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Enterprise Resources: Concept and Their Composition, Resource Utilization Indicators

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Abstract

In modern market conditions, manufacturers are faced with an acute task of finding ways to ensure a high level of competitiveness, which requires the introduction of measures designed to improve the efficiency of using all the components of the enterprise's economic system. In order to improve the use of resources, it is necessary to identify and evaluate the factors that affect the indicators of their use: fund intensity, fund return, labour productivity, to name but a few. The purpose of the work is to study the features of the efficiency of using enterprise resources, increasing their reserves. Research objectives revolved around the following issues: the definition of the concept and composition of enterprise resources; the identification of reserves and directions of efficient use of resources; the search for the main reserves, the assessment and analysis of indicators of the use of resource efficiency of PJSC "Elektromotor"; the determination of measures for the effective use of resources of PJSC "Elektromotor". The object of research in this work is the resources of PJSC "Elektromotor" and the directions of their effective use. The subject of the research is a system of theoretical, methodological and practical aspects related to resources and the efficiency of their use.

Keywords: efficiency, usage, resources, reserves, enterprise.

References

- Chichulina K. Analysis of the concept "resources" and the mechanism of their effective formation. Economy and region 2020. Vol. 4(79), pp. 43-53.
- Chichulina K., Byba V., Skryl V. Study tutorial "The challenges of energy efficiency: cooperation of Ukraine with the EU" for students of the second level of Higher Education by specialty 076 "Entrepreneurship, trade and stock market", 101 "Ecology", 192. In. Construction and civil engineering, National University Yuri Kondratyuk Poltava Polytechnic, Poltava, Ukraine, 2021.
- Zhang G., Zhao S., Xi Yu., Liu N., Xu X. Relating science and technology resources integration and polarization effect to innovation ability in emerging economies: An empirical study of Chinese enterprises. Technological Forecasting and Social Change 2018, Vol. 135, pp. 188-198.
- Shirazi B. Towards a sustainable interoperability in food industry small & medium networked enterprises: Distributed serviceoriented enterprise resources planning. Journal of Cleaner Production 2018, Vol. 181, pp. 109-122.
- Cheah J., Amran A., Yahya S. Internal oriented resources and social enterprises' performance: How can social enterprises help themselves before helping others?, Journal of Cleaner Production 2019, Vol. 211, pp. 607-619.
- Abo Abdo S., Aldhoiena A., Al-Amrib H. Implementing Enterprise Resource Planning ERP System in a Large Construction Company in KSA. Procedia Computer Science 2019, Vol. 164, pp. 463-470.
- Farkas M., Kersting L., Stephens W. Teaching and educational notes Modern Watch Company: An instructional resource for presenting and learning actual, normal, and standard costing systems, and variable and fixed overhead variance analysis. Journal of Accounting Education 2016, Vol. 35, pp. 56-68.
- Aslan B., Stevenson M., Hendry L.C. Enterprise Resource Planning systems: An assessment of applicability to Make-To-Order companies, Computers in Industry 2012, Vol. 63(7), pp. 692-705.
- Aslan B., Stevenson M., Hendry L.C. The applicability and impact of Enterprise Resource Planning (ERP) systems: Results from a mixed method study on Make-To-Order (MTO) companies. Computers in Industry, 2015, Vol. 70, pp. 127-143.
- [10] Cheah J., Amran A., Yahya S. External oriented resources and social enterprises' performance: The dominant mediating role of formal business planning. Journal of Cleaner Production 2019, Vol. 236.