ELEKTRON TA'LIM TUSHUNCHASINING USLUBIY ASOSLARI

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ABSTRACT

This article reveals the methodological foundations of the concept of e-learning and presents the qualities and analysis of its development.

Keywords: Education, electronic, resources, QR code, students, teachers, databases, E-learning, concept, electronic pedagogy.

Application No. 1 of the decree of the president of the Republic of Uzbekistan No. 5847 of October 8, 2019 in the concept of development of the higher education system of the Republic of Uzbekistan until 2030, the implementation of the following issues is set out separately:

to accelerate the creation of national e-learning resources, organize the translation work of foreign e-learning resources, gradually increase the balance of electronic resources in the educational process, create e-learning literature, create a system for posting information about electronic resources using QR code in libraries in order to download them to mobile devices;

expanding the opportunities of students, teachers and young researchers to use e-learning resources, electronic catalogs and databases of modern scientific literature for free;

Globalization of social processes, the development of Information Technology, the transition to the "digital economy", international convergence and multidisciplinary cooperation, and, accordingly, changes in the labor market, make new demands on the state, society and everyone. It is being modernized in the direction of individualization, intellectualization of the educational system, focusing on the future requirements of the labor market, optimization by time parameters, reduction of material costs for Education, which is characterized as the effectiveness of the educational system, growth of education in general [1].

One of the promising areas for the development of the educational system is the transition from the traditional educational space (building, book, teacher, educational process) to the virtual educational space created using computer equipment and

software, as well as its creation on this basis. "E-learning (E-learning)" of the e-learning system".

Other definitions that define and develop the concept of e-learning are also given in the scientific literature. The organization of educational activities using information contained in e-learning or "E-learning" databases and used in the implementation of educational programs and information technologies, technical means that ensure their processing, as well as information and telecommunications networks that ensure the transmission of this information through communication lines, the interaction of students and teachers" [2].

General opinion of researchers about the role of the organization of e-learning (E-learning) A.A. Andreyev: "Pedagogy as an evolutionary science is reborn into electronic pedagogy (E-learning), maintaining the criteria and continuity inherent in scientific knowledge, and in this education the object of electronic pedagogy remains unchanged. Its subject is pedagogical processes taking place in an information and educational environment saturated with ICT" [3].

At the moment, we will have to understand technologies that, when it comes to the internet, nano and biotechnology, the Fourth Industrial Revolution or "Industry 4.0", which is based on the widespread use of artificial intelligence systems, represent the unification of the boundaries between the physical, electronic and biological spheres.

Leading economists argue that the Fourth Industrial Revolution brings us a whole range of natural disasters. As a result of this revolution, the speed of changing the economic foundations of human society is so high that a person does not have as much time as before to change his social position, professional activity, retraining and adaptation to changes in the labor market [4]. The globalization of social processes, the rapid change in information and communication infrastructure, international convergence and multidisciplinary cooperation have led to the fact that society makes new demands on the methods of acquisition and transmission of knowledge, the role of the individual in these processes. Modern educational processes are not carried out without the introduction of large-scale information resources into the educational process, the development of information processing and presentation skills [5].

Scientific research and applied pedagogical work in the field of organizing e-learning is aimed at the development of so-called educational platforms, completely bypassing the issues of methodology and didactics.

"Thus, innovative pedagogical research, which has been activated over the past five years, often does not give the desired result. Because it contradicts the laws of dialectics, it cannot be full-fledged if it is built on rubble or does not take into account

the old one correctly, since in any positively developing process of evolution, both are always present [6].

Therefore, a thorough study and renewal of our time is one of the main tasks of today the reality of the richest heritage that exists in folk traditions education, as well as in the theories and experience of teachers of the past. All this is a necessary condition for the implementation of a qualitative leap in education is another historical and cultural turn of the dialectical spiral".

Thus, the current educational system, due to the change in the economic and technological foundations of society, meets the requirements of the Times. First, a change in the economic basis leads to a change in the form of presentation of the educational goal. If work and services are produced and presented in virtual space, then the educational goal is virtual, losing contact with material production and is increasingly presented as a kind of information resource.

Secondly, in connection with the removal of restrictions on information by the state and society, the purpose of education is becoming more and more individual, in order to achieve it, it is necessary to obtain data from various educational disciplines, educational areas, scientific schools.

Thirdly, after the change in the purpose of education, the educational space also changes, moving from virtual, financially secured buildings, libraries to the concepts of access to the server, portals [7].

In such conditions, the need arises to modernize the forms and methods of the current educational system on the basis of new technological foundations, to achieve a greater satisfaction of the needs of the state, society and the student for education, to transform the participants of the educational process into a virtual educational environment that exists day and night in real time on the basis

The goal of the student's individual, student-oriented education is the active interaction of the subjects of the educational process in the virtual space of the University, the achievement of meeting the needs of educational subjects using modern e-learning and other information resources, the educational process, educational-methodological support, the use of technical and software, the processing of educational materials, Thus, e-learning or" E-learning " involves the creation of virtual local educational spaces through computer techniques and software, their consistent integration into high-level virtual educational spaces, and ultimately a single virtual global educational space, with the aim of improving the effectiveness of the educational process being carried out, which guarantees the achievement of the individual educational goal set by the student side.

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