



Issues of Improving Teaching of "Information Technologies in Education"

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ABSTRACT

The importance of the science of information technology in education is very great, and it consists of laws and decrees on the process of informatization of education, the use of advanced pedagogical technologies in the teaching of science, the formation of information culture of students studying in all areas of education, and the establishment of a new qualitative stage of the use of information and educational technologies.

Keywords:

Information technologies in education, informatization of education, information and communication technologies, increasing educational efficiency

Introduction

As we all know, "Information technologies in education" is a complex scientific field of interdisciplinary nature and plays an important role in the development of other scientific fields. Therefore, it is recognized as a science that performs an integrative function in science and technology and educational systems. Since the first years of independence in our country, special attention has been paid to the problems of informatization and the use of information and communication technologies in education. All these problems are considered by the state and are reflected in the decisions and decrees, in particular, on the basis of the "State program for the development of computerization and information and communication technologies for the years 2002-2010", the organization of methods and tools for the use of information technologies in educational processes in the educational institutions of the Republic, distance learning and a number of activities aimed at holding computerized conferences, creating electronic textbooks and using them in the educational process, prestigious projects on educational reform, and scientific research were carried out.

The future of every society is determined by the level of development of the education system, which is an integral part of it and a vital necessity.

Today, reforming and improving the continuous 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 to it, and increasing its efficiency have been raised to the level of state policy. With the adoption of the new law "On Education", along with the regulation of relations in the field of education, the basis of modern personnel training was created through the continuous education system. Today's task of education is to teach young people to be able to work independently in the conditions of an information-educational environment that is increasing day by day, to use the flow of information wisely. While the Republic of Uzbekistan is on the way to building a democratic, legal and civil society, the main goal and driving force of the reforms implemented in the field of education is to educate a well-rounded, well-rounded person. In addition, the educational system plans to

develop new pedagogical and information technologies and apply them to the educational process, as well as solving urgent problems such as improving the provision of information technologies in continuous education. By widely introducing new information and communication and pedagogical technologies, electronic textbooks, and multimedia tools into the educational process, we will radically improve the quality of teaching in our country's schools, vocational schools, technical schools, lyceums and higher educational institutions, and create an effective system for material and moral stimulation of the work of teachers and trainers. Further development remains the demand of today. The head of our country is also committed to qualitatively updating the content of the educational system, as well as training, retraining and improving the skills of professional personnel, improving the teaching methodology, gradually implementing the principles of individualization in the educational process, introducing modern information and communication technologies and innovative projects into the field of public education. emphasized that a lot of attention should be paid to strengthening the material and technical base for their implementation.

At the same time, a number of decrees on the introduction of modern information technologies were developed: among them, the decision of the President of the Republic of Uzbekistan dated April 18, 2018 "On organizational measures for the implementation of innovative projects and rapid integration of departmental information systems" No. PQ-3673, 2020 PF-60 of the President of the Republic of Uzbekistan dated January 28, 2022 "On the approval of the "Digital Uzbekistan - 2030" strategy and measures for its implementation" dated October 5, 2022 In accordance with the decree, a number of decrees and decisions can also be cited, such as the implementation of priority tasks for bringing the field of information and communication technologies to a new level.

Materials and methods

Therefore, students who joined academic lyceums and vocational colleges and entered the technical departments of higher

educational institutions, learned them as the subject of "Information technologies in education". It is important to achieve a unified approach to teaching "Information technologies in education" in the educational institutions of our republic. In this regard, I believe that we should focus on equipping the material and technical base of educational institutions with modern computers, raising the quality of the educational system to a new level, as well as forming their information-educational environment. Development of a unified concept of teaching "Information technologies in education";

- to determine specific goals and tasks and limits in teaching "Information technologies in education" in professional education and higher education.
- to support the key sections of the science, taking into account the professional direction of the future specialists in the model programs developed on the subject, the work programs based on them;
- at the expense of expanding the material and technical base of educational institutions, giving each student the opportunity to use a computer and perform independent work on it;
- development of science teaching taking into account pedagogical technologies, methodology, mastery principle, independent learning;
- to take into account the effective use of Internet resources in the process of teaching science;
- full satisfaction of students' information rights and needs;
- development of positive ability of students and stimulation of this ability. Also, in order to expand their worldview in teaching "Information technologies in education", in order to gain a deeper understanding of individual departments of the science, they should be given the right to organize independent educational work, or to choose special courses and departments and to study them more widely. The most important of the above-mentioned issues is to create all the conditions for students to effectively use the world information infrastructure market and to prepare competitive personnel by using

advanced pedagogical technologies in teaching science and fully forming the information culture of students.

Result And Discussion

In order to meaningfully teach "information technologies in education" and effectively use global information resources, the issues of further enrichment of the material and technical base of educational institutions are of particular importance. To carry out such processes:

first, to collect, master, and effectively use information technology resources. It is appropriate to set the following priority tasks as the main goals in teaching "Information technologies in education":

- Effective use of modern information technologies in the process of teaching "Information technologies in education" and improving the quality of training of future specialists in education;
- use of active methods of teaching, increasing creative and intellectual activity of students in the educational process;
- coordinating the relationship between students' personal abilities and computer-based teaching technologies;
- further improvement of software and methodical support of the science necessary for student learning;
- to create appropriate conditions for independent learning of each student.

Conclusion

To further improve the teaching of "Information technologies in education":

- Development of internal programs suitable for educational areas;
- Effective use of innovative technologies and active methods in lectures;
- Conduct practical and laboratory classes in modern rooms equipped with computers;
- It is necessary to develop and organize independent educational tasks, taking into account the direction.

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