

## MANAGING TRADE-OFF IN AUTOMOBILESUPPLY CHAINS - RESPONSIVENESS Vs EFFICIENCY

**DR. R. VENKATESHWAR RAO\*; GANESH MERGU\*\***

\*PROFESSOR- DEPT. OF BUSINESS MANAGEMENT  
COLLEGE OF BUSINESS AND ECONOMICS  
DILLA UNIVERSITY- ETHIOPIA

\*\*LECTURER- DEPT. OF BUSINESS MANAGEMENT  
COLLEGE OF BUSINESS AND ECONOMICS  
DILLA UNIVERSITY- ETHIOPIA

---

### ABSTRACT

The automobile supply chain can be either responsive or efficient in practice. A responsive supply chain is distinguished by short production lead-times, low set-up costs, and small batch sizes and minimum inventories that allow the responsive firm to adapt quickly to market demand, but often at a higher unit cost. An efficient supply chain is distinguished by longer production lead-times, high set-up costs, and larger batch sizes and high volumes of inventories that allow the efficient firm to produce at a low unit cost, but often at the expense of market responsiveness. Aftermarket performance is also a key factor in the consumer's choice of vehicle and is a strong driver of brand loyalty. The quality, availability and cost of service parts are critical components in the consumer's product and service experience with their vehicles. The present article examines the performance of automobile supply chains with responsive Vs efficiency dimensions.

**KEY WORDS:** After Market Supply Chain-- Efficient Supply Chain- Responsive Supply Chain- Stock Levels-Supply Chain Metrics- supply chain Trade-Off.

---

### REFERENCES:

1. David Simchi-Levi, Philip Kaminsky and Edith Simchi-levi "Designing and Managing the Supply Chain" Tata McGraw-Hill Publication, New Delhi-2004.
2. Donald J. Bowersox and David J. Closs "Logistical Management-The Integrated supply chain process", Tata McGraw-Hill Publication-2008.
3. Holweg, M. (2005). "The three dimensions of responsiveness",International Journal of Operations & Production Management,25/7, pp. 603–622.
4. Naylor, J.B., Naim, M.M. and Berry, D. (1999). "Leagility: Integrating the lean and agilemanufacturing paradigms in the total supply chain",International Journal of Production Economics, 62, pp. 107–118.
5. Sunil Chopra and Peter Meindl," Supply Chain Management-Strategy, Planning and Operation",Pearson Prentice Hall, New Delhi-2009.