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## Information technologies in the economy

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### ABSTRACT

This article is devoted to the main components of information systems and technologies used in various sectors and directions of the national economy. The main focus is on the classification of information and communication technologies, technical tools and their development trends, software and various operating systems, text and tabular information processing, presentation preparation technology, network data processing, the concept of algorithms, using programming languages. focused on the development of programs, information systems and their components, the concept of information systems in management, statistics, tax, accounting, banking, personnel management, information protection in economic systems. This study guide is intended for students of the higher education institution studying "Information and communication technologies and systems", and it can be useful for those who independently study modern information technologies and systems in various fields of the economy.

### Keywords:

Information, resources, communication, systems, technical tools, software, operating systems, information technology.

In the formation of the national system of information, in the mass introduction and use of modern information technologies, computer equipment and telecommunication tools in all spheres of economy and social life, in meeting the growing demands and needs of citizens for information more fully, in entering the world information community and enjoying the world information resources. Education of "Information and communication technologies and systems" is of great importance in the expansion of education. Information and communication technologies (ICT) are entering all areas of human society. The role of modern information technologies in solving management issues is extremely important. This subject is aimed at providing students with fundamental theoretical knowledge in the field of ICT, covering the main technical and software tools used. At the same time, the goal of teaching

science is aimed at forming students' practical skills in the use of computer technology and information technologies. The subject "Information and communication technologies and systems in economics" provides students with a deep and comprehensive introduction to the methods of using modern technical tools, operating systems and instrumental tools, the principles and methods of automating computing processes, working with the functional capabilities of text and tabular information processing programs, management processes teaching the theoretical foundations of using personal computers and methods of their application to various branches and sectors of the national economy, teaching database management systems and object-oriented programming languages, practical training for working in the Internet system and

local computing networks empowers by imparting skills.

Practical work on the introduction of information and communication technologies into the sectors and sectors of the national economy of the Republic of Uzbekistan is being carried out on the basis of the Law of the Republic of Uzbekistan "On Informatization". In this Law, the following are defined as the main tasks:

- creation of a national information system taking into account the modern world principles of development and improvement of information resources, information technologies and information systems of state policy in the field of informatization;
- implementation of everyone's constitutional rights to freely receive and distribute information, ensure free use of information resources;
- creation of a single information space of the Republic of Uzbekistan based on information systems of state bodies, network and regional information systems, as well as information systems of legal entities and individuals;
- creating conditions for free use of international information networks and the Internet world information network;
- formation of state information resources, creation and development of information systems, ensuring their compatibility and interaction;
- organizing the production of modern means of information and communication technologies;
- helping to form the market of information resources, services and information and communication technologies;
- stimulating the development of software products production;
- to support and encourage entrepreneurship, create favorable conditions for attracting investments;
- training of personnel and improvement of their qualifications, stimulation of scientific research. "The Law of the Republic of Uzbekistan "On Electronic Commerce" was a great impetus for the establishment of entrepreneurial activities based on information and communication technologies.

In the Republic of Uzbekistan, a number of practical works on the formation of the market for software products are being carried out. Our entrepreneurs can also develop and export software products, for which the general conditions and intellectual potential are sufficient. Information activity is a field of the national economy, and it is a form of entrepreneurship engaged in the development and processing of information products and services to meet the demands of consumers in this regard. Taking into account the fact that the market of information and communication technologies is taking an important place in the national economy of the country, the decree of the first President of the Republic of Uzbekistan "On further development of computerization and introduction of information and communication technologies" was adopted.

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