

## “A STUDY OF INVENTORY ON SUPPLY CHAIN MANAGEMENT THROUGH LATERAL TRANSSHIPMENT WITH SPECIAL REFERENCE OF ABC COMPANY”

**PRAFULL KANPURI<sup>1</sup> & ABHISHEKH KUMAR<sup>2</sup>**

<sup>1</sup>Research Scholar, JIT Borawan, Madhya Pradesh, India

<sup>2</sup>Assistant Professor (MED), JIT Borawan, Madhya Pradesh, India

### **ABSTRACT**

Supply chain management addresses the management of materials and information across the entire chain from suppliers to producers, distributors, retailers, and customers. The purpose of this work is to examine the antecedents of retailer-retailer partnership and to explore its impact on the supply chain performance. In the past few decades, scholars gave ample attention about the impact of inventory on Supply Chain Management (SCM). We consider coordination among stocking locations through replenishment strategies that take explicitly into consideration transshipments, transfer of a product among locations at the same level. A continuous review inventory system has been adopted, in which lateral transshipments are allowed. In this research simple model is presented that enables us to characterize optimal inventory and transshipment policies for “n” locations. The research is based on a case study of a Four-wheeler Selling and body Manufacturing Company in Central India by using its data and to strengthen its supply chain. This paper represents such an effort in that it integrates both inventory and transshipment components in the study of multi-location inventory systems. This work will be done by the managers of ABC to overcome the uncertainties of demand and lead-time resulting into customer satisfaction and cost reduction.

**KEYWORDS:** Transshipment, Product Life Cycle, Inventory, Supply Chain Management