

**To produce high mix products with same machine by eliminating  
non value added activities to reduce change over time by  
implementing SMED in Knitting department of INTERLOOP  
Faisalabad**



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# DEDICATION

*To our caring Parents.....*

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## **ABSTRACT**

Changeover time was the big issue for INTERLOOP'S knitting department and because of it they cannot achieve high mix products. We help to reduce changeover time by implementing "Single Minute Exchange of Dies". They are using hit and trial method to change their setup to one product to other also they don't have any standardize method to change setups efficiently. So that's why their changeover time was very high and because of time constraint they also have troubles to achieve their daily knit socks requirement. When the time was to change the setup machine stops and downtime was very huge and that's why production stops and which effects their lead time directly. We gave them solution which is implementation of SMED in their Knitting department. When we start's working on SMED we analyze that the worker who involve in changeover did many extra activities and rework. The thing we do is to eliminate the maximum possible extra activities which are also known as Mudas. We standardize the whole changeover procedure gave responsibilities to those who involves directly and in directly in changeover. Due to these implementations we achieved our target which reducing changeover time and achieving high mix products.

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