Studying the Relationship between Erp and The Performance of Lean Production in "Iran Khodro Industrial Group"

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Abstract

What is known as controlling a system is related to the variables of planning properly, an approach toward development, making appropriate decisions within changing conditions, satisfying and maintaining dignity of all stakeholders and achieving an excellent and lean level.

Formulating a pure strategy toward detecting and removing the sources of dissipation aims to minimize the costs and make the organization move toward proficiency and organizational excellence. The above definitions are representative of the degree of similarity and existence of a relation between the ERP and Lean Production objectives. The present study aims to introduce these systems, their goals and their potential synergistic. Therefore, the purpose of the research is detecting the impacts of ERP system on lean manufacturing system in IRAN KHODRO Industry Group. The research also had some minor purposes such as detecting those lean manufacturing techniques affected by ERP modules.

In this regard, after detecting the lean production tools in company and considering the details of ERP modules in company, we defined the research questions for experts, results were determined using SPSS software and at the end, According to confirming six hypotheses out of 10, the existence of a relation between these two systems was confirmed.

Keywords: Information Systems, Enterprise Resource Planning(ERP), Lean Production,IKco
References


