

## THE EFFECTIVENESS OF THE USE OF INFORMATION TECHNOLOGY IN THE EDUCATIONAL PROCESS

Mustafaqulova Dildora Ismatullaevna & Eshmirzaev Gulomjon Yusupovich

Teachers of the Department of Defectology of the Faculty of preschool education of Jizzakh State Pedagogical Institute named after Abdulla Qadiri

### ABSTRACT

The article covers the directions of effective use of information technologies in the educational system. The effectiveness of the development of Information Technology, the ways in which aging and their application in education are presented, analysis has been carried out and suggestions have been developed.

### INTRODUCTION, LITERATURE REVIEW AND DISCUSSION

Today, our society, our whole way of life is so developed and accelerated that it can be viewed as a phenomenon that can not even be overlooked. The role of information and communication technology, which is rapidly entering our lives, is becoming increasingly important not only in production or other areas, but also in the educational system. Based on the optimal application of computer-based and traditional approaches in our country, it is important to achieve individuality and maximum effectiveness of correctional education, as well as to formulate the skills of selecting a suitable word in expressing a clear idea of the issues of using pedagogical technologies in the teaching process, the basis of the need for communication.

Further development of the Republic of Uzbekistan in 2017-2021 in five priority areas - in the fourth priority direction of the strategy of action, the broad reform of the system of continuous education necessitates revision of the rules of the development of public education and its positive solution in a short period of time<sup>1</sup>. The rapid development of the current information program is accompanied by a modern approach to the educational system and the educational process. That is, today, as the content and quality of education is changing and being updated as a result of progress, now we need to change and update the methods and means of teaching.

Increasing the country's potential by improving the sphere of Personnel Training has been defined as one of the important conditions for building a Democratic state in Uzbekistan, a strong civil society based on a market economy. Education is a key factor in reforming society and turning it into a more open to the outside world as well as a society focused on new technologies and knowledge. Education is an important tool in the policy of every state and it is its first consideration, the main factor affecting economic growth. Education includes all systems of economic, political, cultural, science, ecology. It not only determines and determines the prospects for the development of society, but also in advance the individual activity of each person. Education is a decisive factor in the preparation of individual individuals for the individual labor process, as well as new components of creative activity in the team, which increase the individual activity of each citizen and his sense of responsibility in the life of Labor and society.

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<sup>1</sup> Ўзбекистон Республикаси Президентининг – Ўзбекистон Республикасини янада ривожлантириш бўйича Ҳаракатлар стратегияси тўғрисида”ги ПФ-4947 [www.lex.uz](http://www.lex.uz)

On the scientific basis of the educational system and the effective use of information technologies, we can say that the development of economic relations in society also leads to scientific and technical development in accordance with it. Economist Daniel Bell touched on the post-industrialized economy and noted that the leaders in the new economy are not entrepreneurs or owners of industrial enterprises, but scientists, creators of new information technologies based on knowledge [2]. In this economy, information and knowledge as a resource of production go out into the field, scientific discoveries and developments serve as the driving force of the economy. According to Alan Grinspen, the deep penetration of information technology into all aspects of the economy will lead the modern economy to a situation that is drastically different from the previous one and will start a new information ERA in the science of Economics[3].

The rapid development of Information Technology and computers has led to the development of a society built on the use of various information. This society is now called an "informed society". An information society is such a society in which most of the members of the society are engaged in the development, processing, consumption, storage, processing and sale of information, especially its high form – knowledge [4].

Working with a computer simulator is also a convenient tool for strengthening the learned material. The principle of repeating tasks many times allows students to significantly activate the mastering of theoretical material. The abundance of illustrations materials, the variety of forms of help facilitate the process of work both for the teacher and for the pupils.

Among the advantages of the programs are the possibility of a stratified and individual approach to students, the development of the cognitive image of labor movements in them, the initiation of cognitive activity, the choice of adapting the volume of new information, the variety of forms and methods of cognitive control, the harmonization of processes of control and reinforcement of the material mentioned.

One of the important areas of application of information technology to educational processes is distance learning. Distance learning is a form of obtaining education (full-time, correspondence, extracurricular), supporting the means of information technology (computers, telecommunications, multimedia) and scientific-based teaching methods. [5].

Distance learning is a purposeful process in which the teacher and the learner interactively (dialogue), asynchronous or synchronous interaction and communication with the help of an educational tool are coordinated in terms of their spatial location, invariant and time [6].

The globality of the development of society is the basis for the development of large-scale relations between countries, economic systems and people. Global information networks (Internet, cellular and satellite communications) are becoming the main factor driving the development of countries by increasing the efficiency of modern economic relations with new types of vehicles, intellectual property, services and International Trade Development, ish labor force migration, investitsiyalar investment flow. The role and importance of modern information technologies in democratization and renewal of society, modernization and reform of the country in Uzbekistan cannot be overemphasized. Therefore, the development of National Information System in the field of information technologies in the Republic, mass introduction and use of modern information technologies, computer equipment, Internet and telecommunication tools in all spheres of life of society and economy, full satisfaction of the

growing needs of Citizens for information, expansion of access to world information resources are the main tasks.

In general, for the effective use of information technologies, increasing their effectiveness in educational processes, the development of distance education, we believe that the following should be implemented:

- it is necessary to ensure deep penetration of information technologies into the regions of the country;
- effective use of existing information technologies in places is necessary;
- it is necessary to establish wide cooperation with the world leaders on the development of distance education;
- for those who want to study in a foreign educational institution, it is necessary to split the possibility of distance education in our country and so on.

## REFERENCES

1. Daniel. B. "Gryadущее postindustrial'noe obshchestvo". M.: Akademiya. 2004.
2. Grinspen A. "Epoxa potryaseniya. Problemy i perspektivy mirovoy finansovoy sistemy". M.: Yunayted Press, 2010.- st. 550.
3. Aripov A.N., Mirzoxidov X.M. va boshqalar. Axborot kommunikatsiya texnologiyalari izohli lug'ati. – T.: "Raqamli rivojlanish dasturi", 2004.
4. Abduqodirov A.A., Pardaev A.X., Masofali o'qitish nazariyasi va amaliyoti. – T. "Fan", 2009, 46 b.
5. Gulyamov S.S., Romanov A.N., Alimov R.X., Toroptsov V.S., Xodiev B.Yu., Alimov K.A., Begalov B.A., Grigorovich D.B. Distantсионное экономическое образование. T. «SHark», 2004, s. 15
6. X.S.Akramova Aqli zaif o'quvchilarida axborot dasturlari vastasida umumiy mehnat ko'nikmalarini shakllantirish metodikasi. Pedagogika jurnali. – T.: 2019 y. 6 son.
7. D.Tangirova, D.Mustafaqulova. Aniq fikrni ifodalashda mos so'z tanlash malakasi. Bola va Zamon jurnal. T., № 2-2019 yil [www.facebook.com/bolavazamon](http://www.facebook.com/bolavazamon) [Bola-zamon@rambler.ru](mailto:Bola-zamon@rambler.ru)
8. X.Akramova. Zamonaviy mul'timedia vositalaridan foydalanish – muvaffaqiyat garovi. Bola va Zamon jurnal. T., № 2-2019 yil [www.facebook.com/bolavazamon](http://www.facebook.com/bolavazamon) [Bola-zamon@rambler.ru](mailto:Bola-zamon@rambler.ru)
9. X.Muzaffarova. O'qitish jarayonida pedagogik texnologiyalardan foydalanish masalalari. Bola va Zamon jurnal. T., № 2-2019 yil [www.facebook.com/bolavazamon](http://www.facebook.com/bolavazamon) [Bola-zamon@rambler.ru](mailto:Bola-zamon@rambler.ru)
10. G.Temurova. Muloqot ehtiyojining asosi. Bola va Zamon jurnal. T., № 2-2019 yil. [www.facebook.com/bolavazamon](http://www.facebook.com/bolavazamon) [Bola-zamon@rambler.ru](mailto:Bola-zamon@rambler.ru)