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## CREATION OF E-LEARNING ENVIRONMENT IN EDUCATIONAL INSTITUTIONS IN THE CONTEXT OF DIGITAL EDUCATION

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**ABSTRACT:** The article draws conclusions on the creation of an e-learning environment in educational institutions in the context of digitalization of education.

**KEYWORDS:** Digitization, digital economy, innovation, information technology, e-learning, virtual library.

### INTRODUCTION

In our country, comprehensive measures are being taken to actively develop the digital economy, the widespread introduction of modern information and communication technologies in all sectors and industries, especially in public administration, education, health and agriculture. After all, as noted by President Sh. Mirziyoyev, in order to achieve development, we must acquire digital knowledge and modern information technologies. This allows us to take the shortest path of development [1,24].

One of the main tasks of today's ongoing educational reforms, innovation processes is to fully adapt to the characteristics of the digitalization process. At the international level, the urgency of improving the interaction of social institutions in the management of the education system is becoming increasingly clear. Therefore, the Ministry of Information Technology and Communications, together with the Ministry of Preschool Education, the Ministry of Public Education and the Ministry of Health, plans to create IT infrastructure in 13 model districts by the end of 2020, equip preschool and secondary schools and health facilities. measures to complete digitization, as well as the introduction of information systems and the training of responsible personnel [5].

In order to increase digital skills in education, first of all, it is necessary to create opportunities for students to acquire digital skills at the initial stage of education by providing digital

technologies, to take systematic measures to impart knowledge and skills to young people in the context of large-scale digital transformation.

## THE MAIN FINDINGS AND RESULTS

A database of traditional and electronic media, virtual libraries, electronic didactic devices is being created in secondary schools of the country. To meet the needs of education, there is a need to create a single electronic information and educational environment for secondary schools and the introduction of technologies in this area. Decree of the President of the Republic of Uzbekistan dated April 29, 2019 No PF-5712 "On approval of the Concept of development of public education in the Republic of Uzbekistan until 2030" , development of practical scientific research aimed at the study of alternative approaches and scientific substantiation ". Thus, there is a need to form a single electronic information-educational environment of secondary schools, to develop online courses in subjects, to improve e-learning complexes through modern innovative technologies [3,5].

The possibilities of modern telecommunications are a very wide system, which includes a number of new concepts, in addition to the known concepts of computers, multimedia tools, computer networks, the Internet. Examples include information systems, information systems management, data transmission systems, data warehouses, data warehouse management systems, and knowledge warehouses.

XXI century - the introduction of e-learning in the field of education in the information age, in every educational institution:

teaching and learning process;

management of the educational institution;

requires informatization of the educational environment [2,32]. After all, it is difficult to imagine the organization of the educational process today without the use of computer technology. The ease of the interface, which is part of computer software, allows teachers to effectively master modern information technology. Thus, the potential of information and communication technologies can be effectively used in the development of person-centered education, the formation of creative abilities of students [4,392].

The stages of creating an e-learning environment in an educational institution begin with the creation of a psychological information environment. There is a need to use modern tools and methods on the basis of technological and scientific results, created software products. At the

same time, it is necessary to organize a system of independent and computer training of teachers in each educational institution on the basis of individual and consultative training. In addition, an educator working with information technology tools must meet the following competency requirements. First, it embodies the qualities of media competence; second, the ability to create e-textbooks and work freely with them; third, be able to work freely in programs such as ZOOM, Google meet, Google disk, Camtasio studio; fourth, to enrich the distance learning platform with creative innovations, etc. [6].

In our country, special attention is paid to the organization and use of information resources in education. The introduction of e-learning in the education system depends primarily on the intellectual potential of society, including the informatization of education, the development of information educational resources. Development of basic mechanisms for the integration of education with science and industry, its implementation, individualization of reading, independent learning, development and mastering of technologies and tools of distance education, acceleration of student learning using e-learning based on new pedagogical and information technologies is one of the important tasks. Certain changes will need to be made to the organization of the learning process on the basis of e-learning, including the principles of improving the presentation of educational materials.

The use of computers and information technology in the classroom is not the only goal, but another way to understand the world of young people, to give them full information. It is a modern way for young people to get an education, to enter the labor process intelligently, the level of individual learning activity, to expand their worldview.

## CONCLUSION

In short, the creation of an electronic information educational environment of the educational institution is not a purely technical issue, but requires the use of scientific, methodological, organizational and pedagogical capabilities of the institution on the basis of a systematic approach.

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