Educational Administration: Theory and Practice
2024, 30(1), 6862-6865
ISSN: 2148-2403
https://kuey.net/
Research Article

Establishing a Connection Between Management Accounting Innovations and the Changes and Performance of Organizations

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Citation: Azma Anjum, et.al (2024). Establishing a Connection Between Management Accounting Innovations and the Changes and Performance of Organizations, *Educational Administration: Theory and Practice*, 30(1) 6862-6865
Doi: 10.53555/kuey.v30i1.10107

ARTICLE INFO

ABSTRACT

An important indicator of an organization's success is its performance, which is measured by how well it meets its goals during a certain time frame, usually evaluated once a year. Several variables, like as management accounting and organisational change, may impact it, and it represents how well or poorly a company has achieved its aims. In order to accomplish success in the face of high environmental uncertainty, firm management must undertake organisational modifications and adjustments to managerial accounting processes. This research delves into the complex web of connections between performance, organisational transformation, and new developments in accounting for organisations. This study has a dual purpose: first, to examine managed accounting's impact on organisational performance; and second, to assess that impact.
The study integrates quantitative and qualitative analyses to provide comprehensive insights. Primary data was collected through surveys and questionnaires administered to 50 respondents from five selected organizations, representing diverse industries. Secondary data, including organizational records, annual reports, and literature reviews, supplemented the primary findings. According to the findings, management accounting techniques have a substantial impact on organisational performance via better allocation of resources, handling of risks, and efficient operations. In addition, organisations may better adapt their plans to meet the ever- changing needs of the market by using modern management accounting procedures. Organisations aiming for sustained development and adaptation in competitive situations may get practical insights from the results, which highlight the dual function of accounting for business as an evolutionary catalyst as well as success driver.

Keywords: *Management accounting, organization changes, performance, environment, operational efficiency.*

1. Introduction

Achieving performance is closely tied to the function of management accounting. Several internal and external variables impact the evolution of accounting for business procedures (Moores & Yuen, 2001). The level of competition, the size of the organisation, the technology used in generation, the capability of the organisation, and the degree of environmental unpredictability are all elements to consider (Luther & Longden, 2002). Accounting for managerial purposes is more than just a series of procedures; it's a philosophy and set of standards that help emerging manufacturing organisations make better decisions (Tuan Mat et al., 2016).
Technological advancements, especially in manufacturing, have significantly altered cost structures. Automation and advanced manufacturing systems have reduced reliance on direct labor and inventory, shifting the focus to operational speed determined by technology rather than manual effort. As a result, traditional cost control systems often fail to assist managers in resource management and cost identification.
The accounting procedures, strategies, and organisational structures must all be in sync and work together to help a firm accomplish its performance goals and gain an unfair advantage (Moores & Yuen, 2001).

Therefore, the following goals informed the current study's methodology and attempted to demonstrate the significance for leadership accounting:

1. *To analyse the effect of management accounting on organizational performance.*
2. *To study the role of management accounting in organizational change and performance.*

2. Literature Review

Tuan Mat et al. (2016) highlighted that changes in management accounting practices have emerged as a critical area of focus, shedding light on the disparities in their application across organizations. These variations stem from the necessity for companies to adapt to both internal and external environmental changes.

Laitinen (2014) categorised the elements impacting management accounting transformation into six categories: need for data; changes in technology and the setting openness to alteration Allotted funds for transformation Objective of the shift away from inside The variables that contribute to change in accounting for business procedures are complex, as these categories show. Polnaya and others (2018) point out the relationship between performance and turnover. It emphasizes the role of dynamic practices in driving organizational results.

Organisational adaptation in response to changing external conditions There is a thorough examination of the relationship between shifts in accounting practices and improved business outcomes. Organisational strategy and structure are examples of contextual facts. According to Moores and Yuen (2001) and Baines and Langfield-Smith (2003), organisations can greatly benefit from organisational accounting practices when they are well-grounded in relevant information. This, in turn, leads to increased organisational efficiency. This points to a two- way street where the accounting procedures are both influenced by and reflect organisational success. Because of the ever-changing nature of these factors, it is crucial for management accounting procedures to adapt in order to keep up with the needs of modern businesses.

3. Material Methods

The research applied a both quantitative and qualitative approach to analyse the data. The data was collected from both, for primary data the survey/ Questionnaire was done in 5 selected organizations, and 10 respondents were approached from each organization. The secondary has been sourced from organizational records or annual reports with literature review of related studies to fulfil the study objectives.

4. Result and Discussion

4.1 “Effect of management accounting on organizational performance”

Providing essential data and instruments for making choices that link both monetary and monetary objectives alongside organisational objectives, management accountancy plays a major role in defining organisational success. It bridges the gap between operational activities and long-term vision, enabling organizations to adapt to dynamic market conditions, optimize resource allocation, and enhance overall efficiency.

Table: 1.1 Responses on effect of management accounting on organizational performance

S.no	Statements	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
1.	Management accounting practices provide crucial insights for strategic decision-making.	6	13	9	14	8
2.	The use of management accounting systems has significantly improved operational efficiency.	7	8	10	15	10
3.	Management accounting supports better resource allocation across departments.	5	12	10	10	13
4.	Risk management processes are more effective due to management accounting practices.	4	11	7	17	11

5.	Regular performance evaluations supported by management accounting have enhanced employee productivity.	6	10	6	17	11
6.	Management accounting practices contribute to delivering products/services that meet customer expectations.	6	7	7	20	10

Source: *Created by researcher from the collected data through Questionnaire Here is the analysis of responses collected from questionnaire:*

1. Management accounting practices provide crucial insights for strategic decision- making: 44% (22 out of 50) respondents agree or strongly agree, while 38% (19 out of 50) disagree or strongly disagree. A moderate number of respondents believe management accounting aids strategic decision-making, but a significant portion remains unconvinced. This indicates a potential gap in its perceived utility, suggesting room for improvement in communication or implementation.

2. The use of management accounting systems has significantly improved operational efficiency: 50% (25 out of 50) agree or strongly agree, whereas 30% (15 out of 50) disagree or strongly disagree. A majority perceive positive effects on operational efficiency. This suggests management accounting systems have a tangible impact on enhancing efficiency, though 30% neutral or dissenting responses indicate variability in effectiveness.

3. Management accounting supports better resource allocation across departments: 46% (23 out of 50) agree or strongly agree, but 34% (17 out of 50) disagree or strongly disagree. Nearly half the respondents recognize the benefit of management accounting in resource allocation. However, dissenting opinions suggest that resource allocation practices could be refined or more effectively communicated.

4. Risk management processes are more effective due to management accounting practices: 56% (28 out of 50) agree or strongly agree, while 30% (15 out of 50) disagree or strongly disagree. A majority find management accounting beneficial for risk management, which is a critical organizational function. The strong agreement suggests a clear linkage between management accounting practices and improved risk management.

5. Regular performance evaluations supported by management accounting have enhanced employee productivity: 56% (28 out of 50) agree or strongly agree, with only 32% (16 out of 50) disagreeing or strongly disagreeing. Respondents largely believe performance evaluations linked to management accounting enhance productivity. This indicates a positive organizational impact, though some dissent indicates a need for fine-tuning evaluation mechanisms.

6. Management accounting practices contribute to delivering products/services that meet customer expectations: 60% (30 out of 50) agree or strongly agree, while 26% (13 out of 50) disagree or strongly disagree. The majority opinion reflects confidence in management accounting contributing to customer satisfaction, suggesting its effectiveness in aligning operations with market needs.

Overall, the analysis shows a generally positive perception of management accounting practices' impact on organizational performance.

4.2 Role of management accounting in organizational change and company performance

Numerous aspects, including pricing, share of the marketplace, promotion, product offers, number of rivals, and their activities, need constant monitoring by businesses. According to Bell and Hoque (2009), this may be accomplished with the use of systems of accounting data that facilitate both monetary and non-monetary productivity. Employees are able to concentrate on uniqueness tactics, such increasing quality, assuring delivery on time, and boosting relations with customers to achieve consumer fulfilment, thanks to advanced management accounting procedures. One tool that managers may use to keep costs down while still meeting the needs of customers for reliability and usefulness is target costing. To differentiate oneself in a crowded market, financial reporting systems are essential (Seal, 2006).
Management accounting methods are subject to change due to factors such as market rivalry and technology improvements (Baines & Langfield-Smith, 2003; Bisbe et al., 2007; Waweru & Uliana, 2016). Improving

industrial and consumer service should be a company's top priority in order to adapt to a changing competitive environment (Bell & Hoque was, 2009). Based on prior studies (James Baines & Langfield-Smith, 2003; Haldma & Lääts, 2002; Hoque, 2001), companies may improve their Accounting and Financial Management Systems (MAS) to better handle fierce market rivalry. development in technology This is particularly the case in the building industry. The introduction of technology such as computers modifies the cost curve by reducing the demand for direct labour and material. Instead of human operators, machines and industrial systems now do the heavy lifting. Therefore, conventional cost control solutions fall short when it comes to assisting managers with resource management and identifying pertinent expenses.
The results of this research show that measures to improve quality and better managerial accounting processes go hand in hand. better non- financial outcomes, activity-based oversight, and comparability. Improving accounting for business processes promote mobility and boost not financial inclusion, as shown by these studies. The outcomes of performance in a manufacturing setting

5. Conclusion

In summary, management accounting systems play an important role in helping companies Be competitive by supporting a differentiation strategy that emphasizes quality, delivery and customer service. As market competition and technological advances evolve, businesses must adapt their accounting practices to increase efficiency and efficiency. Automation makes traditional cost control systems less effective. This makes advanced methods such as target costing and activity-based management critical to success. Studies show that adopting these practices improves non-financial performance. and make businesses more flexible
The analysis shows that the majority of respondents agree that management accounting improves operational efficiency. Risk management Employee productivity and customer satisfaction. However, there are still areas for improvement. This is because a significant proportion remain neutral or disagree with the effectiveness of strategic decision-making and resource allocation. It suggests areas for better communication, training, and refinement of practices. To ensure that operations are consistent and efficient throughout the organization.

6. References

1. Baines, A., & Langfield-Smith, K. (2003). Antecedents to management accounting change: A structural equation approach. *Accounting, Organizations and Society, 28*(7– 8), 675–698.
2. Bell, J., & Hoque, Z. (2009). GAOC 2008 conference issue: Accounting's role in organizational change. *Journal of Accounting & Organizational Change, 5*(2), 133– 138.
3. Bisbe, J., Batista-Foguet, J. M., & Chenhall, R. (2007). Defining management accounting constructs: A methodological note on the risks of conceptual misspecification. *Accounting, Organizations and Society, 32*(7–8), 789–820.
4. Haldma, T., & Lääts, K. (2002). Contingencies influencing the management accounting practices of Estonian manufacturing companies. *Management Accounting Research, 13*(4), 379–400.
5. Hoque, Z., Mia, L., & Alam, M. (2001). Market competition, computer-aided manufacturing and use of multiple performance measures: An empirical study. *The British Accounting Review, 33*(1), 23–45.
6. Laitinen, E. K. (2014). Influence of cost accounting change on performance of manufacturing firms. *Advances in Accounting, incorporating Advances in International Accounting*. https://doi.org/10.1016/j.adiac.2014.03.003
7. Luther, R. G., & Longden, S. (2002). Management accounting in companies adapting to structural change and volatility in transition economies: A South African study. *(May 2001), 299–320*. https://doi.org/10.1006/mare.2001.0163
8. Moores, K., & Yuen, S. (2001). Management accounting systems and organizational configuration: A life-cycle perspective. *Accounting, Organizations and Society, 26*(4- 5), 351–389.
9. Polnaya, I., Nirwanto, N., & Triatmanto, B. (2018). The evaluation of lecturer performance through soft skills, organizational culture, and compensation on Private University of Ambon. *Academy of Strategic Management Journal, 17*(2), 1–9.
10. Seal, W. (2006). Management accounting and corporate governance: An institutional interpretation of the agency problem. *Management Accounting Research, 17*(4), 389– 408.
11. Tuan Mat, T. Z., Smith, M., & Djajadikerta, H. (2016). Determinants of management accounting control system in Malaysian manufacturing companies. *Asian Journal of Accounting and Governance, 1*(1), 79–104.
12. Waweru, N. M., & Uliana, E. (2016). Predictors of management accounting change in South Africa: Evidence from five retail companies. *1954*(March). https://doi.org/10.1080/10291954.2005.11435118