



 **Research Article**

REFORMS OF THE REPUBLIC OF UZBEKISTAN IN THE FIELD OF SCIENCE

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ABSTRACT

This article is devoted to efforts to develop science after the independence of the Republic of Uzbekistan, the creation of a legal mechanism, and the activities of the Academy of Sciences.

KEYWORDS

Science, technology, culture, knowledge, scientific and methodological expertise, research institutions, academic institute.

INTRODUCTION

After Uzbekistan gained state independence, he developed measures to fundamentally improve the activities of the Academy of Sciences of the Republic of Uzbekistan, which is the leading state scientific institution carrying out fundamental, applied and innovative scientific research in the field of science, technology, culture and education. Today we all understand that the achievement of our great goals, good intentions, the renewal of our society, the development and prospects of our lives, the ongoing reforms, the effectiveness of our plans are associated with all these highly qualified, conscientious highly qualified personnel who meet, first of all, modern requirements. Of course, the issue of personnel

providing a factor in the development of the state has always occupied an important place in society. Also, the activities of the Academy of Sciences, organizational structures are being improved again. One of the main tasks of the Academy of Sciences is to introduce into practice the achievements of science that contribute to the effective management and coordination of scientific research carried out in the system, as well as to increase the intellectual, socio-economic and spiritual and educational potential of the state. Recommendations are also being developed on their use in the interests of the Republic of Uzbekistan by studying and analyzing the achievements of world and domestic science. President of our country



Shavkat Mirziyoyev in his report on the occasion of the 26th anniversary of the adoption of the Constitution of the Republic of Uzbekistan expressed the following opinion - "No matter how hard it is, we must recognize that we must train popular, talented young people in the areas most necessary for the country's development in developed countries. Therefore, the Ministry of Higher and Secondary Special Education, higher educational institutions, scientific centers of our country El-Yurt Umidi. Our country, promoting and promoting achievements in the field of science, scientific potential, science and technology, carries out international cooperation with the Academies of Sciences, research organizations and foundations of foreign countries, participates in the training of highly qualified personnel using the scientific potential and material and technical base of organizations of the Academy of Sciences assistance in the implementation of personnel policies that make a worthy contribution to its development. Today, "It is education and education that are the main factors in the well-being of mankind, call people to good, motivate them to be healthy, patient." The Academy of Sciences has its own system of periodicals and regularly publishes scientific research. "The system of education and science that we have organized in question does not exist in any of those events that passed into the market economy several decades ago. This is our happiness, our wealth. The goal is not to lose the built ideal system - to reformat it on the basis of national independence and fill it with new national content, "the first president of our country noted in his reports. In order to replenish the research institutions of the Academy of Sciences and sectoral research institutions with young talented personnel and ensure the natural exchange of scientists who stop working by age, interaction between research institutions of the Academy of Sciences and sectoral research institutions in human resources has been established. In the speech of the

First President of the Republic of Uzbekistan I.A. Karimov at the General Meeting of the Academy of Sciences of the Republic of Uzbekistan "Let science serve the development of science" it is said that if economic growth is the body of our Society, then the sufficiency of a spiritual, educational and political sense is its spirit, mind and vivacity. The Great State emphasized that in order to achieve our great future, we must educate intelligent, enlightened, as well as people who are proud of their past, great values, nationality and believe in the future. In the process of current globalization, science and technology are developing very quickly. Scientific and technological progress is being developed with such dynamic photographs that the professional knowledge of specialists is noticeably underestimated every year, and they often need updating. On the basis of research centers and joint departments of research institutions of the Academy of Sciences with universities, in-depth scientific training of masters and bachelors in industry specialties is also carried out, On the basis of research institutions and industry faculties of universities of the Academy of Sciences, employees of higher educational institutions jointly organize interdepartmental research laboratories for fundamental and applied research, of course, this created one of the necessary conditions for the development of specific and natural sciences for the development of our Motherland. Academicians and leading scientists of the Academy of Sciences conduct lecture classes in higher educational institutions, which contribute to the implementation of the leadership of scientific degrees of Doctor of Sciences and PhD applicants and the scientific work of masters. The state is working to improve the mechanisms for using preferences and benefits provided to research and educational institutions, as well as organizations that implement and use the results and innovative developments, and to develop recommendations to improve their effectiveness. It is



planned to allocate 32 million US dollars to strengthen and update the laboratories of scientific organizations in 2017-2021, "and the corresponding measures are gradually implemented. Popularization of scientific knowledge in the field of achievements of domestic science, popularization and promotion of scientific knowledge, science and technology by popularizing new scientific achievements of domestic and foreign scientists, as well as the rich scientific heritage of thinkers and scientists living in the past, will increase the authority and importance of science and education in the life of society of scientists strengthening protection and ensuring their rights. In accordance with the signed agreement between the Government of the Republic of Uzbekistan and the Government of the Umman Sultanate, the new library building of the Abu Rayhan Beruni Oriental Manuscript Center Foundation was built at the expense of technical support provided by the Umman Sultanate. On the basis of scientific and technical development, experiments will necessarily lie, for the implementation of which we are necessarily provided with modern laboratories. The first President of the Republic of Uzbekistan I.A. Karimov said: "In a country where enlightenment is inspired, no one dominates the war. Because enlightenment raises a person to a height. In the XXI century, I am sure, a new generation will appear, which will give life for culture, for enlightenment and will make it the main goal of life. We live for this generation. We are trying to absorb these noble goals into human blood. If the generation we expect deems this wealth the largest in the world and makes their lives happy, know that humanity will inevitably reach bright "days." Of course, we believe that if representatives of the young generation of our time focus on the field of science all their capabilities, their abilities, intellectual potential and take on the heights of science, then these will be mature personnel who can make a worthy contribution to the

development of our Motherland. In order to further perpetuate the name of our scientists, personalized international forums, conferences, as well as state awards are established, and legislation in this area requires a year and a year of improvement. In accordance with the established procedure, proposals were developed for the establishment of prizes of the Academy of Sciences in honor of famous scientists and their names, and processes for awarding state awards to scientists who have achieved high scientific and scientific and technical achievements are regularly organized, during which a number of authors of education were awarded by the state. At the invitation of the Abu Rayhan Beruni State Prize Committee for scientific research, textbooks for higher and secondary special educational institutions, which made a great contribution to the development of scientific thinking in Uzbekistan, M.K. Bahodirkhanov, S.3. Zainobiddinov A.T., Mamadolimov R.A., Mukhinov M.S., Saidov M.S., Yunusov to study the behavior of silicon compounds, technology, tool development, use in the national economy, Zh. Hamidov, I.K. Musaboev (managers), A.T. Akilov (deceased), T. M. Islamov, K. Belymboev, A. A. Turdiev, Yu. V. Shpolyansky - to study cell and tissue systems: evolution, radiosensitivity, infectious pathology A.K. Valieva, G.A. Pugachenkova, H.P. Pulatova, M.M. Khairullaeva, S.S. Shermukhamedova, E. Yupupova - for the study of issues of national culture and spiritual heritage; A.H. Haimetov, A.H. Abdugofurov, SR Ganieva, Y. Isokov, EA Karimov, A. Kayumov, MR Mirzaakhmedova, S. Erkinov - awarded state awards for participating in the creation of the work "History of Uzbek Literature" ("History of Uzbek Literature") in Russian For textbooks for higher and secondary special educational institutions: T. A. Sarimsakov - "Theory of functions of the actual converter" in the Uzbek language (2nd edition, T., "Teacher," 1982), Uzbek language "Course of functional analysis" (2nd edition, T., "Teacher," 1986);



Awarded the Beruni State Prize for a textbook in the Uzbek language "Physiology with Normal and Pathological Anatomy" (2nd edition, T., "Medicine," 1990). At the suggestion of the Council of State Awards of the Republic of Uzbekistan, to submit to the 2009 state awards in the field of science and technology, literature, art and architecture a significant contribution to the development of science, literature and art of our country, in the field of science and technology of fundamental research, recognized on a state and international scale, worthy of paying special attention to high-quality, modern creative work that meets the requirements of time for research. "Uzbekistan has its own national Academy of Sciences, which successfully operates 43 academic institutes with huge scientific and technical potential. Promising research is being carried out in the field of nuclear physics of natural and specific sciences, heat physics, astrophysics, helimaterial science, biology, microbiology, chemistry and chemistry of natural compounds, seismology and many other fields." In all branches of science, effective research work is carried out. In 1992 – 1995, innovative works were exempted from value added tax. It is also a practical expression of the material support of science from our state. It should be especially noted that "Science will serve the state to the people, the development of society" - it is no coincidence that the first president I. Karimov put forward the above opinions, and now for the state that has achieved independence, the development of science is necessary, and all available opportunities were involved in this. It is worth noting that from the moment of independence to the present day, colossal changes were also made in the spread of science. Also, the President of our country Sh. Mirziyoyev noted that the most important task of teachers-professors is to educate them physically and spiritually mature people. The reforms carried out by our head of state also provide for the training of qualified personnel in higher

education with the strengthening of mentoring traditions. Professors-teachers who have high authority on the part of the head of our state are highly trusted. A number of measures have also been implemented to adequately stimulate workers of science and culture who have achieved sectoral success in the field of science, recognizing the high merits of a number of scientists in the field of literature Aziz Sharafiddinov (posthumously) "Creative English Happiness" ("Happiness of Recognition of Creativity") and "House on the Don" Anvar Yuldoshevich Ergashev was awarded state awards for the ballet "Humo," Edward Vasilyevich Rtveladze for his work on the topic "History and History of Culture of Central Asia." Eduard Rubenovich Davydov for television films of the series "Uzbek Durdans" ("Uzbek Durdan"), "Golden Ring of Khorezm" ("Golden Ring of Khorezm"), Kamare Shadmanovna Kamolova, Shomirza Ganievich Turdimov, Mukhamediso Nusov Ratullaevich Abdukhairov He was awarded state awards for the feature film "The Way Under the Sky," Holide Khafizovna Kamilova - for his work on the design of national costumes. Alisher Naver, subordinate to the Cabinet of Ministers of the Republic of Uzbekistan by combining the Academy of Sciences, the Ministry of Culture and the State Library of the Ministry of Higher and Secondary Special Education of the Republic of Uzbekistan named after Alisher Navoi under the Ministry of Culture of the Republic of Uzbekistan and the Republican Scientific and Technical Library under the State Fund for Scientific and Technical Information of the Republic of Uzbekistan created the National Library. Basically, the National Library of the Republic of Uzbekistan was created as an auxiliary structure of the Academy of Sciences by presidential decree in 2002. Also, for the further development of science, "it is necessary to increase the authority of universities, increase the number of non-governmental educational institutions, attract highly qualified personnel and



strengthen competition," said the head of our state, S. Mirziyoyev, in his address to the 2018 Supreme Assembly. Despite the creation of the necessary infrastructure for the development of science and technology in the Cayingian period, we can see that the creation of a certain separate structure is itself brought to the surface. In order to properly analyze and study the achievements and trends in the development of modern scientific and innovative technologies, the Ministry of Innovative Development of the Republic of Uzbekistan was created by decree of the President of the Republic of Uzbekistan in the development of state programs. Currently, personnel policy is gaining important priority, 10 scientific organizations of the Ministry of Higher and Secondary Special Education have been returned to the system of the Academy of Sciences, increasing its status and authority. Now there are an average of 950 scientists per million population. " In accordance with the Concept for the Development of Uzbekistan until 2030, regular work is being carried out in our country to further develop science, aimed at further increasing the number of scientists - owners of sciences.

Summing up, after independence, we can see that for the development of the science of our country, the state signed the relevant documents and developed agreements, programs and established interaction with the leading research institutions of the world.

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