



Possibilities Of Effective Use Of The Achievements Of Technogenic Civilization In Uzbekistan

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ABSTRACT

The rapid development of globalization has also accelerated the development of technogenic civilization processes. Enjoying the achievements of the developing technogenic civilization, assimilating the experiences of the countries of the world in its creation, and looking for all the opportunities and ways to join the ranks of developed countries are extremely important for the young sovereign countries that are now on the road to development. is an important requirement. At a time when countries, nations and peoples of the world are constantly searching for new, modern ways to meet today's demands, it will do no good to simply watch from the sidelines. Therefore, it is necessary for every nation, people and country to live according to the demands of the times, to keep pace with people's lives, to prepare conditions for the realization of their dreams and aspirations, and to use all opportunities effectively.

Keywords:

Globalization, Civilization, Technogenic Civilization, Technogenic Consciousness, Innovation, Development, Culture, National Development, Nationality, Personal Ethics.

Today, scientists and inventors in developed countries are conducting a lot of scientific research work on the creation and implementation of new techniques and technologies. In our country, it is necessary to accelerate actions in this direction, conduct research, effectively use intellectual opportunities, and encourage young inventors. It is important to pay special attention to the need for support, implementation of innovative developments. As our President, Shavkat Mirziyoyev noted, – "The task now is not only to financially support scientific research and development, but also to create effective mechanisms aimed at implementing their results into practice" [10; 236]. Therefore, the

development of mechanisms for the realization of this deeply thought-out noble goal, the study of the world's experience and turning it into a material force in practice is a task that cannot be delayed. "...first of all, the most important task for us is to carry out the policy of structural changes, diversify the industry, technical and technological modernization of production, and increase the competitiveness of our economy due to the wide introduction of information and communication systems." [8; 45-46].

When the 21st century entered the development page as the age of high technologies, the pace of development of the countries of the world accelerated. It also

caused huge economic differences between the countries. In the age of traditional life experiences, such big differences did not arise, and the competition between countries in this matter happened very slowly. Today, the emergence of the "third world" (poor and poor) countries is also the rapid development of technogenic civilization and the presence of forces interested in it. The variety of opportunities to effectively use the achievements of technogenic civilization has also led to the diversity of countries' development and social life style. The rapid development of technogenic civilization is happening side by side with the speed of impoverishment of the "third world" countries. On the one hand, there are developed countries with very high economic prosperity, and on the other hand, there are very poor countries that do not have access to technical and technological advances, and representatives of the poor living in them, who struggle with hunger and thirst. This is the current factor that has led to the emergence of great inequality on a global scale. "Actually, today developing or underdeveloped countries are developing their economies using their full potential, science, technology and technology resources" [11; 135]. However, economically underdeveloped countries are deprived of this opportunity. Countries with a high opportunity to effectively use the achievements of technogenic civilization have entered a new stage of development, countries that do not have such an opportunity have lagged far behind the level of development. As a result, the gap between developed countries and poor and poor countries has increased. People have faced a global challenge related to fighting hunger and clean drinking water, drought, global warming. As of May 21, 2024, more than 870 million people in the world suffer from hunger (the number of overweight people in the world is more than 1 billion 760 million, and since the beginning of 2024, more than 15.5 million people are dying of hunger and these numbers are always growing [12]. "The largest number of people suffering from hunger is in Asia (381 million, 8.3% of the total

population), the second place is Africa (250 million people, 19.1% of the population), the third place is Latin America and the Caribbean basin countries (48 million people or 7.4% of the population). It is a pity that at a time when the problem of hunger in the world is acute, every eighth person suffers from obesity»[6]. It is a pity that such a diverse scene is taking place in the age of modern technology and technology, which has reached the peak of its development - the 21st century - the era of technogenic civilization. The sad part of this is that the gap between countries is increasing day by day, and the possibility of prevention is decreasing.

Let's take a look at the increasing effectiveness of technical and technological developments. "In 2014, 459,000 employees of Gazprom brought the company a net income equal to 3.5 billion US dollars. Apple's more than 80,000 designers, programmers, and office workers contributed to net profits of \$39.5 billion for their owners. If we distribute these funds to each employee, each of Apple's employees will receive 493,750 US dollars, and each of Gazprom's employees will receive 7,625 US dollars. So, an employee who uses his mind earns 65 times more money than a person who is engaged in extracting wealth from the depths of the earth" [7; 310]. As can be seen from the given example, the production of modern equipment and technology is one of the main and leading sectors of the country's economy. Because with the improvement of technogenic civilization, the possibility of producing alternative options of all existing natural resources, raw materials or products will expand. Considerable work is already being done in this direction on a global scale. But it is possible to expand their scope, to explain their positive importance to mankind, and thus to ensure the balance of the natural environment. As time passes, people's demand for new technical tools is constantly increasing. The production and sale of products in high demand ensures a constant increase in the income of their producers. The net income of the American corporation (Apple) is 21.1 percent. And in the case of the gas giant

("Gazprom"), this number is 3.4 percent" [7; 311]. As you can see, the income from the production of technical means is constantly increasing. Therefore, it is necessary for every country to find factors for the development of techniques and technology, create conditions and make its implementation an urgent task at the level of state policy. That is why the field of technology production is the field of the future, and professions in this direction are the professions of the future. As President Shavkat Mirziyoyev noted, "Today we are setting great goals for ourselves with good intentions. We have more important tasks ahead of us than ever before. Of course, they are not easy to achieve... We will continue the reforms we started to overcome the obstacles that stand in our way without deviating. From this point of view, we have to work with greater mobilization in the new era. ... Because our nation today is not the nation of yesterday. Today's Uzbekistan is not yesterday's Uzbekistan" [10; 21]. Today's reforms are important because they are directly aimed at the development of technology and technology in Uzbekistan, and the desire to ensure the prospects and bright future of our country through technology and technology is also important. As an independent, sovereign, democratic country, Uzbekistan has found its place on the world political map, there are enough opportunities to develop many sectors, increase the share of industry in production and localize, create a national system and implement it in practice, and these opportunities are created. release is being implemented at a new stage.

In our opinion, it is important to cite the following as opportunities for the formation of technogenic civilization in our country:

firstly, the national intellectual potential of the society is considered as the most important factor of economic, social, cultural and educational development of the country. The higher the intellectual potential of the country's citizens, the faster the development and achievement of certain results. Because people with high intellectual potential try to use their opportunities effectively. Therefore,

processes such as change, development and progress take place in society [4]. What is required of people is to feel their responsibility for the development of the Motherland and act accordingly;

secondly, the large number of young people among the country's citizens. Young people are honored as the tomorrow of any country, the owners of prospects. To the extent that young people are educated and able to meet today's requirements, all future plans will come true. The use of the potential, talent and abilities of young people in the formation of technogenic civilization in our country will give the expected results in the future. Because the ability to use the latest achievements of technogenic civilization is high among young people. That is why it is very important to form, support, and provide sufficient conditions for the youth's creative abilities and support from the state. In this regard, great work is being done in our country.

"Our next important task is to educate and bring up the new generation of Khorezmi and Farghani, Beruni and Ibn Sina, Ulugbek and Nawai among our children" [10; 253]. Today, consistent reforms are ongoing in our country in order to provide comprehensive support to young people. "We see the meaning of our life, the main result of our life in the form of young people. We will build a new Uzbekistan together with determined young people!

In our development strategy, educating young men and women who are fully developed in all aspects, who think freely, who are loyal to the Motherland, and who have firm views on life is one of our most important tasks.

From now on, our main goal will be to create all opportunities for young people to fully realize their talents and abilities, noble aspirations, increase their social activity, and occupy a worthy place in life" [10; 262-263];

thirdly, the wealth of material and spiritual heritage of the nation. Spiritual heritage preserved from the distant past is considered the basis of great discoveries in the field of science. Studying spiritual heritages and mobilizing them in the way of modern science

is definitely useful. That is why the study of great spiritual heritages is relevant today;

fourthly, the preservation of national customs, traditions and rituals has been raised to the level of important state policy. In the conditions of globalization, a number of ideological and ideological threats against nationality, national mentality, and national identity, examples of "mass culture" are entering the life of our nation, especially our youth, through mass media, information technologies, social networks, Internet sites, and other sources. In order to protect against such influences, it is necessary not to be indifferent to national customs, traditions and rituals, to ensure their purity, and to be more careful in passing them on to future generations.

Peoples and nations are distinguished by the fact that they are rich in material and spiritual heritages formed with each other over the centuries. A large number of cultural and spiritual heritages, which are preserved, and the effective organization of work on their delivery to the next generations is one of the criteria that shows that any nation and people are resistant to the strong waves of the globalization process. A positive attitude to spiritual and material heritage is a spiritual force that strengthens the desire for modern knowledge in modern life. Material and spiritual heritage is also important as a great force that protects any person from various alien, evil, destructive ideas and ideologies. In order to preserve the national cultural heritage in its pure state, to be fair in passing it on to the next generations, it is necessary for people to have feelings of national pride, national pride, and national identity. People who can truly feel these feelings, representatives of the nation, young people can become real people who can implement future plans and make a worthy contribution to the development of technogenic civilization. "The unique and unique scientific and spiritual heritage of our great ancestors should become a vital program in constant motion for us. This immortal heritage should always be with us and always give us strength and inspiration. First of all, we need to imbue

the national education system with such a spirit. For this, it is necessary for our scientists and specialists, our religious scholars to deliver this spiritual treasure to today's generation in simple and understandable, attractive forms. ...We have every reason to say that we have all the opportunities to create the foundations of a new Renaissance based on the priceless legacy of our great ancestors" [10; 225]. The "Third Renaissance" that we have before us today differs from the previous, traditional renaissances (IX-XII centuries and XIV-XVI centuries) by its modernity. The foundations of the modern renaissance stage are formed by modern techniques and technological tools. Therefore, the strengthening and development of the foundations of technogenic civilization is carried out through citizens who have modern thoughts and worldviews;

fifthly, the pace of work on the formation and reform of the national education system and the high level of interest and desire among young people to acquire modern knowledge (IT education, programming, knowledge of robotics). "30 quotas were allocated at the expense of the funds of the "El-Yurt Umid" fund for sending young scientists conducting research activities in the field of artificial intelligence to short-term foreign scientific internships, and based on the competition, the winners were the USA, Russia, He was sent to study at leading foreign universities in India and Great Britain»[13]. The implementation of the educational system used in the experience of developed countries in the world and considered effective in the educational system of our country has accelerated today;

sixth, the establishment of strong cooperation with the advanced countries of the world in the production of new equipment and technologies. Currently, many new projects related to equipment and technology are being implemented. Comprehensive cooperation with several developed countries has been organized in our country on the development and improvement of technogenic civilization. Cooperation programs in modern technical and technological developments with developed

Eastern and Western countries have also been developed. Work on the development of the IT (Information Technology) sector is rapidly underway. A number of benefits are also provided in this area. On March 24, 2022, at the Tashkent International Investment Forum, "Today, serious attention is being paid to attracting young people to the ICT sector. In the 2000s, there were about a hundred IT specialists in Uzbekistan, but today this figure has reached 50,000. It was noted that a large-scale task has been set to increase their number to one million people by 2030" [5];

seventhly, the processes of digitalization and provision of IT technologies in all sectors are being rapidly launched. In this regard, on the basis of the "Digital Uzbekistan - 2030" strategy, state service centers have been established in the regions and many types of services have been implemented. Using the possibilities of information technologies, digitalization is important in reducing the role of the human factor, ensuring transparency, and preventing corruption.

"Today, the world is on the threshold of the fourth industrial revolution. Taking this into account, large-scale measures are being implemented in the republic to move to the stage of "Industry 4.0" development. For rapidly developing countries like the Republic of Uzbekistan, digitization provides an unprecedented opportunity to find a new engine of growth and modernize various sectors of the economy. For this purpose, the "Digital Uzbekistan - 2030" strategy, which includes comprehensive measures for the digital development of regions and industries, was adopted" [5].

The implementation of the tasks set for the development of techniques and technology in order to ensure the national development of our country will certainly give positive results. In our opinion, the development and implementation of several more practical measures will expand the possibilities of full and effective implementation of the tasks before us. For this:

First of all, it is appropriate to develop long-term strategic programs or "Road Map"

for the production of information technologies (IT - Information technology), artificial intelligence (AI - Artificial intelligence). It is necessary to form a control office under the government to clearly define the tasks in the developed road map and control the work being carried out. For example, India has developed a national innovation system (MIT) based on three stages to organize innovative development, and Singapore has developed a four-stage national innovation system (stage IV - the phase of transition to high-tech production and scientific research (from the late 1990s)). came out and achieved great positive results. In these countries, the issues of creating modern technical tools, mechanization of production and thereby increasing material interest began at the end of the 20th century, and this process was able to make a worthy contribution to the transformation of the new, 21st century into the century of technologies;

secondly, regular support of any scientific developments in the field of technology and technology by the state or authorized bodies of the state and private producers, both materially and morally (this includes not only scientific and technical projects carried out by people living in the center, but also those far from the center it is necessary to pay attention to the developments made by young people who live there) it will be correct to organize The General Assembly of our country - Article 53 of our Constitution - "Everyone is guaranteed the freedom of scientific and technical creativity, the right to use cultural achievements." The state takes care of the cultural, scientific and technical development of the society" [1]. For example, there are projects by representatives of the population living in remote areas of our country on alternative options for electricity production, projects on several methods of biogas production;

thirdly, today in our country, the activity of IT parks, IT courses, IT-technology training centers in this direction, technology parks, which are intended to provide knowledge and skills in the field of technology, is accelerating, the desire to develop technogenic

consciousness in people, shows the growing need and demands [3]. Parents enrolling their school-age children in technology-related courses reflects their increasing demand for technology-related knowledge. This is undoubtedly one of the promising actions that will serve the national development of our country.

"In the new policy of Uzbekistan, the eternal truth of this enlightened world, the fascinating philosophy of "Human interests are above all else" has priority. The call that people should work not for state agencies, but state agencies should work for people, gave new strength and enthusiasm to the veins of society members" [9].

So, the ongoing work and set goals show that all opportunities are being created for the formation of technogenic civilization in Uzbekistan. The legal basis for the use of digital technologies in the fields is also being formed. In order to achieve an effective result in this process, it is necessary to help young people to show their talents and abilities, to study the ways of development of developed countries, and to turn the need to strive to join the ranks of developed countries into the wishes of citizens, raising it to the level of a national idea. , it is necessary to increase the aspiration to make the country's future great, to form a modern way of thinking in citizens, who will use all their strength and potential.

As a conclusion, it can be said that as technology and technology are becoming increasingly important in the world, it shows the importance of using the available opportunities in our country to fully and effectively use its capabilities. Since the future of all industries depends on techniques and technologies, it is the most important issue today not to turn back from this path.

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