

Review Article

DEVELOPING COMPETENCIES IN THE DEVELOPMENT OF INFORMATION AND COMMUNICATION TECHNOLOGIES

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Abstract

In this article, Globalization, the Advancement of Information and Communication, accelerates the process of information sharing. It is no surprise that today a schoolboy, even a kindergarten boy, has a mobile phone. The possibilities of mobile devices, tablets, computer technologies, and the Internet are all boundless. All members of our society, including individuals and legal entities, are trying to make the most of these modern technologies that have become commonplace in our daily lives. It is no exception to urban passenger transport companies.

Key words. Communication, technology, information, communication technologies, human activity.

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INTRODUCTION

Since independence, development of information and communication technologies in the country, its legal, organizational and logistical support has been given the highest level of state policy. Within a short period of time, our country has adopted a national ICT infrastructure model and has adopted a number of government decisions and decrees of the President. Today, the role of information and communication technologies is becoming more and more important in achieving sustainable development. Regardless of the industry, the use of these technologies is becoming more and more popular. The development of ICT will open the door to greater comfort and competitiveness in any country, and will open up more opportunities for strategic management at the strategic level. Currently, 18,600 base stations have been installed across the country, and the number of mobile subscribers has increased 7.5 times in the last 10 years. Accordingly, the capacity of the fourth generation mobile network - 4G - LTE is growing in the country. In the regional centers and in the city of Tashkent, base stations of the 4G technology are used and are expanding. It allows the population to use telecommunication services more efficiently, provide high-speed internet and receive the necessary information quickly and easily from government agencies. Innovations are becoming more widespread in the television industry. The main feature of digital television is image quality. IPTV internet services are widely available [1, p.56]. Computer networking and alternative information and communication technology (ICT) education systems have created opportunities for immediate access to information, first and foremost, from anywhere in the world. In particular, the Internet provides instant access to global information resources through a global computer network [1, p. 104]. Progressive technologies are designed to make the human race far and near. In particular, the rapid development of information and communication technologies makes a significant contribution to the development of all spheres. There is an irrefutable fact that a modern-day representative does not have access to modern technology, nor does he apply them to his life, profession or profession. It is noteworthy that the effective use of modern information and

communication technologies by teachers and educators working in secondary schools, vocational colleges and higher education institutions is evidence of their professionalism. [87]. Mankind's move to the 21st century is marked by the development of information technology in all areas of public life. Information and its processing are increasingly evolving and becoming production levels, public resources and valuable commodities. Training of highly qualified, well-educated specialists who meet modern requirements and who are successful in market conditions, has become a requirement of the time. It is necessary to introduce modern computer technologies in all spheres of life to make our country stand out among developed countries. One of the main directions of the State National Program is the emphasis on informatization of secondary schools, vocational colleges and higher educational institutions. Under this program, educational institutions are provided with modern computer equipment. Educational institutions are fully connected to the Internet and ZIYONET.

MATERIALS AND METHODS

The modern person possesses so much information that it cannot be processed and used without the use of new information and communication technologies. Every year, computer and information and communication technologies are rapidly entering our life. The main purpose of the education policy is to provide a modern education that is essential to the needs of the educator, society and the state and is highly effective for future development. Teachers and leaders of educational institutions should be involved in additional pedagogical education from the first days of their activities to develop their professional competence. Information and communication technologies are the best tool in every step, from teacher training to teacher training, to qualitative, interesting and effective teaching. In preparation for the classroom, the teacher should be able to make didactic, handouts, visual aids, slides and tutorials on the computer and provide them with additional information, interesting photos, audio and video clips.

It brings together experts from all over the world in a virtual conference room; various - Provides text, audio and video data online; Sharing information; To see and hear participants' opinions during the conference and to participate actively in discussions; Advice or consultation promptly. Consequently, video conferencing is a technology that allows simultaneous viewing, listening and analysis of data together. Information technologies are data management and processing technologies. This term is often understood as computer technology. In the field of information technology works on collecting, storing, protecting, processing, transferring various information through computer and computer networks. Information technology is used as the main technical means of communication, besides organizational techniques - telephones, teletype, telefax and others. Although information technology has existed at various stages of human development, the peculiarity of today's information society is that for the first time in the history of civilization, the power to access knowledge and production is based on energy, raw materials, and materials. Information technology is the leader among the new technologies.

The IT industry is comprised of computers, communications systems, databases, knowledge warehouses and related areas. Today, information technology can be conditionally categorized as "preserving, rationalizing, creating." The first type of technology saves labor, material resources, time. Examples are the booking of hotel tickets and the system of hotel accounting. Creative (information) technology is a system that generates, uses, and manifests information. Modern advances and advances in information technology demonstrate the need for information in all areas of science and human activity. Informatization of society means the use of information as a wealth of society, which provides economic development, the development of science and technology, the process of democratization and intellectualization of the society.

Indeed, informatization of society is an objective process, connected with increasing the role of intellectual activity in all spheres of human life. Informatization of the society contributes to the improvement of the standard of living of the people of our republic, the satisfaction of social needs, economic growth and the development of science and technology.

RESULT AND DISCUSSION

The process of informatization of society can be divided into 5 main directions:

- Comprehensive automation of labor, technological and production processes.
- Research, design and production information.
- Automation of organizational and economic management.
- Informing the public services sphere.
- Informing the training and staffing process.

Computer help in learning or transmitting certain types of information is immeasurable. Regardless of how information is displayed, the role of computer technology in its collection, storage, processing and use is: First, the use of new information technologies in teaching will accelerate the learning process compared to the standard (traditional) system, increase student's interest in science, facilitate their creative activity, facilitate differential approach to learning, duplication, consolidation and control of the acquired knowledge, and turns.

Second, new information technologies can be used in the educational process in the following forms:

- Computer lessons in teaching certain pedals;
- Computer lessons as visual material;
- Organization of group and front-line work of students;
- Organization of scientific researches of students;
- Deciding on proper organization of free time for students, etc.

Further increase in labor productivity and improved level of efficiency. Receiving large amounts of multimedia information (text, graphics, video images, sound, animation) can be achieved only with the use of new intellectual tools and human machine interfaces. If computer science is not enough to

improve labor productivity, the growth in productivity across the entire economy may be significantly reduced. About 50% of all jobs in the world are equipped with information processing facilities. Informatization of society, provision of new information technologies plays an important role in meeting the needs of different people. As human beings live in the information world, events are often referred to as numbers and figures in order to relate processes, to establish relationships and content, to find answers to complex questions that arise from their lives. Thanks to information, theory is coupled with action. Theory of Practice Theory does not exist and does not develop without practice. The main purpose of our factories is not to think about the importance of information technology but to understand the ways and means of meeting the information needs of society. This need will always exist and will be met in the context of an information environment. The concept of the "information environment" is now playing an important role in the study of informatics. The environments that surround humanity vary according to their services - they can be natural, political, social, national or monthly. More precisely, these are the plains of an entire environment where each of us lives. At the center of these plains is an information environment and it manages all information: complement, develop, and manage the information and media environment of the event, which is closely related to various social factors. It is important to learn how information becomes knowledge when it comes to understanding nature. At first glance, it seems uneven, but when we look at their relationship, we see that information is a link between communicative "other means". In society, the factor of interpersonal communication is the bridge between departments.

CONCLUSION

Consequently, the mechanism for converting knowledge into "information" for itself plays a special role in creating an information environment. The information environment is very poor, and it consists of a narrow set of handy and limited data sets that limit the interconnectedness of the people for thousands of years and reduce the person's contribution to the information environment. Today, a wide range of socially-oriented news outlets is extensive and important, and its role in society is indisputable. In recent times there have been significant changes in the information environment. These changes require the use of non-paper technology. This, in turn, will lead to the development of the CPC. There is a need to extend the scope of the tasks that need to be done in order to make the information environment more important and important in the future.

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