




Organizational barriers to the sustainable manufacturing system: A literature review

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Highlights

- Identifies the organizational barriers to sustainable manufacturing.
- Identifies and highlights the detailed learning associated with the sub-causes of sustainable manufacturing barriers.
- Contributes to the practitioners, a better understanding of the sustainable value metric of the sustainable organization.
- Develop an understanding of performance adoption and performance measurement model for sustainable manufacturing system.
- Develop a research framework, to study the impact of sustainable manufacturing barriers on organizational performance.

Abstract

The scarcity of resources and ecological imbalance has attracted the government and manufacturing organizations to go for sustainable development of the manufacturing industries. Sustainable manufacturing uses ecologically sound, socially sustainable products, processes, system, and supply chain. Sustainable manufacturing improves the firm's social, market, environmental, ecological, economic, and financial performance. However, various studies have taken place on sustainable manufacturing barriers, enablers, and drivers; still, many organizations do not opt for a sustainable manufacturing system either due to the multi-objectives of the business or various internal or external barriers. The main objective of this paper is the identification of various barriers and their sub-causes so that a more strategic approach can be planned by the policymakers to overcome the sustainable manufacturing barriers. The study contributes to the detailed understanding of sustainable