

Importance of Information-Communications in Teaching Economic Sciences

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Abstract: This article covers the issues of wide-scale use of information-communications and global internet networks in the current era of global informatization, as well as researching the problems of educational informatization, and the use of specific concepts that have become a skill in general.

Keywords: distance education, information-communication, audio and video textbooks, online lessons, electronic libraries, multimedia electronic textbooks.

Enter

Effective use of existing information and communication technologies in education, scientific investigation and engineering calculations is important nowadays. In our country, serious attention has been paid to education, including in the Law "On Education" it is specified that Education is declared a priority in the field of social development of the Republic of Uzbekistan.[1] It follows that paying serious attention to the educational process and, in turn, effective use of information-communication and Internet technologies based on world experience will lead to high results.

Taking this into account, it is necessary to improve the process of using information-communication and Internet technologies in the teaching of economic sciences today. This, in turn, helps to increase the quality level of the lessons, and as a result, the interest of students in the lesson is much improved.

As the First President of the Republic of Uzbekistan I.A. Karimov said, "We must not forget that the development of information and communication technologies affects the level of competitiveness of the country, allows to collect a large amount of information and generalize it, and opens wide opportunities for organizing management at a strategic level".[2]

In general, information technologies are necessary for users, for their individual formation and increase of creative abilities. The effective use of information and communication technologies by students gives a high result not only in the course of the lesson, but also in the implementation of independent work and the ability to apply their ideas in practice. Therefore, the implementation of the above, that is, the effective use of information and communication and Internet technologies in the teaching of economic sciences, should be undertaken by the science of educational informatization, which is a branch of the science of pedagogy.

Analysis of literature on the topic

In the textbook created by the scientists of our republic, S.S.Gulomov and B.A.Begalov, it is stated that the introduction of information and communication technologies in the educational process on a large scale gives the following [3].

- Reducing the time spent on searching for educational and scientific information by students and professors;
- Acceleration of changing the content of electronic educational literature based on the demand of the time;
- Allocation of additional time for independent study of students.

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Today, world experience shows that the most promising way to use information and communication technologies in the educational process is to organize interactive lectures based on multimedia technologies. Compared to traditional lectures, interactive lectures allow students to actively participate in the learning process, where they can ask questions from different parts of the educational material and get specific answers.

R.H. Alimov, O.T. Khaitmatov, A.F. It was emphasized by Hakimov as follows: When it comes to information technologies, information is involved both as a material of processing and as a product. But it will be qualitatively new information about an object, process or event. Technology is manifested by the method and style of the employee working with information and technical means [4].

A.T. According to Kenjabaev and N. Rakhimov, the informatization of education means the optimal implementation of the framework of education with the help of modern information and communication technologies, which are intended to be used in the conditions of health care, providing methodological, technological and practical developments, solving the psychological-pedagogical goals of teaching and education[5].

Research methodology

The gradual development of the economic reforms implemented in our republic and the integration processes taking place in the economy, as well as the acquisition of economic knowledge from experts in the field of information and communication, its objects and subjects, principles of implementation, world-improved tools in this regard, extensive knowledge of their direct application to financial processes and directly requires having the skills to work on different types of computers.

The process of using information and communication and Internet technologies in the teaching of economic sciences increases the curiosity of students and the efficiency of independent work.

Together with the use of information and communication and Internet technologies, it provides new opportunities in the field of education, in the study and creativity of students. For the first time in education, a situation arises where a person becomes the main instrument of his future profession using information technology.

The purpose of using information and communication and Internet technologies in the teaching of economic sciences is, on the one hand, to teach students the possibilities of teaching through information technologies, and on the other hand, to familiarize them with the hardware, instrumental and software tools of information technology in education.

Analysis and results

Implementation of the process with the help of modern information and communication technologies leads to solving the following problems and issues:

- clarifying the development of education according to scientific pedagogical, methodological, normative-technological and technical conclusions in the conditions of a modern information society based on large-scale communication and globalization;
- to perfect the creation of educational methods and organizational forms for the development of the personality of the learner, the basis for selecting the essence of education in the conditions of modern information society based on large-scale communication and globalization;
- justification and creation of all stages of education in the application of information and communication technologies, including teaching methods and tools, innovative models and existing pedagogical technologies;
- it is necessary to develop a methodological system of teaching aimed at developing the intellectual potential of the learner (student), which will enable the student to independently gather knowledge, collect, process, transfer, and store information resources;



- educational research, development of exhibition prototypes of electronic tools, including creation of software tools and systems;

The purpose of education is to use the information resources distributed in the world Internet networks and to create informational interactive technologies in the global telecommunication base, which include:

- creation of new pedagogical applications in the network based on the potential of distributed information resources of telecommunication open educational systems;
- creation of real or virtual educational exhibition, processing and automation systems of laboratory experimental processes;
- to create psychological and pedagogical testing and diagnostic methodical control and to create and use automation systems to assess the level of knowledge of students, to apply them in studies, to determine the intellectual potential of students;
- improvement of the educational system management mechanism, including management of higher education institutions based on the automated data base and bank, use of communication networks.

Today, the speed of connecting to the world Internet networks has also increased significantly compared to previous years (Fig. 1). This makes the process of using the Internet much easier for users. As a result, the possibility of using new information in the educational process increases significantly. Studying the problem of educational informatization generally implies the use of specific concepts that have become skills.

Informatization of the educational process, the continuous education system is fully covered by the computer information network connecting to the world information network.[5]

In the use of information and communication and Internet technologies in the teaching of economic sciences, all the possibilities of information and communication technologies require the achievement of specific pedagogical goals. They include:

1. Forming the personality of a learner (student) and preparing him for a comfortable life in the conditions of large-scale communication and globalized modern information society:
 - to develop the thinking that makes up the structure of one's mental activity, to strengthen the psychological and pedagogical influence in order to form the system of knowledge;
 - to develop the ability to understand and observe the meaning of accepting the optimal solution or proposing solution options in the conditions of simultaneous digestion of various types of information and different information sources;
 - development of ability to carry out information-searching of experimental-research activities on an organizational basis.
2. Implementation of the social order in the context of information, globalization and large-scale modern communication society:
 - training of competent professional, highly qualified specialists in informatics and information and communication technologies within the framework of appropriate life activities of the members of the information society;
 - training of users for the use of information and communication technology tools at various levels (from household use to professional);
 - strengthening all levels of the educational process of the continuous education system;
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3. Improving the quality and effectiveness of the educational process due to the unparalleled use of information and communication technologies in terms of opportunities and pedagogical applications:



- To provide motivating motivations for learning that enhance cognitive activity using information and communication technologies environment, to solve problems in various fields of science, to deepen interdisciplinary relations using modern data processing environments;
- implementation of the idea of open education based on the use of distributed data resources.

Conclusions and suggestions

Improvement and further development of the personnel training system in accordance with the socio-economic development prospects of the country based on the analysis and generalization of the experience gained in the third stage of the "National Personnel Training Program" of the Republic of Uzbekistan (2005 and subsequent years).

The resources, personnel and information bases of educational institutions will be further strengthened, the educational process will be fully provided with new educational and methodological complexes, advanced pedagogical technologies.

From the last 20 years of the 20th century, the informatization of education on a global scale begins. During this period, scientific investigation and practical works were carried out on the informatization of education in pedagogy, psychology, sociology, medicine, technical sciences and other sciences. Fundamental, experimental-experimental, software-hardware developments related to educational informatization and a number of similar works were carried out in connection with these works. Let's talk about them briefly:

1. Improving the strategy and method of selecting the essence of education and methods of organizing the form of education. This event is connected with increasing the intellectual potential of learners (students) on the basis of independent discovery of knowledge in the conditions of using modern information technologies such as multimedia, telecommunications, information technology, virtual objects. For this reason, students should know how to build knowledge, create an opportunity to structure the subject and teach it.
2. Improving the methodological system of education based on information and communication technologies. For this, the student should: know how to search for the necessary information on the Internet, be able to use a distributed database; able to independently make a computer presentation (presentation) based on solving the possibility of information interaction technologies; they should be able to show the real process of various objects based on effective use of information and communication technologies, and they should be able to describe them using virtual electronic tools. It is desirable to implement them on the basis of relevance to complex pedagogical issues. Pedagogical goals here are to organize intensive forms and methods of education on the basis of solutions. The use of modern pedagogical technologies leads to the organization of scientific-methodical and organizational ways on the basis of information and communication technologies and the creation of an expert evaluation apparatus of psychological, pedagogical and ergonomic importance, which allows for their effective and safe use.
3. Informatics, information and communication technologies are subordinated to the practical methods and tools of computer science in the development of style and substance in education, research and modeling of the object of information and communication technologies. Therefore, the development of methodological guidelines between the perfect use of information and communication and Internet technologies and the creation of pedagogical practice in the teaching of economic sciences is a promising direction.

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