

## **Sustainable Manufacturing Framework for Small and Medium Enterprises**

**Authors :** Rajan Deglurkar

**Abstract :** The research carried out in this piece of work is on 'Framework of Sustainable Manufacturing for Small and Medium Enterprises'. It consists of elucidation of concepts about sustainable manufacturing and sustainable product development with critical review performed on seven techniques of sustainable manufacturing. The work also covers the survey about critical review of awareness in the market with respect to the manufacturers and the consumers. The factors and challenges for sustainable manufacturing implementation are reviewed and simple framework is constructed for the small and medium enterprise for successful implementation of sustainable manufacturing and sustainable product.

**Keywords :** sustainable development, sustainable manufacturing, resource efficiency, framework for sustainable manufacturing

**Conference Title :** ICSM 2014 : International Conference on Sustainable Manufacturing

**Conference Location :** Zurich, Switzerland

**Conference Dates :** July 30-31, 2014