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Comprehensive ICT framework for educational institutes of Kuwait : An empirical study (Conference Paper)

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Abstract

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The world has been changed by Information and Communication Technology (ICT), and many factors including new opportunities, fast-growing business, technological changes, and challenges have forced every part of the world to produce self-regulating and pre-found skilled oriented individuals. Driven by this compulsion the education institutions (EI) around the globe are integrating ICT tools and utilizing the latest technologies in order to provide quality education to their citizens. In this regard Ministry of Education (MOE) Kuwait has launched many plans and invested a lot in the implementation of technology in EIs. EIs mainly consists of Universities. While there is no comprehensive study in order to assess the adoption of ICT in the universities by all instructors and students of Kuwait as well as no empirical study have been conducted on the overall effectiveness of ICT in the EI (s). The effectiveness of any new technology depends upon acceptance and proper utilization of technology by all stakeholders. Subsequently realizing the importance of ICT availability and success in all parts of society, this research is aimed to understand, investigate, explore, and assess the ICT adoption in the universities of Kuwait. Meanwhile in order to assess the adoption and utilization of ICT by students and academicians in their daily work, the Unified Theory of Acceptance and Use of Technology (UTAUT) will be applied to measure the ICT acceptances by students and academicians. This study also aims to find out the factors and issues in order to create a model for better utilization of ICT by stakeholders in EI. The impact of this study will be on EI (s) to improve the quality of education system through effective utilization of ICT and improve the capability of students and academicians to be more effective and quality-oriented individuals. © 2019 IEEE.

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