A FUZZY MULTI OBJECTIVE TECHNIQUE FOR THE QUANTITY TO BE ORDERED ON SUPPLIER

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ABSTRACT

Economic growth and environmental protection are mutually conflicting in nature. Both issues are to be addressed simultaneously in order to sustain green supply chain management. Suppliers and customers have to focus these aspects in deterring their business relationship. An effort is made here to deploy multi criteria technique fuzzy ahp, Taguchi loss function and fuzzy multi objective technique to ascertain the quantity to be ordered on the supplier. Case study is conducted.

The results are impressive.

KEYWORDS: Green Supply Chain, Fahp, Taguchi Loss Function & Multi Objective Technique

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