

INNOVATIVE TECHNOLOGIES AND EDUCATION

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Abstract

This article highlights the essence and role and importance of the use of innovative pedagogical technologies in education in improving the quality of Education. Also, this article reflects on the effect of the application of innovative pedagogical technologies in the educational process and offers proposals for a new approach to the educational process in higher educational institutions.

Keywords: Innovation, pedagogical technology, quality of education, IT specialists, innovative approach.

Introduction

The role of the educational system in accelerating the socio-economic development of our country and ensuring its economic security is incomparable. Of particular importance in the world is the issue of ensuring the quality of education among global trends such as the internationalization of education taking place in the educational system, the international mobility of students, the rapid variability of the educational program. The high requirements for modern socio-economic conditions and the spiritual and moral, intellectual and professional potential of future specialists set the task of training educational institutions with quality personnel capable of meeting international requirements. And on the way to completing these tasks, the use of innovative pedagogical technologies in education is required. But modern experiments on the reform of modern trends in the educational system, especially innovative pedagogical technologies that are used in the educational system in developed foreign countries, are being mastered relatively slowly.

Innovative technology is a system of modern organization of the educational process, which provides the necessary quality of education and is a consistent method of creating and implementing teaching processes in technical and human factors, the means of their joint actions, which meets the requirements of accelerated scientific and technical progress, aims to improve educational forms. The use of innovative pedagogical technologies in the educational process is considered a requirement of the period.

Innovative technology-systematic technologies for the creation, application and identification of the processes of training and knowledge acquisition, which set the task of optimizing educational forms taking into account technical resources, people and their interaction.

Taking classes using new innovative technologies in the educational process, taking classes using laboratory rooms equipped with the latest techniques, bringing information about the latest innovations in specialist science, such as chemistry, and bringing examples from world experience will be an impetus to educate students in the spirit of innovating.

In our opinion, in the educational process, students are first stimulated by interest, motivation, and then, when a competitive environment is created, their latent abilities in creating innovation are awakened, and of course, the intended goal is achieved if stimulation is carried out. The goal would have been achieved sooner if students were given an example from people who have made progress in creating science and innovation, if possible by inviting one of them to a class as an example person, or if the Center for innovation was allowed to allow students to go on excursions.

We believe that if we organize an excursion of students to the innovation fair and IT parks in the area, we will increase the achievements in connecting theoretical knowledge given in education with practice.

We have already established in our institutions the sending of students to practice in production enterprises and factories in our country in accordance with their specialty. But our proposal was that the scientific and research institutions of the Academy of Sciences of the Republic of Uzbekistan would have encouraged talented students by inviting a representative to the institute as an honorary guest and hearing their speeches in person at the seminar.

Innovative education (Eng. "innovation" - innovation, invention) is an education that provides an opportunity for the formation of new ideas, norms, rules in the learner, adjectives, qualifications related to the natural adoption of progressive ideas, norms, rules created by other individuals.

Technologies used in the process of innovative education are referred to as innovative educational technologies or educational innovations. Since the teacher organizes a lesson based on innovative technologies, it is also possible to use various technical tools (computer, projector, electronic whiteboard, etc.), take a lesson based on interactive methods. Innovative technologies arise from the fact that the teacher is not satisfied with his activities, trying to innovate in improving it.

"The renewal of activities is carried out in 3 stages, that is, in the stages of preparation, planning and implementation" was the famous educator A. Nikolskaya.

From innovative technologies, the main goal is to achieve teacher and student cohesion, to interest students in science, to change the attitude towards education, to have the skills to be able to apply the learned knowledge in social conditions, to harmonize information communication technologies and didactic materials with the subject.

Currently, in the educational process, interest in the application of interactive methods, innovative technologies, pedagogical and information technologies in the educational process, attention is gaining strength day by day, one of the reasons for this is that until then, in traditional education, a student is taught to master only his ready-made knowledge, while modern technologies teach students to search for the knowledge Knowledge, experience and

interactive techniques regarding pedagogical technology and pedagogical skills ensure that student-students have an educated, mature qualification.

Innovative pedagogical technologies are very important in the educational process for the training of modern specialists-personnel, which will be in demand in the labor market even in the future.

For the training of modern personnel, the educator himself, using the tools of modern ICT, is required to be aware of the achievements of the latest science, the innovations of the field in which he is imparting knowledge, and to take a lesson on the basis of the latest pedagogical technologies.

When working on the basis of innovative pedagogical technologies, the teacher should have an understanding of innovative activities. In essence, innovative activity consists in creating a new improved product based on scientific research, development, conducting experimental and test work, using the achievements of Science and technology. The innovative activity of an educator is determined by:

- readiness to apply the novelty;
- adoption of pedagogical innovations;
- the degree of Innovator; - the development of communicative ability;
- creativity.

An innovative activity is an activity aimed at solving complex problems that arise as a result of the non-conformity of new social requirements with traditional norms or the negation of existing ideas of newly formed ideas.

References

1. President of the Republic of Uzbekistan PF-5264 decree of November 29, 2017 "on the establishment of the Ministry of innovative development of the Republic of Uzbekistan".
2. On November 30, 2017, PQ-3416 was the decision of the president of the Republic of Uzbekistan to establish the activities of the Ministry of innovative development of the Republic of Uzbekistan.
3. Saint-Gulov N.X, Musayeva N.N. Textbook "new pedagogical technologies" 15-20b.
4. N. A. Muslimov educational and methodological complex" innovative educational technologies and pedagogical competence". Tashkent: 2016. 30-31b.