

Exploring Manufacturing Competency and Strategic Success: A Review

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Abstract : Eminence, charge, deliverance, modernism, and awareness underlie most manufacturing strategic plan today. Firms have traditionally pursued the above tasks through the implementation of advanced technologies and manufacturing practices, such as Reverse Engineering, Value Engineering, worker empowerment, etc. Recent developments in industry suggest the materialization of another route to manufacturing brilliance, that is, there is an increasing focus by industry regulators and professional bodies on the need to stimulate innovation in a broad range of manufacturing competencies. By 'competencies' we mean the methods, equipment and expertise that can be developed as a leading capability in one market sector or application and have real potential to be applied successfully across other sectors or applications as well. Further, competencies are the ability to apply or use a set of related knowledge, skills, and abilities to perform 'critical work functions' or tasks in a defined work setting. Competencies often serve as the basis for skill standards that specify the level of knowledge, skills, and abilities required for success in the workplace as well as potential measurement criteria for assessing competency attainment. The present research is so designed to come up to the level of the expectations of the industrialists, policy makers, designers of the competencies, specially, the manufacturing competencies upon which the whole strategic success of the industry depends.

Keywords : manufacturing competency, strategic success, manufacturing excellence, competitive strategy

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