



Scientific Conference on Multidisciplinary Studies

Hosted online from Bursa, Turkey

Website: econfseries.com

11th September, 2025

DIRECTIONS FOR EFFECTIVE USE OF DIGITAL TECHNOLOGIES

Amirkulov Olimjon Adkham ugli
Karshi state technical university

Abstract:

This article reflects the achievements and shortcomings of the digital economy and the digitalization process built on it in the implementation of technologies. Proposals and recommendations are developed on the effective use of digital technologies.

Keywords: Digital economy, digital technologies, digital Uzbekistan, ICT, “One million programmers”, information security, e-commerce.

Аннотация:

В статье отражены достижения и недостатки цифровой экономики и процесса цифровизации, построенного на её основе, в части внедрения технологий. Разработаны предложения и рекомендации по эффективному использованию цифровых технологий.

Ключевые слова: Цифровая экономика, цифровые технологии, цифровой Узбекистан, ИКТ, «Миллион программистов», информационная безопасность, электронная коммерция.

Annotatsiya:

Ushbu maqolada raqamli iqtisodiyot va uning asosida qurilgan raqamlashuv jarayonining texnologiyalarga joriy etishdagi yutuqlari hamda kamchiliklari aks ettirilgan. Raqamli texnologiyalardan samarali foydalanish yo'nalishlari bo'yicha taklif va tavsiyalar ishlab chiqilgan.

Kalit so'zlar: Raqamli iqtisodiyot, raqamli texnologiyalar, raqamli O'zbekiston, AKT, “Bir million dasturchi”, axborot xavfsizligi, elektron tijorat.



Scientific Conference on Multidisciplinary Studies

Hosted online from Bursa, Turkey

Website: econfseries.com

11th September, 2025

The implementation of the concept of "DIGITAL UZBEKISTAN-2030" into practice, which covers all sectors and industries, and first of all, the formation of thorough and perfect organizational and legal mechanisms, as well as ensuring close cooperation between state bodies and business entities in the introduction of innovative ideas, technologies and developments, covering production and service provision in all sectors and industries with digital technologies, training intellectually capable personnel with deep modern knowledge in this regard, thereby creating an environment of an "informed society" in the country.

The current rapid digitalization process has created a "new economy". This underexplored and increasingly deep-rooted market segment provides manufacturers with optimal ways to organize effective marketing campaigns in business, maximize profits with minimal costs, and successfully sell goods and services. This creates quality service and convenience for consumers, buyers, and clients. This is a wider range of opportunities than ordering lunch online during your busy time, calling a taxi via a mobile application, or sending money to a distant relative, and also includes cross-border business cooperation, e-commerce, and remote offices. As is known, Cybersecurity is an important condition for the digital economy.

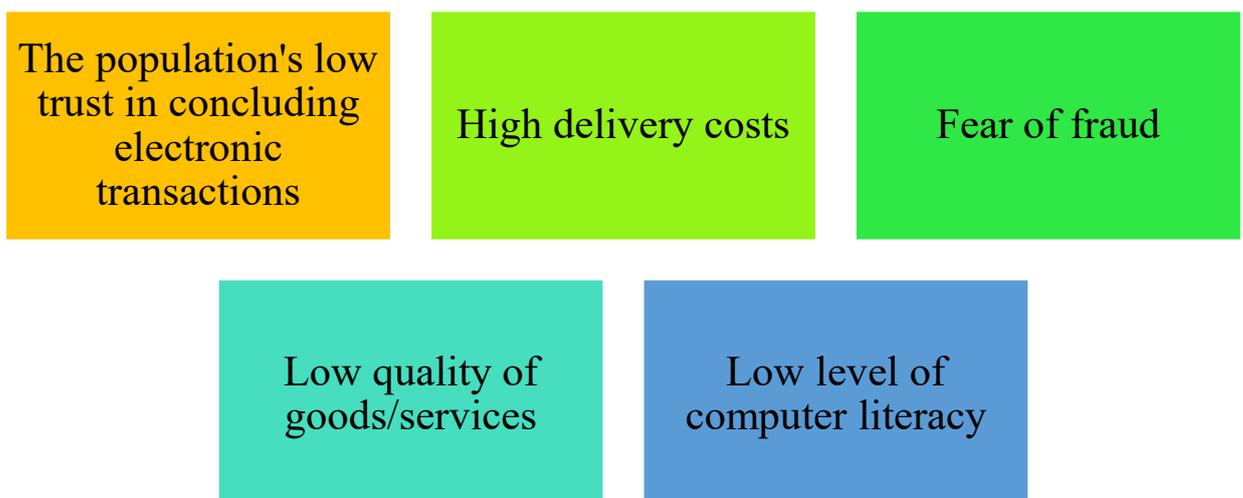


Fig. 1. Problems and shortcomings in the development of e-commerce



Scientific Conference on Multidisciplinary Studies

Hosted online from Bursa, Turkey

Website: econfseries.com

11th September, 2025

In Uzbekistan, all systems are becoming digital. Especially during the quarantine regime introduced due to the coronavirus, the demand for online goods and services has increased again, and the range of digital functions has expanded in all areas. Today, it is possible to make payments without leaving home, receive distance education without any problems, use the world's largest libraries, and even work. Digital services have a number of advantages over the traditional type, such as the absence of paperwork, formalities, and time savings. For example, if you receive government services digitally, you will be provided with a 10% discount on the established fee. We can name a number of problems and shortcomings that hinder the development of e-commerce in Uzbekistan:

The conclusion is that the introduction and use of digital technologies in all sectors and industries, which is currently one of the main strategies of Uzbekistan, is one of the priorities. Examples of these include cybersecurity, information security, and measures to prevent viruses that disable software systems.

LIST OF LITERATURES

1. Ayupov R.H., Boltaboyeva G.R. (2020). Raqamli iqtisodiyot asoslari. Darslik. T.: TMI, 575b. Gulyamov S.S., Ayupov R.H. (2020) Raqamli iqtisodiyot va elektron tijorat asoslari. - T.: "Iqtisod-Moliya" nashriyoti, - 510 b.
2. Videoselektor yig'ilishi (2020) O'zbekiston Respublikasi Prezidenti Shavkat Mirziyoyev raisligida o'tkazilgan "Tarmoq va hududlarda raqamli iqtisodiyot hamda elektron hukumatni joriy qilish masalalari bo'yicha" videoselektor yig'ilishi (22-sentabr 2020-yil). Manba: www.mitc.uz
3. Xaydarov B.X., Saitov S.A. (2022) Raqamli iqtisodiyot tushunchasi, afzalliklari amaliy ahamiyati va xorijiy tajriba. // Academic Research in Educational Sciences, Volume3, Issue5. – 153 b.