

**KNOWLEDGE, EFFICIENCY AND EFFECTIVENESS OF THE INVENTORY
MANAGEMENT SYSTEM OF THE PROPERTY AND CENTRAL SUPPLY
DEPARTMENT OF UNIVERSITY OF PERPETUAL HELP SYSTEM LAGUNA**

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ABSTRACT

Effective inventory management plays a vital role in helping universities maximize resources, streamline operations, and control costs. Wang et al. (2021) emphasize that it ensures timely procurement and minimizes waste, while Huang and Lee (2022) point out how advanced tracking technologies help maintain compliance and prevent overstocking. Azmi et al. (2023) stress the value of automation and real-time monitoring in enhancing decision-making and reducing errors. Roe (2023) highlights the importance of keeping systems updated and providing continuous staff training. This study explored the knowledge, efficiency, and effectiveness of the inventory management system at the Property and Central Supply Department of the University of Perpetual Help System Laguna. Through a descriptive-correlational approach, data from 122 respondents revealed a very high level of knowledge (mean = 3.59), efficiency (mean = 3.60), and effectiveness (mean = 3.61) in system use. A significant correlation was identified between inventory accuracy/compliance and efficiency ($r = 0.268$, $p = 0.003$), indicating that improved accuracy contributes to better efficiency. Although familiarity with system features showed a negligible relationship with effectiveness ($r = 0.096$, $p = 0.292$), usage/application had no significant link ($r = 0.032$, $p = 0.730$). However, knowledge strongly correlated with system effectiveness—particularly in familiarity ($r = 0.238$, $p = 0.008$) and usage ($r = 0.353$, $p = 0.000$). These results highlight the need for continuous improvement. While users show strong understanding and proficiency in using the system, areas such as inventory report analysis and communication with procurement require attention. Additionally, opportunities exist to improve cost savings, stock turnover, and security. Ultimately, the study concludes that enhancing knowledge and accuracy leads to better efficiency and effectiveness, calling for a well-structured action plan to strengthen the university's inventory management system.

Keywords: Inventory, management system, property, central, supply