

## RINGKASAN

Penelitian ini memiliki judul “Strategi Pengendalian Persediaan: Analisis Metode EOQ, JIT, ABC Dan Analisis Pengaruh Praktik Manajemen Persediaan Dan Information Sharing Terhadap Kinerja Rantai Pasok (Studi pada PT Juragan Gemilang Indonesia)”. Tujuan penelitian ini adalah untuk menganalisis pengaruh Praktik Manajemen Persediaan dan Information Sharing terhadap Kinerja Rantai Pasok, serta menganalisis potensi yang bisa didapatkan perusahaan dengan menerapkan metode EOQ, JIT, dan Analisis ABC.

Berdasarkan data primer, populasi dalam penelitian ini adalah 47 Karyawan PT Juragan Gemilang Indonesia. Metode purposive sampling digunakan dalam penentuan responden. Sedangkan untuk data sekunder didapatkan dari data penjualan, biaya, pembelian, dan stok perusahaan dalam periode bulan Mei – Oktober 2024. Berdasarkan hasil penelitian dan analisis data menggunakan SEM (*Structural Equation Modelling*) menunjukkan bahwa Praktik Manajemen Persediaan berpengaruh terhadap Kinerja Rantai Pasok, dan Information Sharing berpengaruh terhadap Kinerja Rantai Pasok. Selain itu dari analisis EOQ yang dilakukan, ditemukan bahwa Total Inventory Cost dengan perhitungan EOQ lebih minim dibandingkan dengan cost kebijakan perusahaan, namun analisis Inventory Turnover Ratio dari beberapa produk menunjukkan angka yang rendah, mengindikasikan perusahaan belum disarankan menerapkan metode Just In Time. Sedangkan untuk Analisis ABC, dilakukan pengklasifikasian produk berdasarkan kuantitas dan nilai jualnya.

Implikasi dari kesimpulan dalam penelitian ini yaitu menjadi referensi dan manfaat dalam menambah pengetahuan mengenai penerapan teori manajemen khususnya di bidang manajemen operasional untuk meningkatkan kinerja rantai pasok. Selain itu hasil dari analisis EOQ, JIT, dan ABC dapat digunakan oleh perusahaan sebagai saran untuk melakukan evaluasi dan perbaikan mengenai manajemen persediaannya menjadi lebih baik.

Kata Kunci : Praktik Manajemen Persediaan, Information Sharing, Kinerja Rantai Pasok, Economic Order Quantity, Just In Time, Analisis ABC

## SUMMARY

*This research is entitled “Inventory Control Strategies: An Examination of EOQ, JIT, ABC Methodologies and the Assessment of the Impact of Inventory Management Practices and Information Exchange on Supply Chain Efficacy (A Study Conducted at PT Juragan Gemilang Indonesia).” The objective of this research is to evaluate the ramifications of Inventory Management and Information Exchange Practices on Supply Chain Efficacy, as well as to assess the potential benefits that organizations may realize through the implementation of EOQ, JIT, and ABC Analytical methodologies.*

*For the primary data, the population considered in this research consisted of 47 employees of PT Juragan Gemilang Indonesia. The purposive sampling technique was employed for the selection of respondents. In regard to secondary data, it was acquired from records pertaining to sales, costs, purchases, and inventory levels of the company during the timeframe of May — October 2024. The findings derived from the research and data analysis utilizing SEM (Structural Equation Modeling) indicate that Inventory Management Practices exert an influence on Supply Chain Performance, as does Information Sharing. Furthermore, the EOQ analysis revealed that the Total Inventory Cost calculated using EOQ was lower than the cost incurred under the company’s policy; however, the Inventory Turnover Ratio analysis for certain products exhibited a low value, suggesting that the application of the Just In Time method may not be advisable for the companies. Concerning the ABC Analysis, a systematic classification of products based on their quantity and sales value was conducted.*

*The implications drawn from the conclusions of this study serve as a reference and contribute to the enhancement of knowledge pertaining to the application of management theory, particularly within the sphere of operational management aimed at augmenting supply chain performance. Additionally, the outcomes of the EOQ, JIT, and ABC analyses may be utilized by the company as strategic recommendations for conducting evaluations and instituting improvements regarding its inventory management practices for enhanced effectiveness.*

*Keywords: Inventory Management Techniques, Dissemination of Information, Performance of Supply Chains, Economic Order Quantity, Just In Time Methodology, ABC Analysis.*