

An Analysis of Critical Success Factors of Six Sigma Implementation in Pakistani SMEs

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Abstract : The main purpose of any economic investment is to get profit at the end. As the investment in large organizations bears complexities, investors are influenced to invest in small or medium enterprises. With the increase of global competition in terms of quality and productivity, these small and medium-sized enterprises (SMEs) are trying to convert to modern production practices using Six Sigma. But this concept is still lacking in Pakistani SMEs. There are some critical success factors which influence the successful implementation of Six Sigma. Through this paper, an attempt has been made to identify various CSF for successful implementation of Six Sigma in Pakistani SMEs with the help of a structured survey. On the basis of responses to the questionnaire, factor analysis is performed on the selected critical success factors (from literature) to prioritize the critical factors and those are rated by calculating descriptive statistics. This paper will provide a base for Pakistani SMEs and future researchers working in six sigma implementation and help them to prepare a road map to eradicate the hurdles in six sigma implementation.

Keywords : critical success factors, SMEs, Six Sigma, CSF

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