



Modern Electronic Education in Students Development of Technology Skills

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ABSTRACT

In this article, we are talking about problems and their solution using information and communication technologies in education. The advantages of software for the creation of educational content for e-Learning and the programs that organize the educational process are shown, which provide for the improvement of the quality of education with use in the educational process.

Keywords:

Education, upbringing, teaching aids, methodology, experience, higher education.

Access. The goal of higher educational institutions in our republic is to train mature personnel with higher education who can meet the requirements of the present time. Using the concept of "quality" in the educational process acquires a new meaning. The concept of "high quality" has nothing in common with the quality management system in education. Questions about its high status often arise in quality management debates. Applying these idealized concepts can be useful for building the capacity of the educational institution and its social relations. It is very important to use information technology in the higher education system to ensure the quality of education and increase its efficiency, and to introduce it widely in higher educational institutions. It is worth noting that the development of the higher education system in the current conditions, the existence of integration between higher educational institutions is also due to information technologies. At the present time, when new technologies are developing day by day and the informatization process is growing rapidly, great attention is being paid in our country to the organization of information resources in the field of education and the use of the educational system. In particular, the President of the Republic of Uzbekistan Sh. Mirziyoev's decision "On measures to further improve the activities

of the Tashkent University of Information Technologies" provides for holding contests and Olympiads among students of higher education institutions in the field of information and communication technologies, creating software products, mathematical modeling, algorithmization, cryptology, computer and software engineering, telecommunications and television. special attention is paid to the preparation of modern educational literature in the areas of information security, creating their multimedia generations, and placing them on electronic resources for free use of these educational literature by students, scientists and pedagogues.

The introduction of electronic education into the educational system depends, first of all, on the intellectual potential of the society, including the informatization of the educational sector, the development of information and educational resources. In the developed countries of the world, special attention is paid to informatization of education, introduction of electronic education. including implementation of e-learning, development, ways to increase its efficiency are being sought, the introduction of new ICT in education has become the focus of reforms in the field of education.

Reference literature analysis. Introduction of e-learning system in Uzbekistan today Ministry of Higher and Secondary Special Education of the Republic "Education Under the leadership of the Department of "Introduction of ICT in the Process" and "Introduction of Electronic Education in Educational Institutions" centers, intensive work is being carried out to bring the content of the main subjects taught in the higher education institution and the information supply to the level of modern requirements.

Research Methodology. Development of basic mechanisms of integration of science and production in education, its implementation, individualization of learning, independent distance education system, development and mastering of technology, acceleration of student learning using electronic education based on new pedagogical and information technologies are such urgent tasks. is included. It will be necessary to make certain changes to the principles of organizing the educational process on the basis of e-learning, including improving the presentation of educational materials. In this case, introducing and using modern information technologies in the educational process is the most effective way to achieve the goal. The main tasks in the implementation of electronic information and educational technologies in the educational system, critical evaluation and improvement of the material and technical base of educational institutions are as follows:

- creation of the necessary material and technical base for the implementation of electronic education in the educational process;
- creation and application of educational technologies designed for e-learning for the educational process;
- formation of students' knowledge and skills in the field of modern electronic education technologies;
- increasing the efficiency of the educational and training process through the introduction of electronic education.

Analysis and results. Electronic information resources consist of a set of methods and tools for collecting, storing, transmitting, and

processing educational information, which depends on internal and external factors that determine the creation of various educational information:

- internal factors are the creation of information, its types, properties, performing various actions with information, their collection, transmission, storage, etc.
- external factors - this means the implementation of various tasks with information through the technical and hardware means of electronic education.

The use of e-learning depends on the skills and competences of users in their communication. Therefore, it is important to first understand what modern means of telecommunications are. The possibilities of modern telecommunication means are a very wide system, which includes, in addition to such concepts as the known computer, multimedia tools, computer networks, the Internet, as well as a number of new concepts. These can be examples of information systems, information systems management, information transmission systems, data warehouse, data warehouse management system, knowledge warehouse, etc. Introduction of e-learning in the field of education in the "Information age of the 21st century" in every educational institution: teaching and learning process; educational institution management; requires information about the environment of the educational institution. The stages of creating an ET environment in an educational institution begin with the creation of a psychological information environment.

The need to use modern tools and methods is formed on the basis of technological and scientific results, created software products. In this case, it is necessary to organize a system of independent and computer education of pedagogues based on individual and advisory training in each educational institution. Special attention is being paid in our country to the organization and use of information resources in the field of education. The introduction of electronic education into the educational system depends primarily on the intellectual potential of the society, including the informatization of the educational

sector, the development of information and educational resources.

Development of basic mechanisms of integration of education with science and production, its implementation, individualization of study, independent learning, development and mastering of distance education (MT) system technology and tools, student learning using electronic education based on new pedagogical and information technologies Acceleration is one of those important tasks. It will be necessary to make certain changes to the principles of organizing the educational process on the basis of e-learning, including improving the presentation of educational materials.

The use of ICT in the educational process (in particular, the MT process) is mainly carried out in two ways. The first condition is that it is technical equipment, and the second condition is that it is provided with special software. Provision of technical equipment: computers, network devices, high-speed Internet networks, video conferencing equipment and hakazo. Software includes everything from software that operates devices to software designed for this industry.

Computers, gadgets, and other types of mobile devices used in the course of the lesson may interfere with the conduct of the lesson without this type of software tools. To solve these problems, it is necessary to create and implement special programs in higher educational institutions and departments. These programs play an important role in improving the quality of education.

Conclusions and suggestions. In conclusion, the use of information and communication technologies in the educational process, first of all, leads to the improvement of the existing educational and management technology. At the same time, it should be noted that they lead to the creation of new methods of research, teaching methods and working with information. ICT is an effective tool in making students' learning an interesting activity by creating favorable conditions for individual education..

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