Use of Information Technology in Improving the Quality of Education

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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, information - communication technologies, electronic education, student, educational process.

In our country higher study of their countries head thank you present time requirements answer give receiver higher knowledgeable mature experts from cultivation consists of Society always strong knowledge and to qualification have was, therefore with together , dear good manners adjectives to himself absorbed , country development contribution add will receive to experts need feels Such personnel in preparation higher study of the country responsibility big High study in their countries being cultivated of the specialist its potential knowledgeable and mature to qualification have to be , moreover , of the field development at the school educational , spiritual , educational , scientific of work and information communicative ng technologies (ICT) . to the road being placed with related q . Education the concept of " quality " in the process apply content new meaning occupation is enough " High the concept of " quality " . in education quality i manage system with never how to the common have not Quality manage regarding disputes often   his high position

importance about questions born stands This idealized concepts apply education of the institution potential to increase and social connections for useful to be can High education in the system study quality provide and his efficiency in raising information from technologies use , high study in their countries him wide current of reaching importance big Highlight appropriate , present in the circumstances higher education system developed increasing , higher study countries between of integration existence too information technologies because of New technologies day as developing and informing process fast paces with grow up going present period education in the field information resources organize reach and education in the system to use in our country big attention is being directed . Including Uzbekistan Republic In the Decisions and Orders issued by the President in this regard and is intended for the development of the industry economic of the program the most important priority directions dedicated Ministers Court extended at the

meeting As in the past , today in the day global in economics computer and telecommunications technologies , software supply products work release and they are based on wide kind of interactive services to show own into received information - communication technologies of the field role and importance , education in the field information national system formation , modern information technologies current reach and from him wide use for wide opportunities is being created

The introduction of electronic education (ET) into the educational system depends, first of all, on the intellectual potential of 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 being paid to informatization of education, introduction of electronic education, among other things, ways of development and improvement of its efficiency are being sought. Today, the implementation of the ET system is under the leadership of the Ministry of Higher and Secondary Special Education of the Republic of Uzbekistan "Introduction of ICT in the Educational Process" Department and "Introduction of Electronic Education in Educational Institutions" centers, intensive work on bringing the content of the main subjects taught in higher education institutions and information supply to the level of modern requirements is being conducted. 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 ET on the basis of new pedagogical and information technologies [2] are among the 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. In this case, the introduction and use of modern information technologies in the educational process is the most effective way to achieve the goal [3]. 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:

technical base for the implementation of ET in the educational process ;

• creation and application of educational technologies designed by ET for the educational process;

• formation of students' knowledge and skills in the field of modern IT technologies;

• Increasing the effectiveness of the educational process through the introduction of ET. 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 information creation, types, properties, performing various operations with information, their collection, transmission, storage, etc.

• external factors mean the implementation of various tasks with information through technical and equipment means of ET. The use of ET depends on the skills and competences of users in communicating with them . 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 electronic education in the field of education in the " Information age of the 21st century " basically requires the informatization of the teaching and learning process , the management of the - educational institution, and the environment of the educational institution. The stages of establishing an ET environment in an educational institution begin with the creation

of a psychological information environment [4]. 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 IT 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 . 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 [5] (MT) system technology and tools, using ET based on new pedagogical and information technologies Acceleration of student learning is one of these important tasks. It will be necessary to make certain changes to the principles of organizing the educational process on the basis of ET, 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. Technical facilities include computers, network devices, high -speed Internet access, video conferencing equipment, and laptops . Software includes everything from software that operates devices to software designed for this industry. In recent years, the type of electronic education through the Internet, which is used in the management of the educational system in the West, has entered with the term Elearning (electronic education). Electronic education is a broad concept that means various forms of education based on information and communication technologies. Among the many sources of ET organization are:

- Authoring software products (Authoring tools);

- Virtual educational process management systems LMS (Learning Management Systems);
- Internal content management systems CMS (Content Management Systems).

State policy in the field of information [6] is aimed at creating national information systems taking into account the modern world principles of development and improvement of information resources, information technologies and information systems. It is necessary to know how to use modern information and communication technologies in the processes of gathering large amounts of information, creating a unified information space, storing, processing, and transmitting them. In this regard, various computer programs designed to conduct the educational process are being used in the educational system, and their number is increasing day by day. But all foreign programs may not meet the requirements of our national education system and educational standards. At the same time, there is a need to create national modern computer software information systems in the educational system. Due to the lack of course management and control software, full control of coursework, classroom computers, and other types of student computing devices remains a challenge. 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. Application of the program allows to control the teaching process, to make maximum use of computers and network technologies.

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

student learning an interesting activity by creating favorable conditions for individual education. The use of ICT in the educational process, especially in the process of independent education, which deserves special attention for teachers, leads to the development of free creative thinking in students. The use of computers and information technologies in the course of the lesson is not the only goal, but another way to understand the world of young people, to make them aware, to provide full information. It is a modern way for young people to learn, enter the labor process intelligently, increase the level of individual learning activity, and expand their worldview. The number of educational institutions using ICT and other technical means in the higher education system in our country is increasing. It is a fact that information technology is widespread. It is important to create content and software tools for these technologies. Education has an important ideological content. Each nation adds its own interests to it. From this point of view, the content and programs of the future educational system will also cross the issue of information security and ideological immunity. The use of ICT in the educational process - an optimal and favorable condition for education - creates conditions, but it should be properly methodologically based and oriented to specific goals. ICT should be used only when it is proven to produce clear pedagogical results and never be turned into a computer hobby that wastes students' time.

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