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PHD RESEARCH AND STUDY ON OPERATION AND BUSINESS MANAGEMENT

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ABSTRACT
The dream of prosperous economic growth and development is only possible through structured economic development. Industrial development forms a highly important part of this economic growth, and industrial growth is only possible with supply chain management. Operation management is an integral part of industrial development, boosting economic growth, and providing clear methods for the optimal utilization of the factors of production. Material management plays a dynamic role within operation management; by maintaining better material management models, production targets can be estimated and successfully achieved. Furthermore, procurement, purchasing, cost-volume analysis, and quality control management establish the crucial standards and principles needed to minimize resource costs and attain better production standards.
Keywords: Economics,Growth,Development,Operation management

INTRODUCTION

Operation management is a vital subject in this era of globalization, as the concept of operational accuracy is impossible without it. The true objective of operation management is ensuring the supply of materials reaches the actual customer in a reasonable time. If materials arrive on time, the operation management framework is successful. This study highlights the importance of operational models, educational integration, and resource optimization in driving a country's Gross Domestic Product (GDP) and managing industrial growth.

RESEARCH METHOD

This study utilizes a combination of qualitative and quantitative research methods to test the main hypothesis.

Hypothesis: Economic growth and development are directly made possible through effective operation management.

Data Collection: Surveys were conducted across two distinct categories of business and economic professionals to gauge industry agreement regarding the impact of operations on development.

RESULTS AND ANALYSIS

The collected data shows a strong consensus among the surveyed professional groups. Subsequent sub-analyses show that key regional economic models confirm this trend.

Survey Demographics and Responses

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Table I. Professional Group Responses (Set 1)

Category	Yes	No
Accountant	3	0
MBA	4	0
M.Com.	5	0

Table II. Professional Group Responses (Set 2)

Category	Yes	No
Economist	4	0
Tax Consultant	5	0
Accountant	6	0

Finding: The vast majority of the audience explicitly agrees that economic growth is made possible with sound operation management.

Sub-Analysis: Global Operations Models

- **Japan:** A premier example of economic growth achieved through excellent operation and disaster management software systems, maximizing resource utilization in the automobile industry.
- **China:** Achieved rapid economic development by organizing its agricultural, industrial, and small-medium exchange sectors alongside deregulation policies to attract foreign investment.
- **South Korea:** A great symbol of growth that developed its automotive sector through highly cost-effective operational frameworks.

Sub-Analysis: Educational Link

Operation management education is crucial for construction and production professionals to boost business efficiency. These subjects are widely integrated into modern business syllabi globally, such as in BBA, MBA, and Engineering courses.

CONCLUSION

In conclusion, implementing the core principles of operation management—People, Process, Performance, and Project—is essential for a country's economy. Proper operational practices provide the ultimate roadmap to optimize production factors, satisfy customer standards, and drive long-term macroeconomic growth.

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Declaration of Conflicting Interest

The author declares that there are no personal, financial, or professional conflicts of interest relating to this research.

Ethical Declaration

The author certifies that this research follows all ethical guidelines, is entirely honest, and has not been submitted elsewhere.

Data Availability Statement

The complete dataset supporting the findings of this research is fully included directly within this manuscript text.

Authors' Contribution

The sole author was entirely responsible for the research concept, data collection, analytical review, and writing of this paper.

Disclosure of AI Use

The author used standard digital assistance tools solely to check grammar and improve sentence readability before publication.

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