

Effects of Collaborative Learning Blended Knowledge Management E-learning Approach on Students' Motivation in Higher Education

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Abstract

Researches on the success of the integration between educational technology and pedagogy approach are widely studied in the past. Therefore, implementing pedagogy with innovation and new technology would create the tempting learning environment. However, the impact of these factors on learners' motivation is nevertheless to be explored. During this study, factors of collaborative learning and e-learning were chosen as important learning approaches of acquiring and constructing knowledge. Consequently, this study investigates the impact of the proposed collaborative e-learning on the motivation of second-year students. The students were divided into an experimental group (n=25) and control group (n=25). The students in both groups will start with taking a pre-test to measure their prior-knowledge of system analysis and design, followed by a questionnaire about their computer profile. The students in the control group participated in a conventional learning support system, whereas those in the experimental group learned with the suggested system. After finishing the learning activities, the students were evaluated their learning achievement followed by a perception questionnaire about learning support system. The results of the experiment showed that collaborative e-learning effectively increased the students' learning achievement and promoted positive perception toward the system. Besides, the integration of collaborative learning and e-learning approach can improve students' learning motivation.

Keywords

Collaborative learning, E-learning, Learning motivation, Knowledge management

Biography / Biographies

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