



A CSIR Publication

J Sci Ind Res (Monthly)
SEPTEMBER 2025
CODEN: JSIRAC (84) (09) 927-1036(2025)
ISSN : 0022-4456
e-ISSN: 0975-1084
jsir@niscpr.res.in

Single Copy: ₹ 576.00 \$ 78.00
Annual Subs: ₹ 5760.00 \$ 780.00

Journal of Scientific & Industrial Research



<https://niscpr.res.in>

CSIR-National Institute of Science Communication And
Policy Research
New Delhi, INDIA

VOLUME 84**NUMBER 9****September 2025**

CODEN: JSIRAC (84)(09) 927-1036 (2025)

ISSN: ISSN: 0022-4456 (Print); 0975-1084 (Online)

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A considerable number of works have been conducted that reviewed broadly SSCM and sustainability implementation and provided managerial and conceptual frameworks on these issues. Very few articles have discussed the literature on the barriers and enablers for the application of SSCM in Indian industries, followed by insights into their implementation. This study conducted a systematic review of quantitative supply chain models that have analyzed the factors of SSCM and prioritized them by employing decision analysis tools