
USE OF INFORMATION AND COMMUNICATION TECHNOLOGIES IN THE DEVELOPMENT OF MANAGEMENT RESEARCH

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Abstract:

This article is devoted to the issues of improving the existing functions and principles of introduction of modern information and communication technologies in enterprises. Practical recommendations and proposals for the introduction and effective use of information and communication technologies in the enterprises of our country have been developed.

Keywords:

Information, technology, function, principle, information technology, communication, enterprise, development, introduction, state, management.

Management of enterprises with the help of information technology - is the organization of a set of knowledge methods and tools for data collection, processing, storage, transmission and protection of information to solve management problems based on the development of system software and computer and telecommunications technologies. In management, information technology is often used in an automated way, that is, it involves the implementation of management technologies using hardware and software. In general, information technology is the technology of data management and processing. In addition to computer technology, the main technical means of information technology are communication means - telephone, teletype, telefax, etc. Although information technology has existed at different stages of human development, the peculiarity of today's information society is that, for the first time in the history of civilization, the power of knowledge and production outweighs the cost of energy, raw materials and consumables. is a leader among new technologies. The set of the information technology industry consists of computers, communication systems, databases, knowledge bases and related areas of activity. Today, information technology can be divided into conditionally stored, rationalized and creative types. The first type of technology saves labor, material resources and time. Examples of rationalizing information technology are ticket booking, hotel billing systems. Creative information technology consists of systems that produce, use, and incorporate information as part of the human being. Modern developments and achievements of information technology show the need to inform all areas of science and human activity. Informatization of society means the use of information as a wealth of society, which provides economic development, scientific and technological progress of the country, the acceleration of the process of democratization and intellectualization of society. The main tasks of modern information technology for enterprise management are to search, collect, process, store the necessary information, solve various problems of new data development and optimization. The task is accomplished not only by selecting and automating time-consuming, repetitive, data processing

operations, but also by processing them to obtain the new data needed to make effective management decisions.

Over the past decade, the management of enterprises using information and communication technologies has created significant opportunities in management, as they provide managers and managers of enterprises at all levels with the latest methods of processing and analysis of economic and social information needed to make the best and alternative management decisions. is coming. Today, the cost of implementing information technology in management allows not only to pay, but also to generate revenue. It is known that large western corporations spend 1.5 to 4 percent of their annual working capital each year on the development and advancement of corporate information systems. Information and communication technologies play the role of functional components of other types of technologies (e.g., production, organizational, social) and their intellectual core. At present, information and communication technologies are one of the key components of economic development. Almost all firms and consumers are developing the use of computers and the Internet for economic purposes, such as providing consumers with more diversified and customized products, improving product quality, selling goods and services. We all know that the expansion of information and communication technologies in developed and developing countries and its impact on economic growth has been growing rapidly over the past two decades. However, in-country data on computer, mobile phone and Internet users reflect different indicators of the spread of information and communication technologies across countries and regions, indicating an increasing trend in information and communication technology use despite the recent global economic crisis. In fact, information and communication technologies are the integration of electronics, telecommunications, software, networks, decentralized computer workstations, and media, all of which have a major impact on firms, industry, and the economy as a whole. Information and communication technologies consist of various "communication devices", including radio, television, communication equipment and software.

In short, investments in the information and communication sector are mainly made in computers and telecommunications, software and services. To manage an enterprise using information technology requires a detailed analysis of the object, a study of management functions and structure, as well as the management of information flows. Based on the analysis of the survey materials, an information management model is developed that establishes the relationship between information processing tasks and new information flows.

References:

1. Decree of the President of the Republic of Uzbekistan dated February 7, 2017 "On the Strategy of actions for further development of the Republic of Uzbekistan". folk word.-2017.-8 February.-№28.
2. Iminov A.A., Djamatov M.X. Text of lectures "Information technology in management". Toshkent-2017.
3. Aripov M., Begalov B., Begimqulov U., Mamarajabov M. Textbook "Information Technology". T.: "NOSHIR" -2009.
4. Law of the Republic of Uzbekistan "On Informatization".