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The Need of Integrating Digital Education in Higher Education: Challenges and Opportunities

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Abstract

Although it existed in a few different forms earlier, digital education is essentially a modern invention. It is the digitalization of a segment of the educational system. This article attempts to offer insightful thoughts on the future potential and difficulties of information and communication technology (ICT) and digital education as they relate to adopting the most recent technological advancements in the digital era and extensive online open courses. With the development of internet technology, we have observed a significant shift in how we communicate and collaborate among academics. The digital revolution encouraged unrestricted access to information on a global scale. Todays classrooms are equipped with a wealth of ICT tools, and almost all instructors have made significant progress in integrating digital technology to improve students access to information and cooperative learning opportunities. The higher education system must seek to utilize the power of ICT to be competitive and provide high-quality education as a consequence of digital transformation, disruptive technological innovations, and accelerated change. To accomplish these ambitions, this paper describes some challenges that higher education encounters, as well as technological resources and methodologies they have used in the current scenario to transform higher education to adopt digital transformation. The paper aims to synthesize considerable insights that can be applied to the digitalization of higher education in the current and near future.

Keywords: digital education, higher education, information and communication technologies, digital transformat

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