

## APPLICATION OF IMPROVEMENT OF SYNCHRONIZED MANUFACTURING SYSTEM

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### ABSTRACT

Our history of development is too weird but systematic enough to make us understand many changes, which are continuously in process even today. To start with, we can recall man making fine by rubbing stone, making tools, cultivating land to produce and then making wheel to transport. This was one part of the development of man of ancient times. Then, with the passage of many decades man became more mightier, stronger, more intellectual to harness the already present and invented energy. He learnt the use of metal, he casted them, he started manufacturing; This further continues the story of development. With the growth of man's intelligence there was origin of many developments. He could think for his betterment. And, with the growth of man's quantity there originated revolutions. One such revolution started the actual process of industrial development was INDUSTRIAL REVOLUTION in 1750 the man's power to think, grow & develop himself by using nature for his betterment gave him the freedom to use anything and everything as he desired. For quite a long time this scenario continued until nature did not intervene. Man started destroying nature for its requirements and so nature showed its reciprocatory effects. Then man pondered nature & its effects and here came the changes or restrictions which became mandatory. With this thought came the theory of many wise men on the ways of manufacturing & producing in harmony with the dispositioned nature. There were notion on ways of working, processing, usage and even the quality of material produced. Man became more conscious of the quality. He started demanding durability of his manufactured products without any harm to biosphere and so he valued quality. QUALITY became the integral part of human activity. With the further growth of Industrial Revolution (1787), standards had more importance. Interchangeability of parts was given preference.

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