

DEVELOPMENT OF INNOVATIVE TECHNOLOGIES IN THE PROCESS OF PEDAGOGICAL ACTIVITY

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Abstract: *In this article, stable, universally accepted scientific ideas about innovations and innovative activities in the educational process and classifications of innovative pedagogical activities are presented, and by their nature, pedagogues need to learn innovative activities. The basics of the acquisition of knowledge, skills, skills, and the decision of an innovative approach in them are explained.*

Key words: *education, innovation, pedagogical technology, pedagogical activity, spirituality, innovative methods, pedagogical software tools.*


Абстрактный: *В данной статье представлены устойчивые, общепринятые научные представления о инновациях и инновационной деятельности в образовательном процессе и классификации инновационной педагогической деятельности, по своей природе педагоги должны овладеть инновационной деятельностью. объясняются навыки и решение инновационного подхода в них.*

Ключевые слова: *образование, инновация, педагогическая технология, педагогическая деятельность, духовность, инновационные методы, педагогические программные средства.*

Annotatsiya: *Ushbu maqolada ta'lim jarayonidagi innovatsiyalar va innovatsion faoliyat haqida barqaror, hammaga ma'qul bo'lgan ilmiy tasavvurlar va innovatsion pedagogik faoliyat tasniflari keltirib o'tilgan va o'z mohiyatiga ko'ra pedagoglar tomonidan innovatsion faoliyat o'rganish uchun lozim bo'lgan bilim, ko'nikma, malakalarining o'zlashtirilishi, ularda innovatsion yondoshuvni qaror topishi asoslari yoritib berilgan.*

Kalit so'zlar: *ta'lim, innovatsiya, pedagogik texnologiya, pedagogik faoliyat, ma'naviyat, innovatsion metodlar, pedagogik dasturiy vositalar.*

In the current era of information technologies, the use of innovative and electronic programs is gaining importance in improving the quality of the education system. In addition, advanced methods of study and learning, remote organization of the educational process, effective use of information and communication technologies for the innovative development of higher education, and development based on mastering educational platforms are envisaged. The development of science



and modern technologies should be decided in order to realize the socio-economic development of the Republic of Uzbekistan.

In order for the Republic of Uzbekistan to enter the world markets and take its rightful place there, it is necessary to form an economic system that makes use of scientific achievements on a large scale and can produce competitive products. In order to perform such a responsible task perfectly, great importance is being attached to the rapid development of the national science and personnel training system. Innovation, research and new ideas and activities in accordance with the requirements of the times are the most important issues in the modernizing Uzbekistan. As our President noted, in this period of rapid development, the country that relies on new ideas, new ideas and, of course, innovation will win. Modern educational development has brought a new direction - innovative activity to the field. By the 21st century, which is considered to be the age of information - highly developed technologies, the attention to the issue of wide introduction of innovation in the educational process has increased. In Uzbekistan, in recent years, innovation entered the education system as one of the first compared to other fields.

The adoption of the Law of the Republic of Uzbekistan "On Innovative Activities" on July 24, 2020 "stimulated the development of science, enlightenment and the digital economy. Education and training, science, health care , the issues of culture and art, sports development, the conditions created for young people to acquire deep knowledge, master foreign languages and modern communication technologies are being implemented to further increase the intellectual potential of today's young generation.

Discussion and results:


The centuries-old experience of human history has shown that any society without good ideas and a healthy ideology cannot go far. Therefore, thanks to independence, our country has set itself the noble goals of establishing a free and prosperous Motherland, a free and prosperous life, becoming one of the developed countries, and building a democratic society. Reforming and improving the education system of our country is one of the priority tasks in the current so-called "Digital Age". This is the current period of educational literature on the subject of high-quality specialists

Feedback

Side panels

History

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Taking into account the demand for contributions and the latest achievements of science, updating requires the introduction of innovation and educational technologies into the educational process.


Nowadays, everyone knows that information is an integral part of today's modern life. The main task of sorting is to sort this information according to several parameters based on the needs of the user, to create an opportunity to use information quickly and efficiently. It is known that the application of innovations and advanced foreign experiences in the process of teaching each subject is considered one of the urgent issues of today. In today's practice, there are differences between the words novelty and innovation. Innovation is the latest achievements, knowledge, and methods in this science. These achievements, knowledge, and methods become innovations when they are applied in practice.

It is not a secret to anyone that today the classical teaching technologies are focused on spiritual and moral education. Because today, one of the main issues is to improve educational efficiency with the introduction of innovative, interactive, pedagogical, case technologies in specialized subjects. The use of innovative teaching methods is characteristic of the individual teaching method. According to pedagogic scientists, 3 years is enough time to acquire an individual style. Having different methods, approaches and directions of teaching leads to the effectiveness of education and upbringing. In this regard, the questions of the formation of the most optimal and effective methods and methods of the implementation of pedagogical activity by the teacher, the formation of his individual style, and the issue of ensuring his high efficiency become relevant. A correctly found method that determines the seriousness of the teacher's individuality contributes to democracy, the effectiveness of pedagogical influence on students, effective communication of the participants in this process, and maximum disclosure of the individual potential of each student. The requirement of modern education is not to give students as much knowledge as possible, but to teach them to learn by themselves, not only to know, but also to be able to work with the received information.

Pedagogical innovations are based on two main approaches:

A student-centered approach considers the orientation of the learning environment to the individual student. Modern pedagogy should take into account the unique experience and character of each student, develop his individuality and talent. The implementation of this approach includes reliance on the principles of choice (students can choose the field of their choice), trust (absence of self-imposed pressure from the teacher), creativity and success, subjectivity, individuality;

The individual style of pedagogical activity is manifested as follows:


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1. in temperament (reaction time and speed, individual pace of work, emotional sensitivity);
 2. nature of reactions to specific pedagogical situations;
 3. selection of teaching methods;
 4. selection of educational tools;
 5. Pedagogical communication style;
 6. reaction to actions, students' actions;
 7. behavior;
 8. giving priority to certain types of rewards and punishments;
 9. use of means of psychological and pedagogical influence on students.

Developmental goal: creative application of acquired knowledge, skills and abilities, independent work, development of skills.

When using the strategy in training, you should pay attention to the following:

- Encouraging students to think broadly within the framework of the problem, to achieve logical opinions by them
- The opinions expressed by each pupil (student) are encouraged, the most appropriate ones are selected from among the opinions expressed, the encouragement of opinions leads to the birth of new ideas.
- Each pupil (student) can base his personal opinions and change them, summarizing, categorizing or changing previously expressed opinions prepares the ground for the formation of scientifically based opinions. During the training, it is not allowed to control the activity of the pupils (students) on the basis of standard requirements, to evaluate the opinions expressed by them (zero, if the opinions are evaluated, the pupils (students) focus on protecting their personal opinions, as a result new ideas are not put forward, the main goal of using the method is to encourage pupils (students) to think broadly about the problem and refrain from evaluating them).

Among the modern innovative directions of the development of pedagogical education, it is possible to distinguish the private innovative theory, the developments in the field of personal (private) oriented education, the organizational-structural model of education, the development of the multi-level system of education. At the core of the reforms being carried out in our republic today, educating the young generation, especially ensuring that they can use the most modern techniques and technologies, is one of the most urgent problems. Therefore, the role and importance of modern teaching methods - interactive methods, innovative technologies in the educational process of educational institutions is incomparable. Pedagogical



technology and knowledge and experience of their use in education provide students with knowledge and mature skills.

The concept of personalized education is based on a cultural-historical and active approach, and today the work of our own Uzbek scholars is of particular importance. One of the leading ideas of this concept is to understand the role and place of subject preparation in pedagogical education, the main goal is to teach the subject as a means of developing students with the mastery of subjects.

Another idea of this concept is related to the construction of educational forms, in which the educational process is considered as a single process, (private learning activity) in which the understanding of the material and the research work take place together. is formed as a personal pedagogical position of the pedagogue. In this approach, the main requirements are as follows: the person is the main wealth for himself and for others, in which education is a process aimed at changing the person as a holistic pedagogical process in higher education.

The main result of such education is not the acquired knowledge, skills and abilities, but the ability for personal growth, empathic interactions and high social activity aimed at personal effectiveness. In order to realize the future of life, a person consciously re-establishes self-activity, and for this, education uses process capabilities. In particular, this process is the period of student age, the period of youth is an important stage for starting this process. The next idea of this concept is related to the development of pedagogical subjectivity: the student passes through the position of "learner", "reader", "teacher".

Since time immemorial, the value of knowledge has been high. Knowledge is an immortal property. This is the main way of civilization. As the first President Islam Karimov stated: "We were born from the reality that the 21st century in which we live is an age in which intellectual wealth, high knowledge and potential are required, and these values are given priority."

We would like to conclude that we should try to make our children breadwinners, improve their lives and be happy, as our president said, we should educate young people who think in a new way, who have modern knowledge, who are competitive, who are wise.

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