CHAPTER VIII
CONCLUSION
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CONCLUSION AND FUTURE WORK

So with the ready availability BI solution software, hereafter Organization can better manage every operation from Planning to Control of flow of materials. In the absence of above mentioned software, these complex operation might pose some problem to the organization in the past. But, now this software is boon to manager who can efficiently handle all complex operation including Planning, Organization and Control of material flow, with more confidence.

The advantages of this software are,

1. To gain economy in purchasing.
2. To satisfy the demand during period of replenishment.
3. To carry reserve stock to avoid stock out.
4. To stabilize fluctuations in consumption.
5. To provide level of client services.

Business intelligence provide us some feedback and it can be used to evaluate a decision. Key Performance Indicators (KPIs) are highly summarized measures, designed to quickly relay the status of that measure [113]. They usually reflect the most vital aspects of the organization.

Contemporary organizations have faced both complex and semi-structured decision-making situation. Dispersion of information sources and decentralization of a decision making process led to inefficient handling of present information management [63].
Soft Computing algorithms such as Genetic Algorithm, Ant Colony Optimization, Particle Swarm Optimization, Fuzzy logic and Neural Network are used for both Static and Dynamic BI optimization problems. Convergence is guaranteed. Hybrid algorithms combining solution constructed by “probabilistic constructive” with local search algorithms yield significantly improved solution.

We are constrained by linear thinking it is hard for us to understand how all the various parts of the system interact and add up to the whole. It is very important to understand how large scale emergent patterns and behaviors can result from the actions and interactions of the individual components of a BI system. It is imperative to analyses strategies required for Global Optimization.