

Manuscript ID : 00000-48822

International Journal of Mechanical Engineering and Technology

Volume 8, Issue 7, July 2017, Pages 1465-1473, Page Count - 9



Source ID : 00000002

ANALYSIS OF THE BARRIERS FOR IMPLEMENTING GREEN SUPPLY CHAIN MANAGEMENT (GSCM) PRACTICES ON ORGANIC IRRIGATION: AN ANALYTICAL HIERARCHY PROCESS (AHP) APPROACH

Atul K. Shrivastava ⁽¹⁾ S.K. Kumaraswamy ⁽²⁾ Anil Midathda ⁽³⁾ Uday Krishna Ravella ⁽⁴⁾

⁽¹⁾ Research Scholar, Lovely Professional University, Punjab, India.

⁽²⁾ Research Associate, Institut de Chimie de la Matière Condensée de Bordeaux, Bordeaux, France.

⁽³⁾ School of Mechanical Engineering, Lovely Professional University, Punjab, India.

⁽⁴⁾ Assistant Professor, Lovely Professional University, Punjab, India.

Abstract

From the last few years Green Supply Chain Management (GSCM) has been an vital tool in the academia, manufacturing and agriculture sector for optimization of resources while protecting environment. Now government as well as consumer are attractive toward more environment saving platform due to which government implementing ecological regulation to save environment. As per the farmer side, farmers need to reduce the ecological affect causes by agriculture. The main purpose of this paper is to identify 10 barriers significantly arises upon implementing GSCM and define the relationship among the 10 barriers and identifying the most influential barrier amongst the listed 10 barriers. Sorting and ranking is done with the help of AHP (Analytical Hierarchy Process) technique. The study is taken in three different level first identification of barrier, second defining the barrier and last sorting of barrier using AHP. Strong Information and understanding of these barriers will backing farmer and agronomist to arrange better and achieve their capitals in a proficient and effective way.

Author Keywords

Green Supply Chain Management, Analytical Hierarchy Process.

Index Keywords

AHP, Chain Management, Analytical Hierarchy.

ISSN Print: 0976-6340

Source Type: Journals

Publication Language: English

Abbreviated Journal Title: IJMET

Publisher Name: IAEME Publication

Major Subject: Social Sciences and Humanities

Subject area: Geography, Planning and Development

ISSN Online: 0976-6359

Document Type: Journal Article

DOI:

Access Type: Open Access

Resource Licence: CC BY-NC

Subject Area classification: Social Sciences

Source: SCOPEDATABASE

Reference