Abstract

Higher education institutions have continued to acquire technologies with alacrity. However, the transition from adoption to application in teaching and learning has been below expectations. This exploratory study investigated the lack of cadence between adoption and effective implementation of educational technology initiatives. The study was based on PHEA-ETI projects that ran between June 2008 and June 2012. The projects entailed implementation of technology initiatives for example animating science content among others. A questionnaire was sent to all persons involved in the implementation of the projects. Out of the 163 targeted respondents, 105 usable responses were received. Team leaders were interviewed with focus groups held with implementation teams. The study adopted: top management, financial motivation, organizational culture. The new model added the variables: team leadership, monitoring and evaluation and innovation efficacy. When the data was analysed using SPSS version 17, the results confirmed determinants from earlier studies while also showing that team leadership and project efficacy were significant factors to consider in technology innovation implementation.