

Integration of Technological Content in Ensuring the Quality of Information Technologies in Education

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Abstract: Education is the backbone of modern society. The educational system is related to the knowledge that becomes information, because this information serves as a resource for modern technologies and production. Education forms human capital, which includes knowledge and skills.

Keywords: role of modern, advanced pedagogical technologies in education, information communication system, ICT and multimedia tools, use of computers, absolutization of technological content.

Today, in Uzbekistan, a lot of work is being done in order to increase the efficiency of education and the quality of personnel training, to train qualified specialists. Experiences of mature experts from foreign countries are being promoted to the public. In order to improve the quality of education, modern technologies and non-traditional methods are widely used by advanced pedagogic personnel. Ensuring that the independent Republic of Uzbekistan occupies a place among developed countries depends on training the young generation as a perfect person and qualified specialist.

Expanding the scope of introducing new pedagogical and information technologies into the educational process, applying best practices in this direction, drawing up and implementing specific plans in this area for each subject, transferring textbooks and training manuals as well as programs and lecture texts to electronic diskettes, with which every student It is important to achieve the provision of scientific and scientific-methodical works, as well as to achieve the widespread introduction of modern pedagogical and information technologies in the educational process, to provide the educational system with the necessary information tools, and to connect educational institutions to communication networks.

Pedagogical technology is the optimal organization of teaching processes. The choice of educational materials, reworking, changing the form and size according to the power of the pupil or student, and the features of mastering, are also related to educational technology. Pedagogical technology, in turn, is a system of developing and improving educational processes, content, methods and tools of education based on the objective laws and diagnostic goals of education, that is, an educational process that incorporates the innovations of science and technology.

The idea of technologicalization of the education system was first introduced in the beginning of the last century in Western Europe and the USA during the social movement to reform the education system, increase the effectiveness of education, and create certain conditions for ensuring the socialization of the individual.

This idea was based on the introduction of the concept of —pedagogical technique (educational technique) to the educational process in the 1930s.

In the special literature created during these periods, the concept of "pedagogical (educational) technique(s)" was interpreted as "a set of methods and tools that help to clearly and effectively

organize educational activities" it was estimated that cases such as explaining the content with the help of instructional tools are factors that help to increase the effectiveness of education.

In the 50s of the 20th century, the use of technical tools in the educational process was recognized as a factor determining the direction of "educational technology", the main focus was on expanding the audience of students through the use of technical tools, further improving the capabilities of technical tools, expanding their information capacity, using technical tools focused on issues such as increase, quality organization of information transfer service, individualization of education

The object of the research conducted in this regard, the possibilities of technical tools and the process of their improvement were accepted as a base point, thus special emphasis was placed on the study of the organizational aspects of "technologicalization" of the educational process. Finding solutions to didactic issues in pedagogical technology is an important step in the implementation of the national program. If the pedagogue has in his hands students who are hungry for knowledge, programs, textbooks and manuals with content suitable for the purpose of the subject, he can effectively use the organizational forms of cognitive activity to implement the new pedagogical technology consistently and sequentially for the successful implementation of the didactic process.

Modern pedagogical technology has its own theory related to pedagogy and other scientific achievements: it is primarily aimed at building the educational process on a scientific basis, it creates a foundation for the joint activity of teachers and students based on the wide use of teaching information and didactic materials, active methods. Education is a part of the social system, which changes in its development in accordance with most of the changes taking place depending on the directions of the development of the society. In this context, innovation is one of the main conditions for the successful implementation of educational tasks

It can be said that the use of pedagogical technologies in education provides an opportunity to solve several issues in the course of the lesson. The main of these is that it develops students' communication skills and abilities, helps establish emotional relationships among students, ensures the fulfillment of educational tasks by teaching them to work as part of a team and listen to the opinions of their peers[1].

In accordance with the 2021 State Program, a training system for improving the skills of teachers of informatics and information technologies in programming languages and improving the ICT literacy of school principals is being launched.

Therefore, he is mature and competent in achieving such goals, approaches every issue constructively and creatively from the point of view of national interest, is able to do comparative analysis, factual and analytical thinking, sees history, time and future as an interrelated dialectical phenomenon, is able to perceive, There is a need for personnel who have the ability to express their independent opinion on any issue, as well as have modern knowledge, skills and professional experience.

In addition, such requirements impose on the educational system the task of training potential personnel as mentioned above. In this regard, such noble goals lie at the root of the reforms that are being carried out consistently in the education system.

Also, the development of new models of educational services has become a priority in our country, in order to increase its efficiency by introducing innovation into the educational system, to open the way to its individualization and effective use of educational services. In this regard, extensive work is being done in our country

It is important to organize a learning process that leads to an effective result in the teaching of each subject. To achieve an effective and guaranteed result, each teacher-pedagogue should be based on the following three-step mechanism:

1. A clearly defined goal is to properly organize the lesson based on the topic, to cover the topic completely and consistently, to organize and manage the students' activities, to assess the extent to which the students understood the topic during the specified time, to assess whether they performed the educational task correctly, as well as if there were mistakes if it is placed, it is understood that it will be prepared in advance for strengthening measures.
2. Educational tools are auxiliary materials that provide a visual presentation of educational material and at the same time increase the effectiveness of teaching.
3. Rules and principles - compliance with the rules of the state educational standards, the charter of the educational institution, regulatory and legal norms in general, as well as the compliance of the teaching staff with their own rules for the classroom environment. As in every field, the use of innovative approaches in the process of higher education, the technologicalization of education in order to achieve an effective and guaranteed result is the need of the hour today.

Technologization of education is a pedagogical direction that researches and reveals the laws of the most optimal ways and effective means of achieving educational goals based on a technological approach to the teaching process. The method of teaching is a method of orderly organization of the mutual activities of the teacher and the students in order to achieve the specified educational goal. The main rule for choosing methods: choose the direction that corresponds to the educational goal, not different. Model of educational technology:

- 1) determines the structure of the training session;
- 2) formulates the purpose of the training session, determines the expected results of the training activity and defines the pedagogical tasks [2].

The use of modern pedagogical and information technologies makes it possible to determine the following main directions of the educational system: ensuring the improvement of mastery in all subjects taught in the educational system; in the educational system, increasing attention to the processes that allow students' ability, talent, independent thinking, formation of communicative skills, development of knowledge in subjects, formation of skills and abilities. widespread use of pedagogical and information technologies in conducting automated tests, evaluation and management to control student knowledge, i.e. increasing the effectiveness of the pedagogical process [3].

Studying, analyzing and summarizing advanced pedagogical experiences and implementing the achievements of pedagogical-psychological sciences, improving the content and methods of educational processes by using the possibilities of modern pedagogical and information communication technologies are considered important directions in introducing innovation into the educational process of higher education institutions.

This, in turn, is a lecture (problematic lecture, lecture-seminar, virtual-technological lecture, visual lecture, binary lecture, introductory lecture, lecture-conference, informative lecture, lecture-debate, interpretive lecture, on -Line lecture) training, video training, webinars, internet conferences, and as innovative teaching methods, problem-based methods, interactive methods, practical games, educational projects, portfolios, graphic organizers, information and communication technologies are needed[4].

LIST OF REFERENCES:

1. Sh. Mirziyoev. About the measures for the development of the spheres of education and science in the period of new development of Uzbekistan. Tashkent city, November 6, 2020, Decree No. PF-6108.
2. Sh. Mirziyoev. On measures to further improve the educational system in the field of information technology, develop scientific research and integrate it with the IT industry. Tashkent city, October 6, 2020, decision No. PQ-4851.
3. Nomozov F.Sh., associate professor, Aminov I.B. Use of pedagogical and information technologies in improving the quality and efficiency of education
4. Innovative educational technologies / Muslimov N.A., Usmonboeva M.H., Sayfurov D.M., Toraev A.B. - T.: "Sano Standard" publishing house, 2015. - 150 p.