



Theoretical Perspectives in Operations Management: An Analysis of the Literature

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Received date: November 01, 2021; Accepted date: November 17, 2021; Published date: November 29, 2021

Description

We review and measure research in additional than a hundred and fifty papers revealed in Production and Operations Management (POM) throughout 1992 to 2005 to assess however way the papers' authors have met the journals expressed objective of promoting research. We have a tendency to conjointly assess the variety of articles in terms of the needs of analysis, information assortment approaches and information analysis techniques. we have a tendency to classify the research articles supported their primary purpose (theory building, theory supportive, application, and providing evidence), information assortment approach (case study, qualitative analysis, depository analysis survey-based analysis, laboratory analysis and field research), information analysis technique (descriptive statistics, varied variable applied math techniques, and mathematical modeling), and operations topics (strategy, quality, and provide chain management). We have a tendency to conjointly discuss directions for future research in operations management. It's vital to advance Operations Management (OM) data whereas being conscious of the theoretical developments of the discipline. The aim of this paper is to explore that theoretical views have dominated the OM field. This analysis permits the authors to spot theory trends and gaps within the literature and to spot fruitful areas for future analysis. a mirrored image on theory is additionally sensible only if it guides analysis toward vital queries and enlightens OM practitioners.

Findings

The authors realize that the bulk of studies are a theoretical, empirical, and focused upon theory testing instead of on theory development. Some theories, like the resource-based read and contingency theory, have an everlasting relevancy inside OM. The authors conjointly determine theories from scientific discipline, economics, sociology and structure behavior that will within the future, have prominence to elucidate burgeoning OM analysis areas like servitization and property. The study makes a unique contribution

by exploring that main theories are adopted or developed in OM, doing thus by consistently analyzing articles from the 3 main journals within the field (The Journal of Operations Management, Production and Operations Management and therefore the International Journal of Operations and Production Management) that embrace 3 decades of OM publications. So as to focus the study, the authors might have lost vital OM articles in alternative journals. As way because the authors are aware, there has not been AN assessment of the most theoretical views in OM. The analysis conjointly identifies that topics are revealed in OM journals and that theories are adopted to analyze them. The authors conjointly replicate on whether or not the foremost cited papers and people winning best paper awards are theoretical. This offers the authors a richer understanding of the present state of OM analysis. A mirrored image on theories is vital as a result of theories inform however a scientist or active manager interprets and solves OM issues.

Practical Implications

This study permits the authors to replicate on the collective OM journey so far to identify trends and gaps within the literature and to spot fruitful spaces for future analysis we have a tendency to conjointly surveyed pipeline analysis within the operations management area by analyzing the topics mentioned in national conferences attended by operations management academicians and researchers. Our findings show some important changes within the quite analysis being performed within the Nineteen Nineties vs. the 1980s. Larger interest in strategy and quality are currently apparent within the literature. OM analysis within the Nineteen Nineties is additionally additional integrative in nature. We have a tendency to be shocked to search out no apparent shift aloof from modeling answer ways or any important shift toward empirical methodologies.

References

1. Borjesson F (2009). Approaches to modularity in product architecture. Royal Institute of Technology, Stockholm. International Design Conference 11: 1-33.
2. Ethiraj SK, Levinthal D (2004). Modularity and innovation in complex systems. *Manag Sci* 50: 159-173.
3. Pandremenos J, Paralikas J, Salonitis G, Chryssolouris J (2009) Modularity concepts for the automotive industry: a critical review. *CIRP J Manuf Sci Technol* 1: 148-152.
4. Parnas DL (1972). On the criteria to be used in decomposing systems into modules. *Carnegie-Mellon Univ* 15: 1053-1058.
5. Salvador F (2007). Towards a product system modularity construct: Literature review and reconceptualization. *IEEE Trans Eng Manag* 54: 219-240.