ISBN	978-93-88122-14-6	VOL	01
Website	www.veltech.edu.in	eMail	nisdce@veltech.edu.in
Received	02-May-2020	Accepted	17-May-2020
Article ID	NISDCE131	eAID	2020.nisdce.131

MULTI CRITERIA DECISION ANALYSIS FOR INVENTORY MANAGEMENT

Gaviyaa M A[1] Logesh Kumar M[2]

[1] PG Student, Sona College of Technology, Salem, Tamil Nadu.
[2] Assistant Professor, Sona College of Technology, Salem, Tamil Nadu.

ABSTRACT: Infrastructure development involves a huge number of raw materials for the construction which on proper management yields 2% to 3% profit. Nevertheless, there is a lack of proper inventory management system. Unlike other industry, in most cases, the stock manager of construction industry goes for very basic system of inventory management like paper keeping. This system proves to be very tedious when the inventory to be managed is more. After the development of computer systems and operational research, many number of inventory management software were developed. These software's run with some models to segregates the inventory item into some definite class for later management. The aim of this project is to find a suitable model that can categorize the construction inventories into three broad classifications and use it for further inventory management. In this project, the classification is based on multi criteria to prevent subjectivity of an item over single criteria.

Keywords: *Multi-criteria, Inventory Model, Single Criteria, Inventory Management*