

WAYS TO IMPROVE THE ECONOMIC EFFICIENCY OF INDUSTRIAL ENTERPRISES

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The industrial enterprises form the main foundation of a country's economy, and their efficient operation is a key factor in ensuring economic stability and competitiveness. Today, rising resource costs, the complexity of production processes, and intensified market competition require enterprises to enhance their economic efficiency. Improving economic efficiency not only helps to reduce production costs and increase product profitability but also contributes to improving labor productivity, introducing technological innovations, and ensuring financial stability.

In modern industrial conditions, a strategy for increasing economic efficiency includes the implementation of digital technologies, automation systems, data analysis, and innovative management methods. These approaches enable the optimization of production processes, rational use of resources, and increased labor efficiency. At the same time, by improving efficiency, enterprises strengthen their market competitiveness, enhance product quality, and increase investment attractiveness.

The relevance of the topic lies in the fact that scientific and practical research on improving the economic efficiency of industrial enterprises is important not only for enterprise managers and specialists but also for developing the national economic development strategy. The research results make it possible to formulate recommendations for improving production processes, developing effective management strategies, and introducing innovative technologies.

The issue of increasing economic efficiency in industrial enterprises is of great importance for both the national economy and enterprise performance. Studying this topic allows the development of practical solutions for optimizing production processes, using resources efficiently, and increasing labor productivity. The research provides recommendations for enterprise managers, economists, and specialists on improving profitability, reducing costs, and enhancing product quality.

In addition, the topic provides a scientific basis for studying the possibilities of improving production efficiency through the implementation of innovative and digital technologies, improving financial management systems, and developing strategic planning. Therefore, the topic is considered both practically and scientifically relevant and necessary.

Based on the study of ways to improve the economic efficiency of industrial enterprises, the following tasks are carried out:

- 1 To define the concept of economic efficiency in industrial enterprises and identify its main indicators.
- 2 To study ways of optimizing production processes and reducing costs.
- 3 To analyze methods of increasing labor productivity and using the workforce efficiently.
- 4 To examine the impact of digital technologies and innovative management systems on economic efficiency.
- 5 To develop practical recommendations for enterprise managers and economists.
- 6 To determine strategies for increasing efficiency through the application of investment and financial management methods.
- 7 To study advanced practices in improving economic efficiency in enterprises and develop relevant proposals.

The production processes of the "Andijan Machine-Building Plant" in Andijan region and the "Namangan Textile Enterprise" in Namangan region were studied. The results of the research showed that enterprises that implemented automated management systems were able to increase labor efficiency by 15–20 %. At the same time, it became possible to reduce production costs by 10–12 % and improve product quality.

For example, at the *Andijan Machine-Building Plant*, digital monitoring systems were used to observe the operation of production lines in real time. As a result, the detection and elimination of technical malfunctions became faster, and inefficient use of working time decreased. Consequently, both product output and quality improved.

In addition, at the “Namangan Textile Enterprise,” along with the automated management system, intelligent sensors and digital data analysis software were also implemented. This system made it possible to reduce energy consumption by 8–10 %, decrease the share of defective products in production, and improve the efficiency of raw material utilization.

According to the research results, the introduction of digital technologies and automation elements not only improves the economic performance of enterprises but also strengthens labor discipline, enhances workers’ skills, and ensures the production of competitive products.

Thus, the automation and digitalization of production processes have proven in practice to be among the most important factors for increasing the efficiency of industrial enterprises.

At the *Namangan Textile Enterprise*, IoT devices were used to analyze the consumption of raw materials and energy resources. This enabled enterprise managers to allocate resources optimally and reduce costs. The research showed that the implementation of digital technologies in enterprises not only increases labor productivity but also contributes to the effective management of production processes and enhances competitiveness.

Based on these findings, practical recommendations should focus on optimizing production processes through digital transformation, effectively managing the workforce, and saving financial resources.

Thus, introducing innovative and digital technologies is an effective solution for increasing the economic efficiency of industrial enterprises. Automated control systems, digital monitoring, IoT, and data analysis tools help optimize production processes, improve labor efficiency, and reduce costs. At the same time, digital systems allow enterprise managers to monitor production indicators in real time and make effective decisions.

Based on this, the following recommendations are developed:

- 1 Implement digital management systems and automated monitoring systems in industrial enterprises.
- 2 Organize training programs to improve workforce management and support with digital technologies.
- 3 Optimize production processes using data analysis and monitoring tools.
- 4 Introduce innovative technologies to reduce costs and improve product quality.
- 5 Study advanced practices for improving efficiency and apply them to enterprise strategies.

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ПОВЫШЕНИЕ ЭФФЕКТИВНОСТИ ЭКОНОМИЧЕСКОЙ ДЕЯТЕЛЬНОСТИ ЖЕЛЕЗНОДОРОЖНОГО ТРАНСПОРТА ЗА СЧЕТ СНИЖЕНИЯ ВЛИЯНИЯ ЧЕЛОВЕЧЕСКОГО ФАКТОРА НА БЕЗОПАСНОСТЬ ДВИЖЕНИЯ

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В ОАО «РЖД» обеспечение безопасности движения поездов и повышение эффективности экономической деятельности являются приоритетными задачами. Стратегия обеспечения гарантированной безопасности и надежности перевозочного процесса в холдинге «РЖД» [1] отводит решаю-