

EDUCATION SYSTEM REFORMS, SPECIFIC ASPECTS OF REFORMS IN THE FIELD OF SCIENCE AND INNOVATION.

Umarov Abdurasul Abdurakhimovich

Doctor of philosophy of technical sciences (PhD), senior lecturer of the Department of "Mechanical Engineering Technology" of Tashkent State Technical University

Abstract: *In this article, the reform of the education system in the Republic of Uzbekistan allows us to achieve specific knowledge and ideas from innovation. Including information on how each person can contribute to the development of the education system.*

Key words: *Reform, innovation, principles, perspective, platform, inclusive, innovative, enlightened, mechanism, concept.*

Introduction

Today, all areas of the life of New Uzbekistan have become a field of deep reforms. In this process, it is impossible not to talk excitedly about the changes in the education system, which is considered the basis of the social sphere. In recent years, practical work on the organization of all stages of the education system based on modern requirements has entered a decisive stage in our country.

As the President noted: "The more educated our children are, the faster the economic sectors based on high technologies will develop, the more social problems will be solved." Therefore, if I say that the threshold of New Uzbekistan starts from the school, I think that our entire nation will support this idea."

The main part of the reforms implemented in the field of education is, of course, reforms in the higher education system. In particular, to determine the priorities of the systematic reform of higher education in the Republic of Uzbekistan, to raise the process of training of independent thinking highly qualified personnel to a new level in terms of quality, to modernize higher education, based on advanced educational technologies. In order to develop the social sphere and economic sectors, the Concept of the development of the higher education system of the Republic of Uzbekistan until 2030, approved by the decree of the head of our state on October 8, 2019, serves as a prelude to new reforms in the field.

This document was based on tasks such as the development of integration of science, education and production in order to accelerate

intellectual development, train competitive personnel, effectively organize scientific and innovative activities, and strengthen international cooperation.

Analysis of literature on the topic

"Anyone who stops learning becomes old, whether they are twenty or eighty. Everyone who continues to learn remains young. The greatest thing in life is to keep your mind young" Henry Ford, American industrialist.

We all know that reforms in the education system are inextricably linked with the future prospects of our country and the education given to each growing young generation. Today's modern life cannot be imagined without the development of science and education.

A strategic program aimed at including the republic in the list of the top 50 countries in the global ranking in the field of innovations was approved, new mechanisms for financing scientific projects were introduced, and additional conditions were created for financial stimulation of highly qualified personnel in the field of science. It is shown that large-scale reforms in the field of science and innovation, improvement of the state management mechanism in our country, and the need to accelerate the introduction of scientific achievements and innovative technologies in the improvement regions.

These principles have been refined, amended and supplemented over the years. Today, the educational activities of universities are being further improved. The virtue of our people's desire for knowledge, which has been formed over the centuries, is being manifested once again. Our young people are striving to live a healthy and beautiful life, to have a permanent job in their profession, to take responsibility, not to belittle their human dignity, in short, to achieve perfection, and in this process, education is seen as the most important condition. Based on this, all the reforms in science should help young people to live in good conditions, to be busy with their favorite work based on their wishes and desires, and to feel the responsibility on their shoulders in the work they have started, to avoid discrimination against people and people themselves. not to be discriminated against - this includes the largest reforms in the field of science. If we can properly reform the field of education, mature personnel who believe in their knowledge, masters of their profession, mature personnel will emerge from this field of education.

The words of our famous enlightened grandfather Abdulla Avloni: "Education for us is a matter of life - or death, or salvation - or destruction, or

happiness - or disaster." Education cannot be given to a person. That's why it is necessary for parents to firmly hold education in the family.

In the field of education, specific mechanisms aimed at expanding the opportunities for quality education of children with disabilities are provided as special obligations of the state, inclusive education and upbringing for children with special educational needs in educational organizations. a social norm is being introduced.

To implement the above reforms, it is necessary to pay attention to the quality of education and constantly increase the attractiveness of working in this field. After all, the development of the nation and the people, increasing its intellectual potential depends on the work of teachers. A teacher is an important link in conveying the secrets of science, spiritual and cultural heritage to young people. Therefore, it is necessary to create the necessary conditions for teachers to fully demonstrate their potential, to provide them with social, legal, and material support.

Therefore, a separate article on the status of the teacher in society was included in the Constitution. In Uzbekistan, the teacher's work is recognized as the basis for the development of society and the state, the formation and upbringing of a healthy, mature generation, the preservation and enrichment of the nation's spiritual and cultural potential. It was envisaged that the state would protect the honor and dignity of teachers, take care of their social and material well-being, and professional growth.

In October 2019, the concept of developing the higher education system of the Republic of Uzbekistan until 2030 was adopted in our country. This document was based on tasks such as the development of integration of science, education and production in order to accelerate intellectual development, train competitive personnel, effectively organize scientific and innovative activities, and strengthen international cooperation. The content of the concept reflects the priorities of the reform of the higher education system of our country. In it, expansion of the coverage level and improvement of the quality of education in higher educational institutions, introduction of digital technologies and educational platforms, involvement of young people in scientific activities, formation of innovative structures, commercialization of scientific research results, achievement of international recognition and many other specific directions are defined. All this serves to raise the educational process to a new level of quality. As part of the reforms, transferring some of the children studying in special schools to general education schools is considered the most important event today.

Provide necessary conditions for children who need inclusive education in such schools.

Dealing with disabled children individually, using additional literature, providing education in the same way as healthy children, not allowing them to be discriminated against, establishing relationships with other children is becoming the most important issue today. .

If we talk about another reform in education, a lot of opportunities have been created for young students studying in higher educational institutions. As one of these, we can take students' practices. Students enrolled in 2022-2023 have been conducting their internships in schools for 2 days a week since their 2nd year. It serves as an experiment for each card. High-class teachers not only acquire knowledge and skills, but also apply them in practice at a certain level.

Conclusion

To conclude, the promising tasks being carried out in the field of education, in their relevance and practical importance, are not inferior to the reforms in other fields. Because it is the demand of the times to continue the reforms in this field on a larger scale.

In the 21st century, which is known as the age of information technology, development of science and creation of innovations in this regard has become a vital necessity in order to create high progress in all aspects of life - industry, construction, chemistry, agriculture, textiles, mechanical engineering and other fields. This process is now recognized in all developed countries in the world. Special attention is paid to this process in our republic.

It will be difficult to ensure further economic growth without improving the quality of human capital. Therefore, directing the necessary efforts and resources to improve the quality of education and training qualified personnel is becoming a priority task not only today, but also tomorrow. For this reason, as each country strives to build a free and prosperous society, it strengthens its ambitious goals and tasks, first of all, in its Constitution.

LIST OF USED LITERATURE:

1. F.A.Umarova [The role of ICT in achieving effectiveness in education](#) Innovative development of education science./international scientific and practical conference/July
2. F.A.Umarova, Z.A.Umarova, A.V.Umarov [Step towards the Development and New Prospects of Uzbek Higher Education](#) Journal La

Edusci 2020

3. K.A.Umarov [Innovative methods of improving professional and pedagogical competencies of future teachers](#) European Journal of Research and Reflection in Educational Sciences 2020
4. K.A.Umarov [Analysis of Approaches to the Formation of Professional Readiness of Students in Uzbekistan \(On the Example of Future Teachers\)](#) Annals of the Romanian Society for Cell Biology 2021/3/6
5. З.А.Умарова [Эффективность организации самообразования в электронной образовательной медиа среде](#) International conference on Language and Literature Proceeding, 44-46 2022
6. Z.Umarova [Effectiveness of organizing students' self-education with the facilities of media resources in educational media environment](#) Revista geintec-gestao inovacao e tecnologias 11 (2), 756-764
7. Umarova F. KASBIY KOMMUNIKATIV KOMPETENTSIYANI SHAKLLANTIRISH TEXNOLOGIYASI //Toshkent davlat pedagogika universiteti. – 2023.
8. X.A.Умаров, З.А.Умарова “Использование электронно-образовательных ресурсов в целях создания образовательной экосистемы”. Перспективные информационные технологии (ПИТ 2018) [Электронный ресурс]: труды Международной научно-технической конференции, Самара: Издательство Самарского научного центра РАН, 2018
9. Umarov Abdurakhim Vakhitovich, Fotima Abdurakhimovna Umarova / [Step towards the Development and New Prospects of Uzbek Higher Education](#) / Journal La Edusci 2020/12/31