

USING INFORMATION TECHNOLOGY IN OPERATIVE MANAGEMENT OF THE ENTERPRISE

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Information technology is the basis for effective management. Information technology contribute to quickly and qualitatively solving tasks in the operational management system of the enterprise. For a specialist, becoming an operations manager is one of the main career paths on a parwith project management. Knowledge of operations management will be useful to any manager orbusiness owner.

The concept of new information technology also includes communication technologies, which provide the transmission of information by different means, namely telephone, telegraph, telecommunications, fax, etc. As the company grows, there are more and more inputs and counterparties, processes become more complicated and branched out. This means that the role of operations managers becomes more and more important. In a Swiss watch every screw is in its place, every cogwheel performs its task precisely, pedantically and to the highest degree of quality. Operational processes are the same mechanism. Whether your company can become a Swiss watch depends to a large extent on how well operations managers work.

The main purpose of the thesis is to identify information technology in the operational management of the enterprise with possible ways to improve the situation through the examples of modern enterprises. In accordance with the main goal, the following tasks were defined: - to study operational management; - to analyze the informing at the enterprises with the help of technologies; - to formulate proposals for improving the use of information technology in the operational management of the enterprise.

Operations management is the activity of a company aimed at making the processes of producing goods and services as efficient as possible: getting better results for less money. It is the management of the production of goods or services. It is not just controlling them, but continual improvement of processes.

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Directions compete with each other. For example, it will be difficult for the company to simultaneously increase both the range of products and the volume of production. This will complicate all the process chains, and production processes will have to be restructured on a large scale.

The technology of material production is understood as a process defined by a set of means and methods of processing, manufacturing, changing the state, properties, shape of raw materials or material. Technology changes the quality or original state of matter in order to obtain a material product.

Information is one of the most valuable resources of society along with such traditional material resources as oil, gas, minerals, etc., and therefore the process of its processing by analogy with the processes of processing of material resources can be perceived as technology. Then the following definition is true.

Information systems and technologies (IT) in organization management are methods that enable efficient planning, data sharing, supply control, and other actions to optimize work processes and maximize profits. They are carried out on the basis of computers or other techniques. The chapter will detail this aspect of organization management, all its subtleties and varieties.

Nowadays it is difficult to overestimate the role of using information technology in business management, as well as in other areas of social life. There is a tendency to significant changes in all areas where human resources are present. Managers of companies are trying to optimize all processes and increase profits as much as possible.

Human Resource Management:

- recording the number of active employees;
- recording payroll transactions;
- management of human resources - finding candidates for positions, training, conducting internships.

If we are talking about a larger firm, information technology in management activities covers management at all levels: tactical, strategic, as well as operational.

It is important to note that the task of information technology is not only to automate repetitive data processing operations, but also to generate new information for making management decisions.

To develop an effective system of information technology in the management of the organization it is necessary to carry out a detailed analysis of the controlled object, define the management tasks, develop its structure, select the necessary information.

After a detailed analysis it is necessary to develop an information model of management of the organization, which will fix the relationship between data processing tasks and new information flows. Then technical means are selected, information technology is developed.

Management information technology is constantly reaching new levels of quality and allows the use of the latest methods of processing and information needed to make management decisions (Master's in data science); (Indeed Editorial team, 2023, March 11).

Today there is an active introduction of information technologies into the practice of modern enterprises, which ensures a narrowing of the gap with developed countries in terms of the level of informatization of the economy and society. However, it should be noted that domestic information technology lags behind Western countries, as modern management technologies are not fully developed in our country. Also, I would like to emphasize once again that information storage takes up space. The amount of automation and the type and nature of the use of technical means depends on the nature of the particular technology and the amount of information used. In management today use automated information technologies, which are implemented with the help of technical and software tools. Information technology implements the mechanism of management decision-making.

References:

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