

## **Introduction of Advanced Pedagogical and Innovative Technologies in the Educational Process and Mechanisms to Improve the Quality of Education**

**Ibragimov Anvarjon Jahongirovich**

Lieutenant Colonel Senior lecturer of the socio-economic and humanitarian faculty of the Higher Military Aviation School of the Republic of Uzbekistan

**Abstract:** The system of introducing pedagogical and innovative technologies into the educational process of new Uzbekistan is based on modern methods and technological trainings that help to increase the effectiveness of teaching students the development of logical, intellectual, creative, critical, independent thinking, the skills of a competitive, mature personality and educate professional qualities needed by the specialist.

**Keywords:** pedagogy, innovations, technology, teacher, education, listener, efficiency.

We, teachers, are well aware that dozens of important decrees, decisions and programs have been adopted aimed at facilitating and systematizing teaching and learning technologies. We are confident that the law “On Education” adopted yesterday will undoubtedly open up new horizons in the development of this sphere. In accordance with the law, distance, inclusive forms of education have been introduced, and educational institutions are allowed to create joint faculties and training centers with foreign universities. Teachers were also given the right to introduce author's programs and teaching methods, to freely choose modern pedagogical forms, methods of teaching and education.

According to the President, “Under the right of youth, we understand, first of all, their full right to live in peace and health and receive education. Therefore, it is always a priority for us that our young generation grow harmoniously, receive a quality and excellent education.” Sh. Mirziyoyev.

If we turn to history, we will see that our Motherland, located at the crossroads of the Great Silk Road, has always been one of the centers of high civilization and culture. The rich scientific and cultural heritage of our people, ancient stone inscriptions, priceless architectural monuments, rare manuscripts, various artifacts testify to the deep roots of our three-thousand-year-old statehood. Teachers have such authority that ministers can only dream of such authority.

The teacher must behave in such a way that his every action is disciplined, and he must always know what he wants and what he does not want. Who can he raise if he doesn't know it? (A. Makarenko)

The student is considered as a person in the learning process, the use of various pedagogical technologies and modern methods, the ability of students to think independently, research, creative approach to each issue, a sense of responsibility, search, analysis, effective use of scientific literature and computer technology, most importantly, it is important to strengthen their interest in science and their chosen field, as well as respect for the teacher.

The results of numerous pedagogical experiments conducted by various researchers in educational institutions confirm that interactive methods and pedagogical technologies are very useful in the implementation of such tasks. Therefore, it is important that teachers working in educational institutions know how to use innovative technologies in their field in a timely manner.

For more effective training and education of the audience, it is necessary to use innovative and information technologies, using the ideas and views of our scientists of the past.

Regular analysis of modern pedagogical technology is based on such principles as the possibility of choosing the most appropriate design tools (teaching methods), preliminary analysis of the desired result (achievement of the goal), ensuring the integrity of the educational process. technologies in the educational process, especially the creation of a modern system of pedagogical technologies of our systematized educational process using the experience of pedagogical technologies in foreign countries. country.

To form a new Uzbekistan, the educational process should be carried out on the basis of the requirements of innovative creative ideas, which are constantly updated taking into account the possibilities of internal reception of the younger generation and new approaches of teachers:

- introduction of a certain level of education through a qualitative and innovative approach to the field of education;
- it is necessary to take into account the effectiveness of the educational process and feel that the costs of using new information in the educational process will certainly be maximum;
- achieving this by increasing the teacher's responsibility in educating a spiritually mature generation armed with independent thinking.

The solution of these problems leads to the technologization of the learning process, the development and implementation of innovative learning technologies.

Innovative technologies are innovations and changes in the pedagogical process and activities of teachers and students, the implementation of which mainly uses interactive methods:

- the stage of application of new pedagogical techniques (methods);
- Invention according to the text of the report - the stage of innovation;
- the stage of the ability to apply the created innovations in practice and feel them in the audience;
- the stage of wide dissemination of any innovations in the field of education and their widespread use among students;
- the stage of dominance of a new approach in education.

The formation of the educational process in higher education institutions and the introduction of a new system, as well as the use of modular learning technology, collaborative learning technology, didactic game technology, problem-based learning technology, its effective participation in clearly reflecting new approaches in all areas have been developed.

The use of modular learning technologies to develop students' ability to independently work with textbooks, popular science and additional literature, creative and independent thinking, as well as the introduction of audio guides and online distance learning into the education system clearly increases competition with developed countries. catches the eye. The introduction of modular learning technologies, audio aids and an online distance learning system is clearly manifested in the creation of specific aspects of independent research and educational activities of students, the achievement of the intended goal through creative work and learning.

The use of educational standards of developed countries and methods of teaching technology in cooperation with foreign universities in the educational process to teach each student diligence, creative and independent thinking, to cultivate conscious independence as a person, to instill in

students a sense of strengthening confidence in their own strengths and abilities means the formation of a sense of responsibility in learning. Collaborative learning technology prepares each student for academic success, diligent mental work, high-quality performance of assigned tasks, and thorough assimilation of educational material.

Expansion of the sphere of introduction of modern pedagogical technologies in higher education, the introduction of advanced pedagogical experience in this area, the development and implementation of specific plans in this area for each subject; The most important task is the preparation of textbooks, manuals, programs, lecture notes, the development of a wide introduction of modern information technologies in scientific and methodological work, the educational process, providing them with information and connecting to communication networks.

In general, every teacher working in the higher education system uses the following modern pedagogical technologies, namely:

- Scientific and theoretical foundations of modern pedagogical technologies;
- the history of the development of the concept of pedagogical technologies;
- have an idea about the technological approach to the educational process;
- Didactic laws of pedagogical technologies;
- Advanced learning technologies related to the subject being taught;
- planning the didactic process within a certain time frame;
- to know and be able to apply active teaching methods;
- Setting homework in the form of target, diagnostic and specific types of learning elements, the logical structure of technological projects, correction;
- development of recommendations on learning objectives;
- the condition of having the skills to design test tasks in accordance with the level of activity of students;
- use of the Internet computer network;
- have the skills to use e-mail in the educational process;
- knowledge of rating control and objective assessment of students' knowledge.

But enriching the curriculum with teaching methods should not violate the education system and logic. Modern pedagogical technologies create certain opportunities for collecting information and using it in the classroom, which allows developing the creative abilities of students. This information determines the content of the information support of the foundations of science and the ability to manage creative methods. The effectiveness of the process of preparing students for creative activity largely requires that it has information support and that the directions of pedagogical management are systemic, not boring and continuous. Thus, the development of science and scientific and technological progress are interdependent, and the information support of the process of organizing creative activity includes, to a certain extent, the direction of management.

**Фойдаланилган адабиётлар:**

**Использованная литература:**

**References:**

1. Ўзбекистон Республикаси Президенти Ш.М.Мирзиёевнинг 2020 йил 30 сентябрь “Ўқитувчи ва мураббийлар” кунига бағишлаб ўтказилган маросимдаги нутқи.
2. Мирзиёев Ш.М. Буюк келажакимизни мард ва олижаноб халқимиз билан бирга курамиз. – Т.: “Ўзбекистон”.
3. Каримов И.А. Юксак маънавият- энгилмас куч. –Т.: "Маънавият", 2008.
4. Ишмухамедов Р. Ўқув жараёнида интерфаол услублар ва педагогик технологияларни қўллаш услубияти. Услубий кўрсатма. – Т.: РБИММ, 2008. – 68 б
5. Толипов У., Усмонбоева М. Педагогик технологияларнинг тадбиқий асослари. – Т.: 2006.
6. Жуманиёзова М.Т., Ишмухамедов Р.Ж. Таълимда педагогик технологиялардан фойдаланиш. Устоз ўқитувчилар учун ўқув-услубий қўлланма. – Т., А.Авлоний номидаги ХТХКТМОМИ, 2010, - 218 б.