The Role of Information Technology in Modern Society

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Abstract: The article addresses the issue of organizing the entire learning process using information technology as a backup part of learning. Introduction of digital technologies in education, etc.

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Introduction: Uzbekistan is at the stage of increased attention to the development and improvement of the quality of education. In this regard, President of Uzbekistan Shavkat Mirziyoyev, delivering a message to the Oliy Majlis and the people of Uzbekistan, proposed proclaiming 2023 the Year of Caring for People and Quality Education. The President stressed that it is necessary to continue reforms in the field of education, "go to educational institutions, meet more with teachers, solve existing problems together, and promote the implementation of their ideas to improve the quality of education." "We will include all the issues raised by our people in the State Program next year, indicating specific ways to solve them. I ask you to be active in this process, putting forward new initiatives, deputies and senators, representatives of mahallas, intellectuals, youth and entrepreneurs, and the general public," the head of state urged. Today, in the world of advanced technologies, it is impossible to imagine not only education, but also life in general without information technology. Today, they have become firmly embedded in our lives, as the current generation is growing up fully immersed in the world of technology. Digital technologies are a formalized type of information presentation, and in the case of education, this is both a type of presentation and a qualitative

consolidation of knowledge. For children who are passionate about techniques and technologies, providing information in this way increases accessibility, which significantly affects the quality of education. The widespread and productive use of digital technologies in education takes on intellectual purposes, which leads to the economical use of other means.Thus, there is a noticeable saving of time, energy and other resources. The role of digital technologies is increasing due to the wide range of information resources. The use of digital technologies is significant not only in the field of education, but in other areas as well. Digital technologies also play a significant role in the development of the global economy. Information technology has emerged as a social phenomenon that determines the position of humanity on a global scale, since this procedure involves the solvation of humanity and maintains the popularity of numerous information. IT has entered the life of mankind in a relatively short time and easily, helping to regulate problems in all fields of activity and expanding ties, both domestic and international, influencing the migration of people around the planet and is the core of minimizing human participation in the management of the Internet catalog and improving methods that allow you to gain new knowledge, advertise cultural creations and stories. The widespread sale of impeccable knowledge included in high-tech products is becoming commonplace in the market, and there is a successful trade in the invisible product of cultural and artistic creations. IT is forcibly forced to adopt certain stereotypes of behavior and behavior. Information, knowledge, and creativity are becoming the main strategic resources in today's society. Below we will consider the role and importance of information technology.:

1. Information technologies make it possible to activate and effectively use the information resources of society, which today are the most important strategic factor in its development. Experience shows that the activation, dissemination and effective use of information resources (scientific knowledge, discoveries, inventions, technologies, best practices) They allow for significant savings in other types of resources.: raw materials, energy, minerals, materials and equipment, human resources, social time.

2. Information technologies make it possible to optimize and, in many cases, automate information processes, which in recent years have occupied an increasing place in the life of human society. It is well known that the development of civilization is taking place in the direction of the formation of an information society in which the objects and results of the work of the majority of the employed population

are no longer material values, but mainly information and scientific knowledge.

3. Information processes are important elements of other more complex production or social processes. Therefore, information technologies very often act as components of the corresponding production or social technologies. At the same time, they usually implement the most important, "intelligent" functions of these technologies.

4. Information technologies today play an extremely important role in ensuring information interaction between people, as well as in the systems of preparation and dissemination of mass information. In addition to the traditional means of communication (telephone, telegraph, radio and television), electronic telecommunications systems, e-mail, fax transmission of information and other types of communication are increasingly being used in the social sphere. These tools are quickly assimilated by the culture of modern society, as they not only create great convenience, but also relieve many industrial, social and domestic problems.

5. Information technologies occupy a central place in the process of intellectualization of society, the development of its educational and cultural system. In almost all developed and in many developing countries, computer and television equipment, optical disc curricula, and multimedia technologies are becoming familiar attributes not only of higher education institutions, but also of regular schools of primary and secondary education.

6. Information technologies currently play a key role in the processes of obtaining and accumulating new knowledge. At the same time, traditional methods of information support for scientific research through the accumulation, classification and dissemination of scientific and technical information are being replaced by new methods based on the use of newly opened opportunities for information support of fundamental and applied science provided by modern information technologies.

7. The importance of the development of information technologies, which is fundamentally important for the current stage of society's development, lies in the fact that their use can significantly contribute to solving global problems of humanity and, above all, problems related to the need to overcome the global crisis of civilization experienced by the world community. After all, it is precisely the methods of information modeling of global processes, especially in combination with space-based information monitoring methods, that can already provide the ability to predict many crisis situations in regions of increased social and political tension, as well as in areas of environmental disaster,

natural disasters and major technological accidents that pose an increased risk to societies.

The introduction of digital technologies into education has occurred through digitalization.

Digitalization is the introduction of modern digital technologies into various spheres of life and production. In the late 90s of the 20th century, the world began to talk about IoT technologies and the digital economy, whereas at that time the first mobile phones were just beginning to appear in our country.

The quality of education depends on the level of organization of the education system. As we have already stated above, today, in order to improve the quality of education, it is important to apply digital technologies in all types of educational process. Digital technologies expand the possibilities of presenting information, taking into account their variability. Digital educational technologies are an innovative way of organizing the educational process based on the use of electronic systems that provide visibility. The purpose of using digital technologies is to improve the quality and effectiveness of the educational process, as well as the successful socialization of children. In this regard, the use of information technology in education becomes part of the requirements for organizing lessons or classes. Information technologies are currently divided into several types, which makes it possible to organize the process in a pleasant and accessible way for students. Thus, more comfortable conditions are created where students have the opportunity to open up and become more active. Information technology helps not only students, but also teachers to give their best. Today, teachers understand that with the use of information technology, it is easier for them to conduct lessons by putting forward relevant issues and tasks in order to achieve goals. This is a unique option for maximizing the fulfillment of the curriculum. With the development and improvement of technology, new opportunities are emerging in special education. Since the special education system requires a differentiated approach to learning, classes are conducted both individually and frontally. In some situations, there are also online lessons. For such cases, it is very convenient and effective to use "IDroo" virtual boards. IDroo is a virtual learning board for classes. IDroo doska is a free application from Iteral Group. This app works as a virtual whiteboard that you can share with multiple users. Thanks to this, you can teach, learn, or collaborate with other people in real time, as IDroo is a wonderful virtual whiteboard for both individual work and online group work.

Who needs this board?

Tutors. Moreover, if in the old version, it was very difficult to give lessons in mathematics, physics, chemistry. Since it was not possible to write characters. Now this issue has been resolved – a large selection of various formulas has been provided.;

Company leaders. Any leader of a group, such as MLM, can gather his people to discuss news and presentations. It's very convenient – I opened the board, sent the link via Skype to the people you want to invite – and please broadcast!

Teachers of schools and educational institutions. The material is quite difficult now. You can gather your students and explain difficult questions to them right from the comfort of your home. Very convenient.

For bloggers. Of course, this board is a wonderful tool for a blogger. A modern blogger is both a tutor, a leader, and a consultant. It all depends on the topic of his blog. And the IDroo board is an indispensable tool for working with your subscriber.

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