

THE IMPORTANCE OF THE EDUCATION SYSTEM IN THE DEVELOPMENT OF THE DIGITAL ECONOMY

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Abstract: This article analyzes the new field of digital technology currently being implemented in the Republic of Uzbekistan, proposals for the formation and development of a national E-education system.

Keywords: digital economy, innovative ideas, national education system, innovation, investment, national idea, national program, national e-education system.

Introduction

Today, the concept of a digital economy is gaining prominence in economic theory and practice across numerous countries. It is characterized by rapid advancements in digital technologies, the information revolution, and the accelerating globalization of the economy. The effective use of these technologies has transformed knowledge acquisition and dissemination.

As the President of the Republic of Uzbekistan, Shavkat Mirziyoyev, emphasized:

"We need a strong national idea, a national program for the technological development of Uzbekistan and the modernization of the domestic market. This program should enable Uzbekistan to swiftly join the ranks of the world's developed countries."

The Digital Economy and Its Impact

High-tech production, economic activities, and financial services—driven by information and communication technologies (ICT), internet-based platforms, and personal computing devices—have not only evolved but also become the foundation for widespread societal transformation. These changes affect business

models, consumer behavior, education standards, entertainment, and even recreational activities.

The digital economy, powered by electronic interactivity and digital infrastructure, represents a new vector in global economic development. Its growth influences both domestic and international business environments. Significant advancements in ICT have enabled companies to sell products worldwide via the internet. Startups with minimal investment can now emerge and scale rapidly. Furthermore, digital technologies offer opportunities to reduce costs while enhancing productivity and efficiency across multiple economic sectors.

Digital Transformation in Education

Experts predict substantial changes in the education sector due to digitalization. E-learning (digital education) refers to an educational system based on information and electronic technologies. It is imperative to develop and adopt a state program to integrate e-learning into Uzbekistan's lifelong education system. Similar programs have already been implemented in over 45 countries, including South Korea, the USA, the UK, Japan, China, Germany, Italy, France, the Netherlands, Singapore, and Malaysia.

Proposed State Program for E-Education in Uzbekistan

The national program for e-education in Uzbekistan's continuous education system should include the following measures:

Connecting educational institutions to the national "Electronic Education" system.

Introducing computer science from primary school.

Enabling remote education for secondary specialized and higher education across all disciplines, including access to foreign e-learning platforms.

Incorporating digital resources such as e-textbooks, interactive programs, and video materials from international institutions into the national distance education system. Establishing a nationwide network of children's technoparks and business

incubators through public-private partnerships to foster ICT skills from an early age.

Strategic Importance of E-Learning

By 2026, the implementation of curricula and textbooks in full revision and implementation on the basis of advanced foreign experience. The national curriculum includes 699 titles by 2026, including new 296 titles in 2022, exercise books, teacher methodology books, and mobile app development. To create a total of 769 videodars by 2026 for the Electronic skills development platform for the purpose of training teachers to new methodologies under the national curriculum. In secondary schools, the task is to introduce a system of experimental testing of textbook and educational and methodological complexes and examination with the participation of foreign specialists.

Conclusion. Today, the digital economy has become an important area of The world rapidly developing and deeply affecting all aspects of economic activity. Digital technologies — a new economic model that is taking shape on the basis of the internet, ICT and artificial intelligence—are generating fundamental changes not only in production and financial services, but also in education, health, services and many other areas. The field of education should play a leading role in this process. Therefore, the formation of a digital education system, the development of distance education, the adaptation of educational programs to the requirements of the time, and the formation of ICT skills in the younger generation from an early age are some of the urgent tasks of today. By creating an innovative environment through electronic textbooks, access to international resources and technoparks, Uzbekistan is strengthening the foundation of a modern digital society.

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