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Blended Learning during Pandemic Through Knowledge Management: An Analytical Study

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Abstract

Blended Learning (BL) essentially fuses high-tech digital learning with traditional ones to involve students in "network learning", which helps in transcending physical boundaries. Especially during the ongoing COVID-19 pandemic, BL has been embraced as a realistic possibility to ensure seamless knowledge distribution regardless of time and space. Knowledge Management (KM)-based approaches are typically used to collect, coordinate, and control processes that may be utilised efficiently to both recognise and address customer needs. This study aims to explain how to apply KM techniques within the BL environment to increase educational excellence and quality. We used a quantitative approach, specifically by adopting an online questionnaire circulated to about 272 undergraduate students, primarily from the Department of Information Science and Library Management (ISLM) of the University of Dhaka, Bangladesh. We received completed answers from 74 students; the data gathered were analysed using Statistical Package for the Social Sciences (SPSS) version 20. The findings reveal that KM can be used with BL, especially during crisis times like the one we have today, as it includes integrated tasks and online and e-learning. Finally, the study also proposed an intuitive model for applying BL through KM. Importantly, this study seems to be among the first to examine the students' perceptions about BL and KM integration during a pandemic. Therefore, this research would possibly prompt further research on different aspects of the combined learning process at different universities, especially within Bangladesh. © 2022 World Scientific Publishing Co.

Author Keywords

Bangladesh; BL; COVID-19; higher education; KM; knowledge sharing; pandemic situations

Index Keywords

E-learning, Education computing, Learning systems, Students; Analytical studies, Bangladesh, Blended learning, COVID-19, Digital-learning, High educations, High tech, In networks, Knowledge-sharing, Pandemic situation; Knowledge management

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