

The Role of Artificial Intelligence and Transformation in Higher Education

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The future and progress of higher education is significantly coupled with the development of new technologies, including artificial intelligence. Artificial intelligence has a significant impact on the lives of citizens of the 21st century and is introduced as a tool that can be used to improve and progress all areas of human life. With the development of information and communication technology, higher education has been heavily influenced by artificial intelligence. Currently, in some higher education centers of the world, artificial intelligence is used in fields such as mathematics, medicine, computer science, accounting, statistics and psychology. The present study, with the aim of the role of artificial intelligence and transformation in higher education, has been carried out by a review method with a systematic collection of studies. This article first deals with what artificial intelligence is and its effects on the economy, the labor market, and creation of changes and transformation in higher education. Then, it analyzes the achievements and applications of artificial intelligence on teaching and learning. The findings showed that artificial intelligence will not only have significant applications on teaching and learning, but also will assist students in matters such as student admission, personalization of course content, student evaluation, creating learning opportunities, increasing learning experiences, motivation, and the joy of learning. The article concludes that the future of higher education is intrinsically intertwined with the advancements of artificial technologies, and in the foreseeable future, a new and distinct identity and interpretation of the university and its teaching will be presented.

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