

A Review - Impact of Industry 4.0 in Supply Chain

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Abstract

This paper focuses on understanding the importance of implementing Industry 4.0 technology in the supply chain as many companies are still using traditional supply chains and are suffering from high costs, whereas there are companies that are either afraid to move towards Industry 4.0 or have no idea of how to proceed. The framework of this paper was created by reviewing the latest published articles. Furthermore, the paper explores the capability of industry 4.0 in attaining sustainability and highlights the need to have more research on the practical implementation of industry 4.0 in the supply chain for empirical understanding.

Keywords

Industry 4.0, Supply Chain, Sustainable Development, Implementation of Technology

Biography

Siwangi Rawat is pursuing MBA in Marketing specialization from the Institute of Management, Nirma University (India). She received her undergraduate degree in BCom Hons from Delhi University. Her areas of interest include supply chain management, operations research, and product management.

Dr. M.B. Kiran is an Associate Professor in the Department of Mechanical Engineering, School of Technology, Pandit Deendayal Petroleum University, Gandhinagar, Gujarat, INDIA. He earned his graduation (B.E.) from the University of Mysore in 1987. He did his post-graduation (M.E.) in Production Engineering from P.S.G. College of Technology (1991) and Doctoral degree (Ph.D.), in Surface Metrology from Indian Institute of Technology (I.I.T.), Madras in 1997. He has Industry/Research/Teaching experience of 25 years. He has published technical papers in many reputed national/international journals and conferences. He is a member of the Project management Institute (P.M.I.), U.S.A. He is a certified project manager (P.M.P.) from P.M.I. He has completed many mission-critical projects. He has conducted many training programs for working executives.