

عنوان مقاله:

Examining the role of information and communication technology in education

محل انتشار:

اولین کنگره بین المللی علوم، مهندسی و فن آوری های نو (سال: 1401)

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خلاصه مقاله:

Our era is the era of transition from the real world to the era of living in a two-world space. Although virtual institutions and organizations have not been formed yet, we feel the emergence of a new world called the virtual world around us. The present study is descriptive and analytical, and after examining the concepts, practical suggestions have been made by presenting the results. The current research method is descriptive and its data collection method is library. In this way, library sources such as books, articles, external sources, etc. and the researcher's learnings have been used. From the point of view of this research, constructivists believe that knowledge is not transferred to a person from the outside by emphasizing the learner's activity in the learning process, but what he receives through his senses, he interprets and processes based on his individuality. They consider the teacher's role as an instructor on the side of the field and facilitator of learning and emphasize on situational learning. Based on this theory, learning becomes more effective and efficient when the learner is discussed in the real context and context of the topic. It is concluded that learning increases significantly when it is related to the context of problem solving. Traditional training classes are not very effective because they depend on time and place. are special and cannot provide a real and appropriate context for learning. Printed texts also create problems due to their special limitations, which are nothing more than text, images and sketches. The most important goals of this approach are to create collaborative learning environments that allow learners and teachers to search and solve all kinds of problems. Review

کلمات کلیدی:

Information and communication technology, education, learning environments, training classes

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