

Analysis of Critical Success Factors of Six Sigma in Pakistani Small and Medium-Sized Enterprises

Authors : Zanjbeel Tabassum, Cahit Ali Bayraktar, Asfa Muhammad Din, Murat Durucu

Abstract : Six Sigma is a widely adapted quality improvement methodology applied throughout the world. Through this paper, an attempt has been made to identify Critical Success Factors (CSF) for successful implementation of Six Sigma in Pakistani Small and Medium-sized Enterprises (SMEs). A survey methodology was used to collect the data from SMEs in Pakistan. The results of this exploratory empirical research reflect the importance of different CSFs of Six Sigma implementation in SMEs in Pakistan. On the basis of extracted factors, a framework has been proposed for successful Six Sigma implementation in Pakistani SMEs. This study 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, small medium enterprises (SMEs), six sigma, Pakistan

Conference Title : ICIE 2016 : International Conference on Industrial Engineering

Conference Location : Kuala Lumpur, Malaysia

Conference Dates : August 18-19, 2016