

SCIENTIFIC ACHIEVEMENTS AS A VALUE

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ABSTRACT

The article is devoted to the essence of complex reforms in the development of science in Uzbekistan. The focus will be on the substance of comprehensive development reforms. In recent years, the priorities for the development of the education system have been studied in detail, such as increasing the efficiency of scientific research, modernizing the educational process.

Key words: *Values, spiritual heritage, democratic state, reform, development, humanity, intellect, science, material and spiritual life, civil society, way of thinking, scientific research.*

АННОТАЦИЯ

Статья посвящена сути комплексных реформ в развитии науки в Узбекистане. Основное внимание будет уделено содержанию комплексных реформ развития. В последние годы подробно изучены приоритеты развития системы образования, такие как повышение эффективности научных исследований, модернизация образовательного процесса.

Ключевые слова: *Ценности, духовное наследие, демократическое государство, реформа, развитие, человечество, интеллект, наука, материальная и духовная жизнь, гражданское общество, образ мышления, научные исследования.*

INTRODUCTION

Today, great progress is being made in the field of science in our country. The development and strengthening of the scientific worldview is of great importance in the worldview of young people. During this period, important changes are taking place in the value system of the society. Science, scientific knowledge, and rationalism have priority in the system of moral values of the society. It is known that cultural and spiritual values play an important role in society and human life. It includes scientific, technical and intellectual opportunities, education, training, medical services, national heritage, cultural masterpieces in various forms, language,

literature, art, folk crafts, unique historical and cultural monuments, architecture and etc. are included. The fact that science is a value that eternalizes a person and calls him to goodness and creativity is clearly expressed in the holy books of Islam, the Holy Qur'an and Hadith, and in the oral art of the wise people. The issues of the importance of scientific values in the spiritual development of a person and society have an important place in the works of Musa al-Khorazmi, Ahmad Fergani, Abu Nasr Farabi, Abu Raikhan Beruni, Ibn Sina and other thinkers.

They are described as an important tool that connects generations and eras of scientific values to the people, morally purifying a person and encouraging goodness. Scientific values and spiritual values are glorified in the works of great thinkers. As Eastern thinkers say

Literature review.

The greatest wealth is intelligence and knowledge, the greatest inheritance is a good education, the greatest poverty is ignorance. As stated by the leader of our country, if we can instill in our youth that the greatest wealth is intelligence, intelligence and knowledge, we will achieve our goal only if we can explain that the greatest spiritual value is knowledge. In foreign European languages: M. Dwight and D. Donaldson, H. Kina, M. Shastery, Abid Hasan Feridi, G. Masse, E. Brown, E. Rosenthal, A. Arberry, Riza Day Javed, Sh. Rezazoda, Abu Yusuf's book-ul-osor, Encyclopedia of Islam. Vol.1. London, 191317, V.N. Sagatovsky's "Philosophical Foundations of Worldview" the works of Eastern thinkers, in particular, address a number of problems related to our topic comparatively studied" [1. p.12]. In the 21st century, the development of information technologies, the penetration of computers into all spheres of human activity, has developed the processes of integration of scientific knowledge in the direction of the integration of two philosophical sciences and the processes of integration of general knowledge. The change of the scientific landscape of the world, the emergence of the idea of the principle of universal evolutionism had a great impact on the processes of integration of scientific knowledge. The process of integration in scientific knowledge is understood in the sense of their synthesis, organic unity, rather than the mixing of one science or scientific knowledge. In this case, the basic concepts of the knowledge system are transformed. Integration processes in scientific knowledge are the unification of concepts and categories of sciences; emergence of general scientific methods; penetration of methods of one science into other sciences; it is manifested in the form of the emergence of general research objects and complex sciences. The widespread use of information technologies has led to the strengthening of integration processes in general scientific knowledge. As a result, information, virtuality, and non-linearity

have become common concepts of modern scientific knowledge. The great possibilities of the computer and the Internet make it possible to overcome the barriers between the natural sciences and the exact sciences: on the one hand, the social sciences and the humanities, on the other.\

Research Methodology.

This new way of thinking is formed and serves to enrich the intellectual world of mankind. “Therefore, at the basis of the modern integration processes in scientific knowledge, firstly, the internal laws of the development of scientific knowledge, and secondly, the development of information technologies lie, and this process will become stronger in the future. The main factor for this is the idea of global evolutionism” [2.p.26]. After all, ideas about co-evolutionary processes in all spheres of existence - nature, society, human culture, science, philosophy, etc., identify the mechanisms of these processes, require strengthening the closer interaction of natural and humanitarian knowledge. In addition, global problems facing humanity are also solved through the integration of scientific knowledge.

Undoubtedly, it can be said that the processes of integration in scientific knowledge, as an expression of rationality, continue to bear fruit first through scientific knowledge, and later through various advanced technologies. In general, science is a spiritual-intellectual value that unites all the peoples of the earth and serves their common interests and goals. Because all peoples on Earth rely on different religious beliefs, different moral values and cultures, different artistic and aesthetic tastes, different political systems and ideologies, only scientific values bring peoples and countries closer together.

Analysis and results.

The fundamental reforms implemented in the field of science and education in our country are undoubtedly aimed at the full use of the potential of science in rationally solving complex socio-economic problems, raising the scientific and intellectual potential of our people. In order to correctly form the spiritual and scientific views of the young generation, we will explain the meaning of national identity, the content and components of science, the role and importance of science in human life, and instill in them high scientific, spiritual, religious standards and requirements. it is necessary to make a decision, to develop the thinking of society.

The intellectual culture of a person can be formed on the basis of principles such as a new understanding of education, harmonizing the spiritual value of a person with his freedom, and humanizing education. As a result, a new value system of education based on humanistic principles emerges. Therefore, the humanization of education provides people with self-realization in this world, and the main goal of humanization

of education is to create a humanistic worldview, relevant knowledge and skills. The balance of these interrelated human and intellectual qualities leads to the understanding of the process of education and knowledge at the level of valuable consciousness, to the correct understanding of the essence of science and scientific values. Scientific values, as an important component of our spiritual values and a basic value, are distinguished by a number of their characteristics and laws of development. Realizing science as a value requires understanding that the great creative power of scientific knowledge and science in society and individual life is connected with the establishment of democratic values.

Scientific values - ideas, works, educational and scientific institutions that allow the realization of intellectual-spiritual abilities and talents in people, the deep study of the scientific heritage of our ancestors, the creation of innovations and discoveries through reality research, a community of scientists, a complex of scholars. Scientific values are a comprehensive philosophical concept.

This concept dialectically harmonizes inheritance, tradition, and innovation in science. In the composition of scientific values, first of all, the immortal works of all our great scientists who left a deep mark in the history of mankind can be included. The advantage and superiority of scientific values over other values is that it provides reliable, empirically tested knowledge. Educational and scientific institutions also make up the structure of scientific values. Educational institutions have a noble goal - to teach young people the basics of science, scientific innovations, to develop scientific thinking and creative abilities in young people. As we take a step towards building a modern state based on a developed market economy and ensure a consistent transition from a strong state to a strong civil society, only those who deeply understand the need for the harmony of national and universal values, who have modern knowledge, intellectual potential and progress. It is possible to achieve the strategic development goals set before us only by people who have mastered these technologies. National-spiritual factors opened a wide way for the development of our qualities such as honesty, mutual kindness, patriotism, justice, truthfulness, duty, justice. "Spiritual factors and their transformation in a way similar to the spirit of our time is an urgent social issue in our country's progress towards a bright future" [3.p.172-173]. As soon as science begins to be understood as a value, qualities and qualities characteristic of people of science begin to form in people's behavior, actions and interactions. Scientists always strive for accuracy, honesty, and truth. They prefer not to talk a lot, but to think more.

Scientists consider the scientific theories and teachings written down by the great scientists of the past to be true, and they also state the scientific results they

have achieved over the years as true. Science educates such qualities as honesty, truthfulness, progress in people. In a democratic society, a real scientist is respected as a scientific value, and a scientist has a high sense of citizenship, responsibility and high morality. Truth, honesty and religion are important human virtues that increase the value of a scientist in a democratic society as a universal value. Loving the country always requires self-sacrifice: a scientist can achieve any success only if he fully dedicates himself to science. Every success of scientists serves not only for national development, but also for the well-being and development of all humanity.

Understanding and appreciation of science as a universal value is inextricably linked with its international nature. Today, philosophy puts forward its foundations in the valuable content of human nature. He is interested in the fate of scientific discoveries, which are recognized as the absolute value of human life, and their social consequences. A scientist, a creative person is not left indifferent in the research process. Philosophical work always involves a person's complexity. This opens up new aspects of understanding the world. Therefore, every system is authored in philosophy, and the role of the individual becomes especially important when acquiring philosophical knowledge. Philosophy is such an intellectual activity that requires regular communication with the great scientists of the past, Aristotle, Al-Farabi, Beruni, Kant, Hegel, Awlani, Fitrat and our contemporaries. Scientific and moral values cannot develop without each other: people achieve true humanity, creative ability, compassion, honesty, and honesty. Science also requires moral purity, hard work, dedication, and honesty in people. Therefore, science and humanity are concepts that require each other. When the way of thinking on a scientific basis becomes the leading trend of people's life activities, fundamental qualitative changes occur in the relations between people: the value of the word increases; There is a correlation between words and deeds, language and heart. As the intellectual potential of the members of the society increases, with the widespread popularization of scientific achievements, the "language of science" becomes more and more understandable for the general public: new scientific concepts have a strong influence on the enrichment of the national language. The development of scientific thinking among the general public, in turn, allows for the widespread popularization of moral qualities characteristic of scientists. Today, the principle of "the state is the main reformer", which has been practiced in our country until now, has given way to the principle of "Society is the main reformer" [4.p.704].

This principle also means that the society is the main sponsor of scientific development in the civil society. Therefore, favorable opportunities for the development of science as a national and universal value have arisen. Scientific

institutions, research institutes and educational institutions began to be sponsored not only by the state, but also by non-governmental organizations, voluntary societies and associations, and various foundations. However, this alone is not enough for scientific values to be determined as universal values. “Effectiveness of scientist's work, social meaningfulness and service for the development of society - all these are important conditions for the development of scientific values” [5.p.121].

In the period when science and technology development turned science into a productive force of society, it ceased to be a field in which a scientist works alone.

Currently, science is developing almost everywhere under the control of state or scientific industrial corporations. In such conditions, the talented inventor-scientist remains fully dependent on the many factors of scientific-industrial production, which rotates like a powerful but soulless conveyor belt. In general, to study the scientific values that form the basis of moral values in the society and their historical stages, as well as their place and importance; focusing on issues of social responsibility of scientists who are subjects of scientific values; The laws “On Education” implemented on the improvement of scientific values in the development of modern education, issues of the importance of the “National Personnel Training Program” [6.p.188], the scientific analysis of the role and importance of scientific values in the development of society are nationwide, social in the form of political needs, it is on the agenda as an urgent problem. Therefore, in the process of spiritual renewal, it is natural that the interest in the research of scientific values, not only theoretically and methodologically, but also practically increases. Understanding the essence of values on a scientific basis allows to know and appreciate the essence of things and events from the point of view of a person and his interests, to strengthen the creative activity of a person, and to further improve a person’s personality. The concept of spirituality and values are inextricably linked. Spirituality is a broad concept. And value is the main structural component of spirituality. Value is a concept used to show the universal, social-ethical, cultural-spiritual significance of certain events in reality. Issues related to values are one of the most important issues in life. Educational and scientific institutions also make up the structure of scientific values. Educational institutions have a noble goal - to teach young people the basics of science, scientific innovations, to develop scientific thinking and creative abilities in young people.

Consistent implementation of science, education, and vocational training is a wide opportunity for talented young people. Today, it is necessary for our youth to have deep knowledge and high potential, to form personnel who can achieve their goals. ways to increase the effectiveness of values and issues of social responsibility

of the scientist consist of learning. Moral norms and values at all stages of human development as it developed, immorality also formed as an alternative to it. From this point immorality, like morality, is the eternal companion of humanity.

For the first time in the life of society, signs of spiritual decadence began to appear O. Spengler emphasized this in his work "The West of the European Sun".

Century at the end, the situation worsened. "Afsuski," writes V.Yu. Lisitsin, XX in the 21st century, the moral degradation of people is the main factor of humanity of life on the planet It has reached the first place in the list" [7.p.227].

Thinkers explain the reasons for this from various fields they are looking for it.

For example, the German philosopher and sociologist of the famous Frankfurt school one of E. Fromm's brightest manifestations is the fact that the main cause of immorality is the idea of life It seeks a change in the goals and values that make up its content.

CONCLUSION

However, if you think about it more deeply, the reasons for the change in values are also, the reasons for the destruction of the human personality are also the predominance of materiality, its consequences they go back to the commercialization of spiritual production. But we want to focus on another aspect of the issue. The point is, in human society, cases of immorality became systemic.

Researcher I.A. Mironenko alarm about systemic moral degradation of society facts are taken into account. In particular, he noted that 2,000 children are born in Russia every year more than 2 million children suffer from parental maltreatment

smoking. More than five thousand women are dying as a result of the knockdown of their husbands. Every cases of violence against women, the elderly and children are recorded in one of four families is being done. The growth rate of juvenile delinquency is general It remains 15 times higher than the average rate. Not only do we need to provide this information It can be found in the life of Russia, but also in the life of other countries. "Modern morality critics, he writes, who refer to this statistic, not only events, but also the tolerant attitude of society towards them to accept as normal, irreplaceable life norms They'll show you. In this way, tolerance for evil is being formed, adaptation to it, which is tolerance is the basis for the establishment of the most inhuman forms of evil creates" [8.p.64]. Therefore, in the future solving the problem of human survival economy, energy, new technologies among others, it remains dependent on ethical issues. In conclusion, it should be noted that in the 21st century, the spiritual sphere of human society many constructive processes took place. At the same time, this area is constructive

destructive processes are also taking place as an alternative to the processes. Like this the most important of the processes is the commercialization of spiritual production. It is related to its formation.

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