



The Effectiveness of the Use of Digital Technologies in Management Activities

Jo'rayev Vohid Tojimamatovich

Associate Professor of Fergana State University

ABSTRACT

The use of digital technologies leads to the achievement of qualitatively new educational results, accelerates the process of management activities and, in general, increases its efficiency. The use of digital technologies in the management of education will increase the quality and culture of management activities by an order of magnitude, and create reserves for working in the development mode.

ARTICLE INFO

Received: 24th October 2022

Revised: 24th November 2022

Accepted: 30th December 2022

KEY WORDS: Digital technologies, management of an educational organization.

The XXI century is the century of high, rapidly developing computer technologies. Today, when information has become a strategic resource for the development of society, it is obvious that modern education is also focused on entering the global information and educational space.

Currently, the development of digital technologies has a great impact on the field of education, as they can be used very effectively not only in the process of knowledge transfer, but also in education management. Without the use of digital technologies, it is impossible to improve the quality and efficiency of management activities.

The use of digital technologies in the management of an educational organization opens up qualitatively new opportunities for managers. New tasks that teachers solve: improving the quality of education, efficiency and accessibility, requiring modernization of management in this area, significantly complicating managerial functions, advanced training of heads of educational institutions, who today should be able to analyze the activities of educational organizations, identify the most significant problems and find effective ways to solve them; build an organizational management structure, plan and organize the activity of an educational organization.

Information support of the management activity of the head of an educational institution in connection with the increasing requirements for the quality of education to optimize management activities and in connection with the ever-increasing volume of management information is a set of resources, processes and methods designed to solve management tasks.

An important condition for information support today is the use of modern digital technologies.

Among the modern digital technologies used to improve the quality of management activities of the head of an educational organization and increase its efficiency, a significant role belongs to the automation of administrative operations.

The most common examples of automation of administrative processes are the introduction of e-mail, facsimile communication, automated workplaces, automated information management system, the possibility of videoconferencing using smart technology.

Corporate e-mail used for communication interactions helps to avoid telephone "incompetence" when one of the communication participants is absent on the spot. This is an important advantage, considering that only about one third of phone calls actually lead to contact with the required subscriber. In addition, corporate email enables managers to retrieve messages intended for them at a convenient time for them. It becomes possible to replicate and send the same message to many interested parties at once.

The deployment of a corporate mail system provides employees with a reliable means of exchanging text information and documents for solving tasks of any scale. In addition, the system allows you to maintain a common work calendar, synchronize meetings and tasks of employees.

A well-built corporate mail system provides the following functions:

- global address book support;
- sending emails with content encryption and electronic signature;
- maximum availability of the service and guaranteed safety of information;
- access to the mailbox from mobile clients, communicators and via the web interface;
- scheduling meetings in a shared work calendar and notifying their participants.

Fax machines. Documents with their help can be transmitted in their original form and faster than in any other way, and usually at a lower cost.

Automated workstations provide access to text editors, expert systems and e-mail. They reduce the size of routine work, repetitive and tedious operations, freeing up significant time for specialists to manage the most important tasks.

Videoconferencing provides an opportunity for personal communication at a considerable distance, saves time and money, usually spent when moving, and communication interactions necessary for management activities are freed from any geographical and spatial restrictions.

In modern conditions, information support of the management activities of the head of the OU is carried out using automated control systems.

Automated management system is an information system designed for the automated implementation of management processes.

The Blogger service is gaining more and more popularity.

Blogging by administrative and teaching staff solves one of the urgent tasks of managing an educational organization – the implementation of feedback channels.

The blog of the head of an educational organization provides opportunities for public statements on the most important issues. It is very important for parents to hear the direct speech of the head. As practice shows, a significant part of the parents' claims to the educational organization is caused by distortions in the transmission of information.

These types of services are available in real time via the Internet and significantly expand existing IT capabilities.

For effective use of digital technologies and facilities, the institution must be provided with a local network with constant access to the global Internet. A local area network can be built using both wired and wireless technologies.

The introduction of a Wi-Fi network allows you to solve the following tasks:

- providing employees of the educational organization with high-quality and economical mobile communication throughout the building;
- providing access to the resources of the corporate network infrastructure and the Internet to all employees, including mobile (not having a stationary workplace);
- connection to the corporate network infrastructure of workplaces, the laying of a network cable to which is difficult, impossible or economically impractical.
- providing the guests of the educational organization with high-quality mobile Internet access in the conference hall, assembly hall, office, teacher's room;
- operational organization of temporary workplaces for events;

- implementation of a wireless video surveillance system;
- organization of a public wireless Wi-Fi access point to the Internet.

Advantages of using wireless networks:

1. Speed of deployment due to the exclusion of cable infrastructure.
2. High bandwidth comparable to the bandwidth of a wired network infrastructure.
3. The ability to move around the coverage area without communication interruptions.

Modern managers in education management should not only have knowledge in the field of digital technologies, but also be specialists in their application in their professional activities.

Active and effective implementation of digital technologies in education is an important factor in updating the education system in accordance with the requirements of modern society. The effect of using tools as computer techniques in education management depends on how much a specialist in the subject area is not limited in the means of presenting information, communications and working with databases and knowledge.

List of literature:

1. Никифорова М.А. Информационные технологии для новой школы. Материалы конференции. Т.2. Использование АИСУ «ПАРАГРАФ» в контроле качества и оценке результатов обучения: из опыта работы. – СПб.: ГБОУ ДПО ЦПКС «Региональный центр оценки качества образования и информационных технологий», 2012. – с.127
2. Туманов И.А. Информационные технологии для Новой школы. Мат-лы конференции. Том 3. – СПб.: ГБОУ ДПО ЦПКС СПб «Региональный центр оценки качества образования и информационных технологий», 2013. – с.65
3. Федосов А.Б. Информационные технологии для новой школы. Материалы конференции. Т.2. «Облака»: сказка о будущем или насущная реальность. – СПб.: ГБОУ ДПО ЦПКС «Региональный центр оценки качества образования и информационных технологий», 2012. – с.134
4. Alimdjanovna X. M. et al. CLIMATE CONTROL AND LIGHT CONTROL IN A SMART HOME //European Journal of Interdisciplinary Research and Development. – 2022. – Т. 8. – С. 149-155.
5. Jo'rayev Vohid Tojimamatovich A. M. et al. Working With Geospatial and Descriptive Data in A Geoinformation System //Periodica Journal of Modern Philosophy, Social Sciences and Humanities. – 2022. – Т. 11. – С. 113-116.
6. Tojimamatovich J. V., Alimdjanovna X. M. Basic Concepts of the Smart Home System //International Journal of Culture and Modernity. – 2022. – Т. 17. – С. 7-13.