

A Study on Recent Trends in Supply and Production Network with Soft Computing Methods

Pandey Khushi Jayprakash

Researcher, BMS Department,

Shri L.P. Raval College of Mass Media & Management Studies, Mira-Bhayander, Maharashtra, India

Abstract: *The market is becoming extremely competitive as a result of increasing globalization, product variety, and customer awareness. As a result, various supply chains are being compelled to continuously adapt to various stimuli. If one wanted to increase surplus across the entire supply chain, it is also common knowledge that the focus on the entire supply chain should take precedence over the individual goals of the players. Hence production network execution has stood out for research-er. To improve supply chain management's effectiveness and efficiency, a variety of soft computing methods have been used. The purpose of this paper is to present a summary of the existing research on the use of soft computing in supply chain management.*

Keywords: computing; Management of the supply chain; Neural network, fuzzy logic, and a genetic algorithm

REFERENCES

- [1] M. Christopher: Second edition of Logistics and Supply Chain Management, Prentice Corridor, Nor-people, 2004.
- [2] A. Harrison and R. Hoek: Coordinated factors The executives and Procedure, second ed., Es-sex, Prentice Hall, 2005.
- [3] C.A. Silva, J.M.C. Sousa, T. Runkler, and R. Palm: International Journal of Approximate Reasoning, vol. 40, no. 3, pp. 280–301, "Soft computing optimization methods applied to logistic processes."
- [4] A. Rushton, J. Oxley, and P. Croucher: The second edition of the Handbook of Logistics and Distribution Management, London, 2000, Kogan Page.
- [5] R. Roy, T. Furuhashi, and P.K. Chawdhry: Soft Computing New Directions: Designing De-sign and Assembling, Springer, London, 1999.
- [6] Principles of Soft Computing, 2nd Edition by S.N. Sivanandam and S.N. Deepa, 2011 Wiley India Pvt. Limited
- [7] A. Tettamanzi and M. Tomassini: Computing by hand: Springer-Heidelberg, 2001, Integrating Evolutionary, Neural, and Fuzzy Systems.
- [8] D.E. Goldberg: Ad-dison-Wesley Publishing Company, Massachusetts, 1989, Genetic Algorithms in Search, Optimization, and Machine Learning
- [9] Sinha, N.K., and M.M. Gupta: Artificial Intelligence and Soft Computing: Theory and Applications, San Diego, 2000, Academic Press
- [10] Musilek, P., and M.M. Gupta: Fuzzy systems and neural networks, in: Editors: Sinha, N.K., and M.M. Gupta Artificial Intelligence and Soft Computing: Academic Press, San Diego, Theory and Applications, 2000.