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"(Quantification OF Lean Manufacturing in the textile industry of Pakistan)"

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Abstract

Competition is increasing day by day and modern ways of doing business are also changing and continuously evolving. For a successful business, the organizations try to increase their efficiency and effectiveness both in the terms of management and production operations. One of the main reason for a business to be successful and grab more and more market share, business can try to minimize their waste. Waste is any-thing that is unable to add value to products or services or any of the operations or the value system of the organization. Supply chain management is a broader aspect and focuses on the efficient management of the supply chain that starts from procurement process and ends to the point where the product or service is finally delivered to the end customer/consumer. Supply chain has many dimension and two dimension leading to this research are information sharing and collaboration. Information sharing between the partners in the supply chain is very important and this becomes a base for the lean manufacturing. Collaboration between the parties of the supply chain is also of utmost importance and this research focuses on these both dimensions leading to lean manufacturing. Lean manufacturing is a concept that has evolved over last decade and is a way of removing waste from the business and organizations. It is a continuous process and this concept evolved from the Toyota Production System. Many organizations are implementing these techniques into their operations and are getting more and more benefits out of it as it reduces the costs and also increases efficiency. This research has focused mainly on the core concepts of lean manufacturing and its quantification in the textile industry of Pakistan.

Keywords: Lean manufacturing, Value system, Supply chain management, information sharing & collaboration.