KIT - KALAIGNAR KARUNANIDHI INSTITUTE OF TECHNOLOGY

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RETAIL STORE STOCK INVENTORY ANALYTICS

LITERATURE SURVEY -1

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S.NO	TITLE	PUBLICATION	TECHNIQUE	PROPOSED WORK
1.	Selective Inventory Control Using ABC and FSN Analysis in Retail Sector	Amit Kumar Dr.A.C.Shukla (2013)	FSN Analysis ABCAnalysis ABC-FSN (Combined) Matrix Analysis	Inventory is the most important assets of any Enterprises whether it is micro, small or medium. The efficient use of selective inventory control model will result high flexibility and control over surplus and deadstock inventory. The aim of this study is to identify various factors that affect the enterprises performance in urban region. The study is conducted in A2Z Pharmacy store in an urban region. Data that has been collected is of primary type and has been collected from the database of the pharmacy store. ABC and FSN analysis methods are used on 190 types of medicine. ABC-FSN matrix is prepared using ABC and FSN combined analysis. On the basis of combined analysis and priority matrix there are three sub-categories in which some sub-category element has to be eliminated by anyhow and some sub-category element has to be maintained with minimum stocks (i.e. safety stock) and some sub-category elements has to be maximised or maintained.
2.	Retailing and retailing research in the age of big data analytics	Marnik G. Dekimpe (2019)	Big data analytics Retail Stock	As a research domain, the retail sector has always had many appealing features, such as its size, its multi-faceted and dynamic nature, the possibility for researchers to exploit their own domain knowledge, and an extensive coverage by business analysts. In addition, the above-average availability of good-quality data has historically been an additional selling point to empirical researchers. The paper considers to what extent the latter still holds, and explores a number of additional opportunities and challenges that emerge from the ongoing big data revolution. This

				is done from five perspectives: retail managers, retailing researchers, public-policy makers, investors, and retailing educators.
3.	Analysis of Different Inventory Control Techniques: A case study in a Retail shop	Sarojit kumar Chitra Karmaker Ariful Islam Nazmul Hossain	ABC Analysis. HML Analysis. Econimic Order Quantity(EOQ). Safety Stock(SS).	The inventory of materials constitutes the most significant part of current assets and working capital in any organisation. A small saving in the inventory will mirror a crucial edge in benefit of the organisation. In Bangladesh, the retail shops generally face two types of inventory related problems which are either stock-out or overstock. As a result, most of the shops fail to maintain their product availability with lowest possible inventory cost. Through proper inventory control techniques, probability of stock-out as well as overstock situations in the retail shops can be minimised. The present paper is a case study of different inventory control techniques for efficient inventory management system of a retail shop of Bangladesh. The sole purpose of the study is to provide a guideline for inventory managers that will help them to ensure product availability at right quantity as and when required. Relevant data were collected from a renowned retail shop, namely, Pran RFL group, Bangladesh. This real case demonstration will certainly help the future researchers as well as the Bangladeshi manufacturers to maintain proper control & management of inventories