

MODERN EDUCATIONAL SYSTEM AND INNOVATIVE TEACHING SOLUTIONS
THE ROLE OF THE DIGITAL ECONOMY IN THE DEVELOPMENT
OF THE NATIONAL ECONOMY

Sharifov U.Q

assistant Professor, Department of Information Technologies, Tajik International
University of Tourism and Entrepreneurship

Abstract: *The 21st century is a period of rapid technological change, digitalization, and the widespread use of artificial intelligence. Today, advanced countries are those that have been able to effectively introduce information technologies into the economy, management, industry, energy, education, and services. Tajikistan, as an active member of the global community, is also taking solid steps towards the transition to a digital economy and information society.*

Keywords: *digitization, artificial intelligence, national economy, digital economy*

The President of the Republic of Tajikistan, Emomali Rahmon, in his Address to the Majlisi Oli, paid special attention to the issues of expanding the digitalization process, developing the digital economy, and implementing artificial intelligence, noting that, at the initiative of our republic, a special resolution of the United Nations General Assembly entitled "The Role of Artificial Intelligence in Creating New Opportunities for Sustainable Development in Central Asia" was adopted. [<https://khovar.tj>]

Ensuring the systematic development of artificial intelligence, digitalization of the national economy, and innovative technologies is one of the priority areas of the state's policy, and in a short period of time, with the initiative and direct support of the President of the Republic of Tajikistan, Leader of the Nation, His Excellency Emomali Rahmon, the infrastructure of the digital economy and the legal foundations of the sector have been established and strengthened.

Realizing the importance of the topic, in the modern conditions of development and strengthening of all spheres of social life, and in this regard, expanding the process of digitization of the national economy and the development of innovative processes in the country, at the initiative of the President of the Republic of Tajikistan during his address, the years 2025-2030 were declared "Years of Development of the Digital Economy and Innovation".

Today, Tajikistan is taking solid steps towards the transition to digitalization of sectors of the national economy in order to ensure transparency of economic and financial relations, and the timely implementation of this initiative will allow this process to be expanded in the next five years, the legal framework to be improved, and relevant documents to be adopted and implemented in the direction of the transition to a digital economy. Digital infrastructure, the development of data processing centers, and the creation of a comprehensive national database are being developed, and full digitalization of public services is being implemented.



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Human capital is being developed through training and retraining of personnel in information technologies at home and abroad, and awareness of the use of digital technologies is being raised.

Extensive use of artificial intelligence in the provision of services and the state registration system is being introduced, and cybersecurity of databases is being ensured. At the same time, digital entrepreneurship and the development of e-commerce are being developed.

In this process, the training of programmers and other specialists necessary for the development of the digital economy is carried out in the educational system of institutions of all levels of vocational education, and through incentives in the field of information technologies and retraining in leading foreign institutions, highly qualified national personnel are brought to work.

In today's conditions, the most important factor contributing to the sustainable socio-economic development of the state is the formation of a favorable innovative environment based on the effective use of digital technology.

Today, the global community is engulfed in the rapidly changing conditions of the innovative environment, which is progressing at a cosmic pace. Therefore, today's people's lives, with the purposeful and effective use of digital technology and digitization in the field of production, trade and services, are considered the most important factor in the sustainable socio-economic and innovative development of the country.

In this regard, the Republic of Tajikistan is at the stage of developing a digital economy, which is considered extremely important for the development of the national economy and achieving the country's strategic goals. Because at this stage of development, information has become the main factor in the socio-economic and technological development of states, and its main axis is the use of artificial intelligence. In this regard, the Founder of Peace and National Unity, Leader of the Nation, President of the Republic of Tajikistan, Emomali Rahmon, stated on December 22, 2017: "...human capital, as a powerful engine, contributes to the development of innovation and new technologies, and therefore, modern domestic science should mobilize young people more to study science, implement innovative projects, and research issues of the digital economy."

It is undeniable that the use of digital technology has emerged as the main driver of economic development in the last decade on the basis of the fourth industrial revolution, leading to the formation and development of sectors of the economy. On the basis of the effective use of modern digital technology, economic development is ensured and its competitiveness is increased. Therefore, the country's top leadership, in order to increase the efficiency of public administration and create appropriate conditions for the development of individual sectors of the country's economy, pays special attention to the organizational, legal and economic aspects of the use of artificial intelligence. Solving these issues will contribute to the widespread use of artificial intelligence and, in general, will give a serious impetus to increasing labor productivity, reducing production costs, creating new jobs and strengthening the competitiveness of domestic companies.

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It is worth noting that, in accordance with the instructions and instructions of the Leader of the Nation, a number of significant works have been carried out in the country to digitize the sectors of the national economy, e-commerce, and simplify trade procedures. The Concept and Program for the Development of the Digital Economy for 2021-2025, the Laws of the Republic of Tajikistan “On Electronic Commerce”, “On Electronic Documents and Electronic Signatures” have been adopted, and since 2019, the Trade Portal of Tajikistan has been officially operating. The adoption of the above-mentioned documents contributes to the development of the legal framework for the digital economy in the country and determines the priority areas of state policy in this area.

World experience shows that today the interest in the digital economy has increased more than ever, and in developed countries about 92 percent of the purchase and sale of goods and services is carried out using the global Internet network. This trend is also growing in Tajikistan, and at this stage it is necessary to pay special attention to the culture of using digital technology. [1, p.24]

Based on the experience of developed countries, the digital economy is the basis for expanding human resources and is one of the main goals of the government of the country. Developed countries are already in the post-industrial stage, and the service sector plays a major role in the structure of the economy. Because with modern information technologies, society is constantly progressing, making people's lives much easier.

Of course, Tajikistan, as a full-fledged subject of the global economy, is involved in these processes of forming sectors of the information economy, including the digital economy, and is active in the development of innovation and digitalization, the level and quality of the spread of Internet services, and the level of development of information and communication technology infrastructure.

Thus, fundamental changes are visible in the direction of digitalization of the country. At the same time, we consider it necessary to solve the following issues:

- to develop more digital projects in the implementation of the goals dedicated to 2020-2040 - “Twenty years of study and development of natural, exact and mathematical sciences”; [2, p. 55]
- to implement new innovative ideas in the process of production of domestic products;
- to adapt the development of modern telecommunications infrastructure and reduce digital inequalities depending on the regions of the country;
- to implement green projects and increase competence in the process of transition to a digital economy;
- to pay more attention to the development of the intellectual potential of society in the context of increasing the technical knowledge of the population, and on this basis to train reliable personnel and improve their level of knowledge.

Thus, the formation of a digital economy improves access to information and is considered a driving force for innovative activity in the development of the national

economy. In this regard, ensuring public safety and improving the quality of services in all spheres of life are important issues of state social policy, and the role of digital technology in this direction is great. [3, p. 88]

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