



LIBYAN INTERNATIONAL MEDICAL UNIVERSITY FACULTY OF BUSINESS ADMINISTRATION



The Impact of Just-In-Time on Firm's Performance

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INTRODUCTION

- Just-In-Time (JIT) inventory management is a lean manufacturing approach that emphasizes the importance of producing or ordering goods only when they are needed, rather than stockpiling inventory. This approach helps businesses to reduce waste, improve efficiency, and respond quickly to changes in demand. JIT has become an essential tool for businesses looking to optimize their supply chain and improve their bottom line.
- According to a study by the International Journal of Production Economics, JIT can help businesses to reduce inventory costs, improve cash flow, and increase customer satisfaction (Kumar & Suresh, 2018). JIT can also help businesses to reduce their environmental impact by minimizing waste and reducing the need for excess inventory storage (Sarkis, 2012).

INTRODUCTION CONT.

- Overall, JIT is a contemporary issue that provides businesses with a way to address the challenges of today's fast-paced and competitive environment, while also promoting sustainability and efficiency.

TERMINOLOGIES

- **Just-in-time:** is a type of inventory management in which items are obtained from suppliers just as they are required (Kesavan, S. 2021).
- **Firm performance:** is an economic measure that shows a firm's capacity to use human and material resources to meet the firm's goals (Le, 2005).

DATA AND METHODOLOGIES

The qualitative method was used in this investigation. Secondary data was employed in this investigation. The information was obtained and gathered from chosen journal publications. The retrieved data was chosen using two stage search processes.

- (a) initial search and paper selection.
- (b) paper selection and acceptance.

LITERATURE REVIEW

A sample of fifteen papers used in the research

- In 2017, Uma Bhushan, Rajiv Aserkar, and Karippur Nanda Kumar, along with A. Seetharaman, conducted a study using secondary data, which found that managers who adopted JIT practices experienced significant benefits in various areas, including quality improvements, time-based responses, employee flexibility, accounting simplification, firm profitability, and inventory reductions.

LITERATURE REVIEW

- In 2013, Akbar Javadian Kootanaee, K. Nagendra Babu, and Hamidreza Fooladi Talari conducted a secondary data study, which found that the JIT production system can identify hidden problems in the value chain and reduce production waste while increasing the throughput (Sales-Raw Material Cost).

REFLECTION AND CONCLUSION

This study investigates the impact of just-in-time delivery on firm performance. On the subject, 15 papers were studied, with some using primary data and others using secondary data, and they were both qualitative and quantitative. in a number of countries. According to the research, just-in-time has a favorable impact on company performance on both the operational and financial sides, as well as the quality side, by improving inventory turnover, minimizing waste, continuing improvement, and lowering labor content in facilities. On the other hand, a paper from 15 indicated that JIT layout had no impact or affect on organization performance.

LIMITATION AND RECOMMENDATION

Despite comprehensively addressing the underlying variables, the study has some limitations. These constraints present chances for future researchers and authors to broaden the breadth and accuracy of their research. The study provides some essential ideas which leaves room for future research and research gaps revealed in this study as a result of this study only relies on secondary data acquired from relevant literature and a limited number of papers linked to the topic. For more reliable results, future researchers should collect a broader set of data from different sources and possibly use realistic data approaches.

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