

INFORMATION TECHNOLOGIES AS A STEP TO THE DEVELOPMENT OF SOCIETY

Khalilova Barnogul Abdulazizovna
Qodirova Dilshoda Abdunabiyevna
Tuychiyeva Khilola Zokirjon kizi
Ferghana State University., Uzbekistan

Abstract: *The article describes the importance, significance and role of information technology in the development of society, a developed personality, explaining the new generation of important tasks and the importance of IT technologies and the IT industry. The problems of increasing the level of regular and systematic use and coverage of the population using IT technologies, the introduction of digital technologies in public administration and cardinal improvement of people's lives and the development of the social sphere are outlined.*

Key words: *implementation of information technologies, unique experience, regular and systematic work. information resource, system efficiency, overhead costs, result and efficiency, promotion of innovative developments.*

Today it is difficult to imagine development without the widespread use of information and communication technologies.

Uzbekistan has set itself the goal not only of development, but also of becoming one of the strongest countries in the world as a result of comprehensive reforms in various spheres of life. An example of this is the focus on informatization issues.

The use of new information technologies (IT) for any activity is a factor of certain changes and improvements. After gaining independence, the education system of the Republic of Uzbekistan has become one of the main tasks of informatization of the state and society.

The President of the Republic of Uzbekistan Shavkat Mirziyoyev drew attention to the need for the widespread introduction of information technologies in the educational process, since information technologies can improve the quality of an individual's education and transform information to the level of modern requirements. In this regard, on October 6, 2020, the law "On further improvement of the education system in the field of information technology, development of scientific research and their integration with the IT industry" was developed in the republic [1,2,3,4,5,6,7].

Shavkat Mirziyoyev pays great attention to improving the training system in the field of information technology, which is one of the important conditions for the successful implementation of the Digital Uzbekistan 2030 strategy, the development of digital technologies and their widespread introduction into everyday life, increasing the efficiency of the system of professional training and retraining of personnel in the field of information technologies.

During the years of independence, our country has been actively creating new and updating existing electronic educational resources. The role of innovative technologies has also increased incredibly. And these are not only various forms of distance learning, but also the widespread use of electronic lecture notes, multimedia, electronic textbooks, teaching aids, tutors and simulators, computer laboratory workshops, virtual work, satellite television and tele portals [8,9,10,11,12,13,14,15].

Building a digital economy requires the necessary infrastructure, a lot of money and a workforce, but no matter how difficult it is, we need to start today, so an active transition to a digital economy is one

of our top priorities for the next five years. Because digital technologies improve the quality of products and services, reducing overhead costs.

The recent introduction of digital technologies has shown that government and public administration can dramatically improve people's lives while serving the development of the social sphere.

As a result of such conditions and opportunities, modern information technologies are deeply mastered, they acquire the necessary knowledge and skills in this direction.

Information technology has the potential for distance education and information exchange. This makes it possible to raise the organization of the educational process to a new level, creates the basis for conducting various events remotely using computer technology, organizing teleconferences with educational institutions of the country, high-quality and high-speed connection of universities to the Internet and Ziyonet, placement of information resources developed in universities and web projects [16,17,18,19,20,21].

In modern society, information technology is rapidly developing in step with the times.

The information resource center is also subjected to informatization - these are library reserves. Several programs have been developed to improve the work of the information resource center.

The implementation of these programs is contained in:

- 1) Improvement of information materials;
- 2) Material movement control;
- 3) Formation of channels of information;
- 4) Providing information in the library;
- 5) Processing of received information.

At present, modern conditions have been created for readers, they use electronic books, multimedia products, have the ability to quickly find the necessary information using an electronic search program.

In the 21st century, digital technologies have embraced people everywhere. They are used to achieve greater results and efficiency by reducing human labor.

The digital economy is a set of economic activities closely related to e-business and e-commerce based on digital technologies, as well as digital goods and services produced and sold as a result of these activities.

The first and most important factor in the consistent development of the digital economy is the creation of a modern ICT infrastructure. In this regard, a number of major projects have been implemented in our country and the main focus is on the introduction of the most advanced technological developments in the field of information and communication technologies.

Another important factor in the consistent development of information and communication technologies is the creation of favorable conditions for the development of competitive products and services in the industry, their promotion in the domestic and foreign markets, promotion of innovative developments.

In the age of global computerization, no organization or firm can succeed without a well-established information system based on advanced technologies. There is a growing need for specialists who can make life easier and more convenient with the help of technologies for collecting and processing information, such as improving or automating production processes. Now is the best time to choose innovative specialties in the field of information systems and technologies as a higher professional education at a university.

As in any new field, the transition to a digital economy is characterized by a shortage of qualified personnel. It must be admitted that this problem has always been relevant. We are facing staffing challenges. Because there is no reserve for a new industry, a new direction.

Today, each of us uses such services as copying and publishing the necessary information in electronic form.

For the accessibility of legislative acts of the Republic of Uzbekistan to the population, a legal information search system LexUz has been created.

With the help of UPS-computer technology, books are automatically scanned within a minute and their electronic version is displayed.

A key aspect of information technology is that it is concerned with the processing of data by computers. Therefore, the design of computers is not included in the definition, as well as the processing of data manually or mechanically.

IT is evolving at a rapid pace and anyone who chooses a career in information technology can face constant change. Information technology professionals often upgrade their skills as new technologies become available and older systems are retired.

All of the above allows us to say that over the years of independence Uzbekistan has become an active participant in the world's information resources, which are widely available to the population of our country. This, in turn, has a positive effect on the quality and rapid development of accessible information and the educational process.

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