Abstract

In broad sense the Supply Chain Management is concern in optimizing customer service level requirements along with optimizing the cost of steps involved in it. In this paper, we use fuzzy if - else constructs for deriving customer satisfaction and cutting the costs for increasing the supply chain management efficiency. The proposed scheme provides managerial insights on the impact of the decision making in all the Supply Chain elements including suppliers,
Designing and Managing the Supply Chain using Fuzzy Logic Approach

manufacturers, warehouses, transporters, retailers, and customers. In particular, we focus on the way in which our agent purchases components using a mixed procurement strategy (combining long and short term planning) and how it sets its prices according to the prevailing market conditions.

References

- adapted from web search Wikipedia 01/31/2011

Index Terms

Computer Science Supply Chain Management

Keywords

Supply Chain Management  Fuzzy Logic  Fuzzy Association Rules  Linguistic Terms