

The role of E-learning in developing design courses in art colleges in light of emergency pandemics

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Abstract

In light of the increase in the number of newly established universities that provide advanced methods of learning and the appearance of virtual universities in addition to what has been witnessed in recent years of tremendous digital technology development, and the emergence of emergency environmental risks such as the Corona virus - covid 19, existing universities need to develop their capabilities to keep pace with the new educational systems. And, depending on that, the university teaching methods in general and the interior and architectural design in particular appear to need continuous development to take advantage of the successive developments in electronic communication and information technology to prepare a graduate who meets the requirements of local and international work to support future job opportunities for the graduate.

E-learning is a modern method of learning that employs modern communication mechanisms such as a computer, its networks, and multimedia such as sound and image, graphics and search mechanisms, electronic libraries, as well as Internet portals, to quickly access science and knowledge centers, and see what is new in a timely manner. Which supports the knowledge economy, which is a new branch of economic sciences based mainly on the communication revolution, which exceeds in its size, quality and effects what mankind has previously accomplished in terms of inventions, creations and innovations throughout its history.

To reach this objective, the research deals with the following points:

1. The impact of contemporary technologies on developing design courses in art colleges (digital technology - e-learning - infographic)
2. Presenting a future vision for developing the university curriculum using modern technologies in learning.

The research ends with a set of important and useful findings and recommendations with the use of modern technology methods of learning in Egypt, especially in the field of interior design and architecture, which contribute to achieving the knowledge economy pattern and the sustainable development.

Keywords

covid 19 , Digitalization , E-learning , Infographic , Knowledge Economy .