

THE ROLE OF INFORMATION TECHNOLOGY IN THE ECONOMY

Tulaen Jahongir Panjievich

*Assicent of the department of information technology and digital economics
International university of tourism and entrepreneurship of Tajikistan*

Abstract: *the role of information technology in the development of society is to accelerate the processes of obtaining, distributing and applying new knowledge by society.*

Keywords: *information technology, e-commerce, virtual banking, modern models of information technology.*

Information technology can exist on its own. In most cases, they are related to various processes in society. Information technologies have a specific role to play in these processes. For example, information technology plays an important role in the economy related to government and business management.

Information technology is a strategically important area that affects all aspects of the life of every modern society. It is worth noting that the main goal of technology is to improve the lives of people in all corners of the planet.

In public administration, the use of information technology primarily helps government agencies to control the collection of taxes and expenses, collect statistics and perform other tasks aimed at strengthening the state.

It is worth noting that modern business is impossible without its information support via the Internet. Currently, the global economy functions as a single entity in real time and forms a single global information space. This technology contributes to the rapid growth of information products and services, and the use of e-commerce in business.

Today, information technology plays an important role in the development of the modern economy. Nowadays, it is very common to hear concepts such as virtual or information economy. This is due to the fact that information technology and economics are two closely related industries that together have a positive economic impact, as well as a positive production result. Without the use of the latest IT, the modern economy will not be able to develop quickly, and the state will be on the list of laggards.

Currently, modern information technologies are used in the economy for the purpose of efficient and operational computer processing of information resources, their transmission over all distances in the shortest possible time.

It should be noted that the information economy has changed the function of money, which currently functions as a means of payment.

Today, thanks to the development of information technology, virtual banking and payment systems have appeared, which play a significant role in the development of modern economic activity of the state.

MODERN EDUCATIONAL SYSTEM AND INNOVATIVE TEACHING SOLUTIONS

In economics, information technology is necessary for effective data processing, sorting and selection, for the implementation of an effective process of interaction between humans and computer technology, meeting information needs, as well as for the implementation of operational interaction.

In addition, information technology serves as an effective tool in making economically important decisions and participates in the process of effective management in all spheres of human activity.

Modern information technology models provide additional opportunities for calculating and forecasting economically significant results, based on which a correct and balanced management decision has already been made. In addition, these models allow you to calculate the overall economic impact, risks, and flexibility of the system's indicators.

The importance of information technology in economics is one of the most popular research topics today. This is the result of the fact that today we live in an age of ubiquitous computer technology. Therefore, economists should use and know information technology correctly.

For the successful operation of industrial enterprises in modern conditions, information technologies play an important role, allowing not only to solve a wide range of tasks in the field of automation of financial, economic and managerial activities, but also to comprehensively automate the main technological and production processes.

Unfortunately, not all business leaders realize yet that real automation of management is possible only when new computer technologies appear in the workplace of each employee of the management staff, and the focus is on solving only operational tasks, allocating significant financial resources to them.

Currently, the process of implementing automated control systems in Russian industrial enterprises is much more intensive than it was a year or two ago. In modern conditions, the use of automated systems can significantly reduce the time required for the development and release of new products, and significantly improve the quality of management of this type of work.

In recent years, the modern economy has shown that the importance of information technology, especially in small and medium-sized businesses, has increased significantly.

This trend has not been new in the West for a long time. This is largely due to the low level of competition, where the main goal was to save money, which did not allow itself to introduce or develop anything new. In addition, this was due to the fact that the mass consumer cared more about price and quality, while other factors lagged far behind. Now, the average customer wants to know what they're paying for.

The use of information technology in the economy has been influenced by factors such as increased competition, global changes in consumer behavior, the availability of information technology these days, and the technology race.

REFERENCES:

1. Donierov Sh.T., Nuralizoda A.N. – Managerial information technologies in economics (textbook) Dushanbe-2021 355 pages
2. Bereza, N.V. Information services market: current trends and development prospects. Monograph / N.V. Bereza, Moscow: Direct-Media, 2014, 180 p.
3. Gasparian, M.S. Information systems and technologies: an educational and methodological complex / M.S. Gasparian. Moscow: Izdat. Cent of the EAO, 2011 - 372 p.
4. Kalyagin, Mikhailov G. New information technologies and educational equipment // Higher Education in Russia, 2013, No. 1.
5. The concept of informatization of education // Informatics and Education, 2014. No. 1. pp. 6-39.
6. Information technologies in education and science: Proceedings of the International Scientific and practical Conference "Information Technologies in education and Science "ITO Samara 2011". Samara; Moscow: Samara branch of the Moscow State Pedagogical University, Moscow State Pedagogical University, 2011. pp. 494.
7. Rakitov A. I. Philosophy of the computer revolution. Moscow: Politizdat, 2011. pp.287.
8. Fargieva Z. S., Daurbekova A.M., Dzugaeva M. Yu., Ausheva M. A. National educational initiative "Our new school" on the example of GBOU gymnasium

