

## PROFESSIONAL TA'LIM TIZIMIDA AXBOROT KOMMUNIKATSION TEXNOLOGIYALARDAN FOYDALANISHNING SAMARADORLIGINI OSHIRISH YO'LLARI

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*Samarqand viloyati Jomboy tumani 2-son kasb-hunar maktabida Informatika va axborot texnologiyalari fani katta o'qituvchisi*

**Annotatsiya:** Maqolada professional ta'lim tizimida AKTdan foydalanish samaradorligini oshirishning ilmiy, pedagogik va innovatsion yo'llari tahlil qilingan bo'lib, bu borada professional ta'lim tizimida amalga oshirilayotgan islohotlar va ularning istiqbollari bayon qilingan.

**Kalit so'zlar:** Ta'lim, axborot kommunikatsion texnologiya, globallashuv, ta'lim sifati.

**Annation:** The article analyzes the scientific, pedagogical and innovative ways of increasing the effectiveness of the use of ICT in the professional education system, and in this regard, the reforms implemented in the professional education system and their prospects are described.

**Key words:** Education, information communication technology, globalization, quality of education.

Professor Erkki Aho, Chairman of the National Board of Schools of Finland, which has gained a place in the world with the effectiveness of education, emphasizes the importance of modernizing the educational process in accordance with the needs of the times: "Globalization process and digital technologies greatly change the situation in the labor market. has also changed, the problem of social and territorial inequality is threatening with growth, migration is weakening traditional cultural structures. That is why our survival strategy is being developed based on our educational resources and scientific research."

Today, reforming and improving the professional education system of our country, which is on the path of independent development, raising it to a new level of quality, introducing advanced pedagogical and information technologies into it, and increasing the effectiveness of education have risen to the level of state policy. For this reason, great attention is being paid to the training of qualified specialists in our Republic. Strengthening the material-technical and information base of the educational institution, enriching it with high-quality educational literature, textbooks, electronic study guides and lecture texts, and establishing electronic libraries are part of the issue of improving the quality of education. The other side is to be a qualified professional with sufficient computer literacy to use them in the classroom.

Opening a wide path to modern knowledge, having the ability to effectively use new information technologies in improving the education system opens the door to a wide range of opportunities for the teacher. It is known; Ms Word is used to create texts, lesson plans, images and other electronic documents.

2. Ms Excel is used in places where column presentations are required, such as drawing the differences between living and non-living organs.

3. Different types of presentations are created from the Power Point program.

4. High-quality images are created in Photoshop.

5. Animations are created with the Flash program.

Having information and communication technology literacy opens up new opportunities for teaching and learning for the teacher;

Information and communication technologies stimulate students and increase their interest;

2. Information and communication technologies help to prepare students for future activities;

3. Information and communication technologies create an opportunity to use their resources wisely;
4. Information and communication technologies save time and money by rationally managing and controlling the educational process;
5. Information and communication technologies are a flexible and unlimited data base;
6. Information and communication technologies provide convenient opportunities to use innovative technologies in classes;

With a creative approach to the educational process, Ms Word, Ms Excel, Ms Power Point, Photoshop, Flash, Movie.

Making classes interesting and effective by effectively using various software options like Maker has become a requirement of today.

The factors of development of information technology, computerization and computer networks are related to the need to develop both directions of computerization. For this, it is necessary to create a "concept of computerization" at all stages of the continuous education system, based on the legal documents adopted in this field. The service of Western scientists is incomparable in the study of the theory and methodology of introducing information and communication technologies to education, the methods of using Internet technologies in the educational process, and the problems of using distance learning technologies. Researched by such researchers as A. Berglund, D. Geladze, H. Long, M. Sugata, K. Whattananarong, P. Alfred, B. Means, W. Olatokun, K. Peters, J. Traxler, B. Furuholt .

Computer technologies develop the ideas of programmed teaching, open up new technological options of education related to the unique possibilities of modern computers and telecommunications. Computer (new information) technologies of education is the process of preparing information and transferring it to the learner, the means of its implementation is the computer, that is, the formation of the skills of working with information in students, the development of their communicative abilities. ; - preparation of the person of "informed society"; - providing students with information at the level and in sufficient quantity; - formation and development of research skills, ability to make optimal decisions in students.

Animations, educational films, virtual laboratories and presentations created using the programs presented above are tools that increase the quality of education. Their appropriate and purposeful use in the course of the lesson requires computer literacy from the teacher along with pedagogical competence. However, the results of observation, study and analysis of the educational process show that the computer literacy of teachers is not at the required level. So the lessons are organized in the old educational format. Students are deprived of unlimited educational resources. This problem in the educational system is observed in almost all educational institutions in the regions (province, district). Therefore, it would be appropriate to organize short-term practical training on the basis of computer literacy and innovation in vocational training institutions.

Also, in the direction of ICT, in the professional education system, work on the introduction of Smart technologies into the education system is being carried out rapidly. In particular, changing the structural structure of the professional education system in our republic in accordance with world standards and transitioning to state education standards based on the competency approach are the steps taken on this path. Also, a Smart classroom based on the most modern and innovative information and communication technologies, including large-format touch electronic boards, computers, students' tablets, a laser printer, a digital video camera and other ICT equipment was installed. It would be appropriate to implement the following measures to introduce these Smart technologies into the professional education system of our country in the future:

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- 2020-2025 is a very short period of time for technological upgrading. Therefore, to use the "quick start" method, that is, to study the requirements of the educational environment of Smart technologies and accelerate their introduction into the educational system of our country;
- Smart technologies are simple and convenient, do not require deep ICT literacy; — it is possible to enter new and additional information, enrich information, replace outdated information with new ones;
- the ability to create automatic settings for discs on which the program is written;
- to create electronic resources from various subjects in our republic in accordance with world standards, in a coordinated and systematic manner and, as far as possible, to adapt them to the general educational environment in cooperation with other countries (today, the language problem is not on the agenda, because it is a solved problem);
- without re-creating other open resources created around the world, translating and adapting the most appropriate of them and introducing them into the educational process;
- to accelerate the provision of educational institutions with technical means of Smart technologies educational environment.

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