learning systems improvement. Additionally, association between gender and familiarity with e-learning systems was also assessed. The study population are students studying in higher education institutions at undergraduate and postgraduate levels. The undergraduate and postgraduate students were randomly sampled from local institutions in Malaysia as well as institutions located in several other countries. This is a quantitative study and self-administered questionnaires were used to collect information from a final sample of 293 students. MS Excel application was used as the tool to develop the quantitative analysis. The results suggested that no significant association between lab class delivery with e-learning systems improvement and both male and female students seem acquainted with the e-learning systems. This study offers additional basic understanding for institutions on the suitability of e-learning systems for virtual lab class delivery and familiarity on the e-learning systems as viewed by students from both gender.  Sustainable Development Goal(s) (SDG) |
| Example: Goal 9: Industry, Innovation and Infrastructure |