















- Costi, M. R. (2004). An environmentally sustainable decision model for urban solid waste management. *Journal of Waste Management*.
- Davis. (1991). *Handbook of genetic algorithms*. New York.
- Govindan, S. K. (2014). Reverse logistics and closed-loop supply chain: A comprehensive review to explore the future. *International Journal of Production Economics*.
- Hachana, H. T. (2013). Comparison of different metaheuristic algorithms for parameter identification of. *Journal of renewable and sustainable energy*.
- Herczeg, A. Z. (2017). Supply chain collaboration in industrial symbiosis networks. *Journal of Cleaner Production*.
- Kennedy, E. (1997). In E. Kennedy, *Engineering and Technology* (pp. 4-8).
- Kjaerheim. (2003). Cleaner Production and Sustainability. *Journal of Cleaner Production*.
- Park, K. (2014). Optimization of total inventory cost and order fill rate in a supply chain using PSO. *International Journal of Advanced Manufacturing Technology*.
- Pongrácz, P. (2003). Re-defining waste, the concept of ownership and the role of waste management. *Journal of Resource Conservation & Recycling*.
- Sagnak, K. (2016). Integration of green lean approach with six sigma: an application for flue gas emissions. *Journal of Cleaner Production*.
- Zhang, K. T. (2016). Sustainable supply chain management: Confirmation of a higher-order model. *Journal of Cleaner Production*.

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