

Abstract

Although Lean is certainly not a new concept, it is doubtless still relevant, being one of the most promoted and competitive management models in use today. Many companies have adopted the Lean Culture with success but a large number has failed when attempting this goal. As companies try to implement and apply Lean in response to competitive pressures, they often become one-dimensional in their approach. As the main purpose, this document seeks to study and analyse the underlying reasons surrounding companies' failures in their Lean initiatives and how to implement them in a successful and sustainable way. This document is based on a thorough literature research concerning the success and failure of Lean implementations, enriched through an assortment of individual interviews with Lean experts, acting as a precursor for the development of a novel roadmap as a practical guide to open up a window of opportunity for managers, who want to become Lean in an effective and sustainable way.

Keywords: Lean implementation, Manufacturing systems, Failure reasons, Critical success factors, Strategic management of Lean

Critical success factors for implementing lean practices in IT. Support services. Abstract: Many studies have been done to identify the critical success factors (CSFs) in for successful lean implementation in the manufacturing firms. As with lean implementation in manufacturing enterprises, there are certain key factors which will determine the ultimate success of lean implementation in IT support service environment. This paper therefore seeks to identify the factors which are critical for the successful implementation of lean principles in IT support services. At first, the paper compares and reviews the existing CSFs proposed by various researchers. View Lean Manufacturing Research Papers on Academia.edu for free. Though in the last three decades there have been rigorous studies on lean manufacturing (LM), its implementation in the Indian manufacturing domain is still in its nascent stage. A lack of research to explore the potential use of Industry 4.0 is also noted. Research work on the compatibility of Industry 4.0 with LM is scarce and any study on the role of Industry 4.0 on LM in the Indian manufacturing sector is practically unavailable. critical for the successful adoption of lean manufacturing within SMEs environment. Research limitations/implications- Continued scepticism within SMEs about the benefits of. lean to their business is one of the fundamental limitations this research faces. The implementation of lean manufacturing like any other productivity improvement initiative is. believed to harbour enormous difficulties (Denton & Hodgson, 1997). For example, Safayeni et. evidence in publications on the implementation of lean practices and the factors that might. influence them in SMEs (Bruun & Mefford, 2004). With the notable exception of White et al. The lean six sigma method ensures high quality and customer satisfaction in the manufacturing. The main purpose of this chapter is to explore the Lean Six Sigma (LSS) in the manufacturing sector. This chapter focuses on the different critical aspects of LSS. Most studies on critical success factors (CSFs) have found senior management involvement and commitment as a CSF in the implementation of lean six sigma projects [10]. Carleysmith et al. [70] and Mustapha et al. [10] noted that senior support as a critical factor that enables the process of LSS implementation. Mustapha et al. [10] also identified senior management supports as the most vital institutional factors which enable implementation of the LSS framework. Delgado et al.