THE ROLE AND TASKS OF INFORMATION AND COMMUNICATION TECHNOLOGIES IN THE EDUCATIONAL PROCESS

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Abstract
The article talks about the role and tasks of information and communication technologies in the educational process, and also summarizes the author's results of their use in this process.

Keywords: Information, education, process, technology, communication.

AXBOROT- KOMMUNIKATSIYA TEXNOLOGIYALARINING O'QUV JARAYONIDAGI O'RNI VA VAZIFALARI

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Annotatsiya:
Maqola oquv jarayonida axborot-kommunikatsiya texnologiyalarining o'rni va vazifalari to'g'risida bo'lib, mualliflarning shu jarayonda undan foydalanish natijalari umumlashtirilgan holda bayon etilgan.

Kalit so'zlar: axborot, ta'lim-tarbiya, jarayon, texnologiya, kommunikatsiya.

Abstract:
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Introduction
In the modern world, information technologies play a key role in the development and improvement of the educational sphere. It has become commonplace for them to penetrate all aspects of the educational process, from the lesson schedule to the management of higher education facilities.

The information and communication technologies sector (ICT) is a set of systems that implement the educational process, related to the educational process and the provision of services in this area.

IT: Transformation of the educational sphere

During the educational process, a student acquires knowledge in his field and embarks on a great life. Let's now consider how IT affects the professional activities of a young specialist.

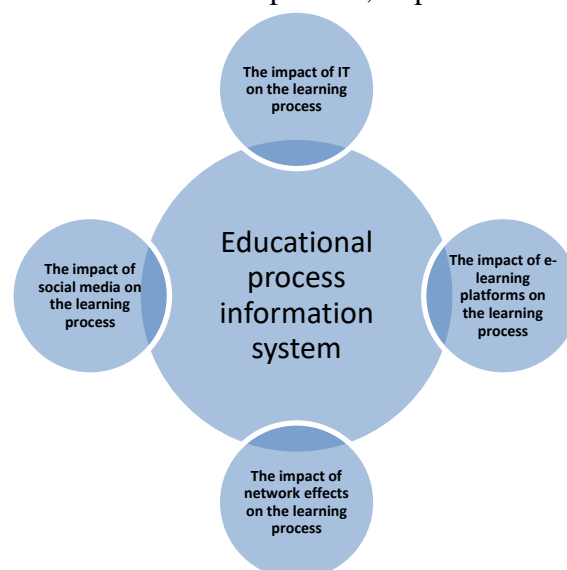## 1. Social changes through IT

The introduction of IT into the educational process significantly changes the student's attitude to the process of acquiring knowledge. Social networks, messengers, and online platforms for information exchange become an integral part of the student's everyday life. They simplify communication, make it fast and convenient. Students are able to easily connect with friends and family from afar.

The student opens the way for education and self-development through online education and access to information. Online courses, webinars and educational platforms democratize knowledge, making it accessible to everyone, regardless of location and social status. Information plays a significant role in transforming the educational process, accelerating the development of the educational process by solving existing problems that have been developed in the past by collecting information and waiting for knowledge creation.

Information in the educational process reduces uncertainty. An information system is a set of technical (hardware and software) and student-teacher resources that provide storage, calculation and transmission of information necessary for the educational process.

Information is evaluated as a factor in the production of all types of educational processes, the growth and development of the educational institution. According to scholars in this field, the information economy has studied the extent to which markets and other institutions transmit practices and information to the world.

Problems that arise spontaneously in the educational process can lead to an increase in the demand for valuable information. Here we (Figure 1) have examined how information and information systems together affect the educational process, in particular:

The impact of IT on the educational process - good information systems reduce the internal management costs of the educational process, that is, the costs of monitoring and controlling students and teachers.

The role of information technology in education

Information technology (IT) is a set of tools and methods that are widely used to improve the teaching and learning processes. They have an effective impact in the following areas:

• Improving the quality of education: Through information technology, educational materials are delivered in a visual and interactive form, which helps students better understand the material.

• Individual approach: Electronic platforms and distance learning systems offer personalized programs that meet the needs of each student.

• Ensuring interactivity: Online platforms create the opportunity for direct communication between students and teachers.

• Wide access to information resources: The Internet opens up the opportunity to obtain a lot of educational information.

Positive impact of IT on the learning process

1. Convenience and flexibility: Distance learning and the use of electronic resources do not limit the place and time of study.

2. Increasing learning motivation: Students' interest increases through multimedia tools, such as video lessons and interactive simulations.

3. Developing analytical skills: Students' logical thinking and problem-solving skills are improved with the help of digital tools.

Negative impacts of IT

1. Technical difficulties: Appropriate equipment and internet are needed to use information technologies.

2. Technical training of teachers: Some teachers do not have sufficient skills in using technologies.

3. Decreased social interaction: Online education can negatively affect social activity and communication skills.

Information technologies help to make the learning process effective, interactive and convenient for students. However, it is important to take into account technical, methodological and psychological aspects when using them. Therefore, an integrated approach is necessary to introduce information technologies into the education system.

The impact of e-learning platforms on the learning process - e-learning platforms mean the use of the Internet and digital media for learning. In this case, all educational principles and methods should be applied through electronic media for learning.

The impact of network effects on the learning process - This effect refers to the effect that students or online services become more valuable when they use them.

The impact of social networks on the learning process - Social networks are the driving force of today's global economy. Today, social networking sites are used not only for personal communication, but also for serious learning. Social networks have helped millions of students around the world to gain knowledge.

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The impact of telemarketing in education - telemarketing in education directly encourages students to choose the most appropriate type of learning.

ICT has been proven to be a key factor in increasing the competitiveness of the national economy, increasing production efficiency, optimizing management processes, and increasing labor and capital productivity.

The state of ICT implementation and development in the economy is assessed based on the following data:

• Digitization of ATSs (%);
• Number of operators and providers;
• Speed of access to international information networks;
• Number of domains in the ".UZ" domain zone;
• Number of operating businesses;
• Activities in the field of software production;
• Number of software products registered annually;
• Number of keys and EDS key certificates;
• Number of state information resources;
• Number of state information systems;
• Number of types of state interactive services;
• Number of sites registered on WWW.UZ;
• Book fund of information and library centers, etc.

In conclusion, it can be said that the issue of applying information and communication technologies to the educational process remains the main reason for the wider manifestation of its place and tasks in the education system.

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