

DRUG INVENTORY ANALYSIS (ABC, VED ANALYSIS) IN UTTAR PRADESH



UPMSC is an organization for the centralized and transparent procurement and distribution of drugs, equipments and other consumables. It performs the monitoring records via Drugs and Vaccine Distribution Management System (DVDMS) related to indents/requirements, purchase orders, supply and consumption of drugs, consumables and medical equipments.

Mission

UPMSC is a health care organization committed to deliver excellent health care for one and all by providing best of medicines and services. Our mission is to improve the health of the people and we serve with a commitment to excellence in all that we do.

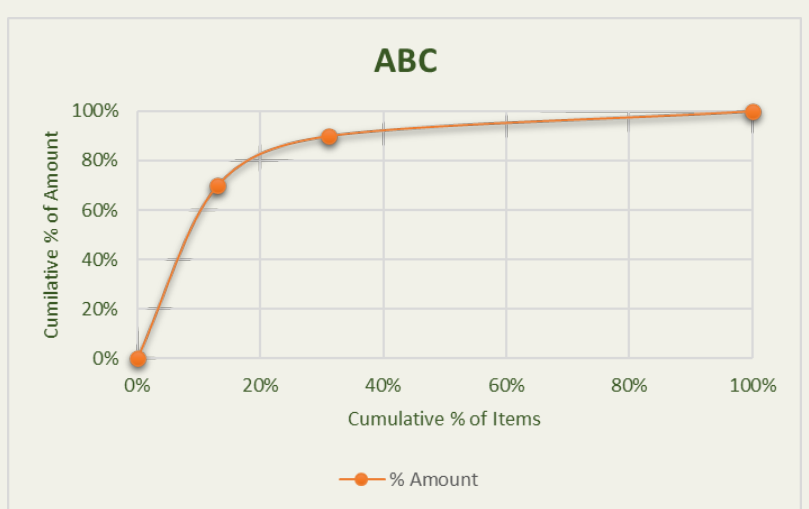
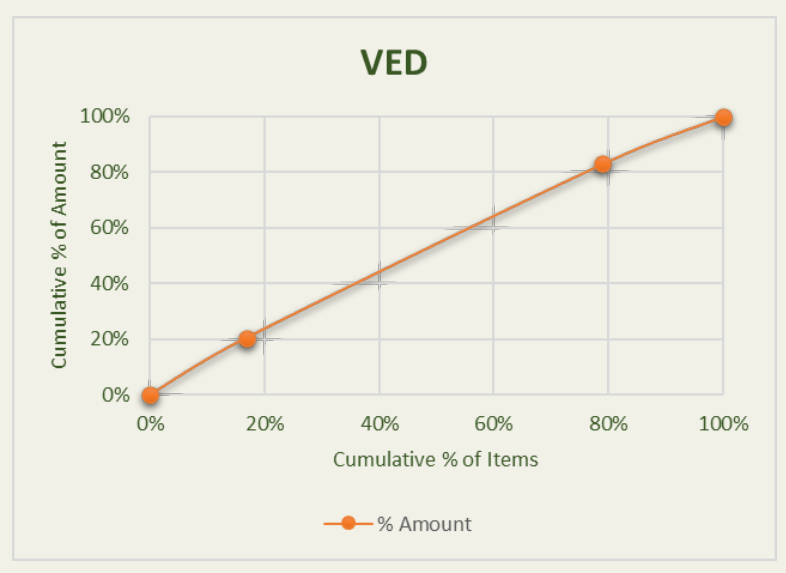
Vision

To meet the dynamic needs of state health. It strives to maintain the adequate availability of drugs, equipments and other consumables at warehouses by obtaining best procurement procedures.

Name- Nikunj Talwaria
Roll no.- 0412
Batch- PM-14
Organisation Mentor- Dheeraj Sonkhiya
Faculty Mentor- Sudhindhar Singh Chowhan

Analysis

On VED analysis it was found that 17%, 62% and 21% items belong to V, E, and D category items, respectively, accounting for 20%, 63% and 17% of the value.



On ABC analysis it was found that 13%, 18% and 69% items belong to A, B and C category items, respectively, accounting for 70%, 20% and 10% of the value.

Introduction

ABC analysis is a method of classifying items or activities according to their relative importance. The analysis classifies the items into three categories: the first 10-15% of the items account for approximately 70% of cumulative value (cost) (category A), 20-25% are category B items that account for a further 20% of the cumulative value and the remaining 65-70% are category C items, amounting for a mere 10% of the total value.

VED analysis is based on critical values and shortage cost of the item. Based on their criticality, the items could be classified into three categories: vital, essential and desirable.

Difference betewen Practical exposure and theoritical understanding

Theoretical learning primarily aims to develop cognitive skills such as critical thinking, problem-solving, and analytical abilities. It helps individuals understand the underlying principles and theories that govern warehousing operations. Practical learning, however, focuses on developing technical skills and operational competence. It involves actively engaging in tasks such as inventory management, material handling

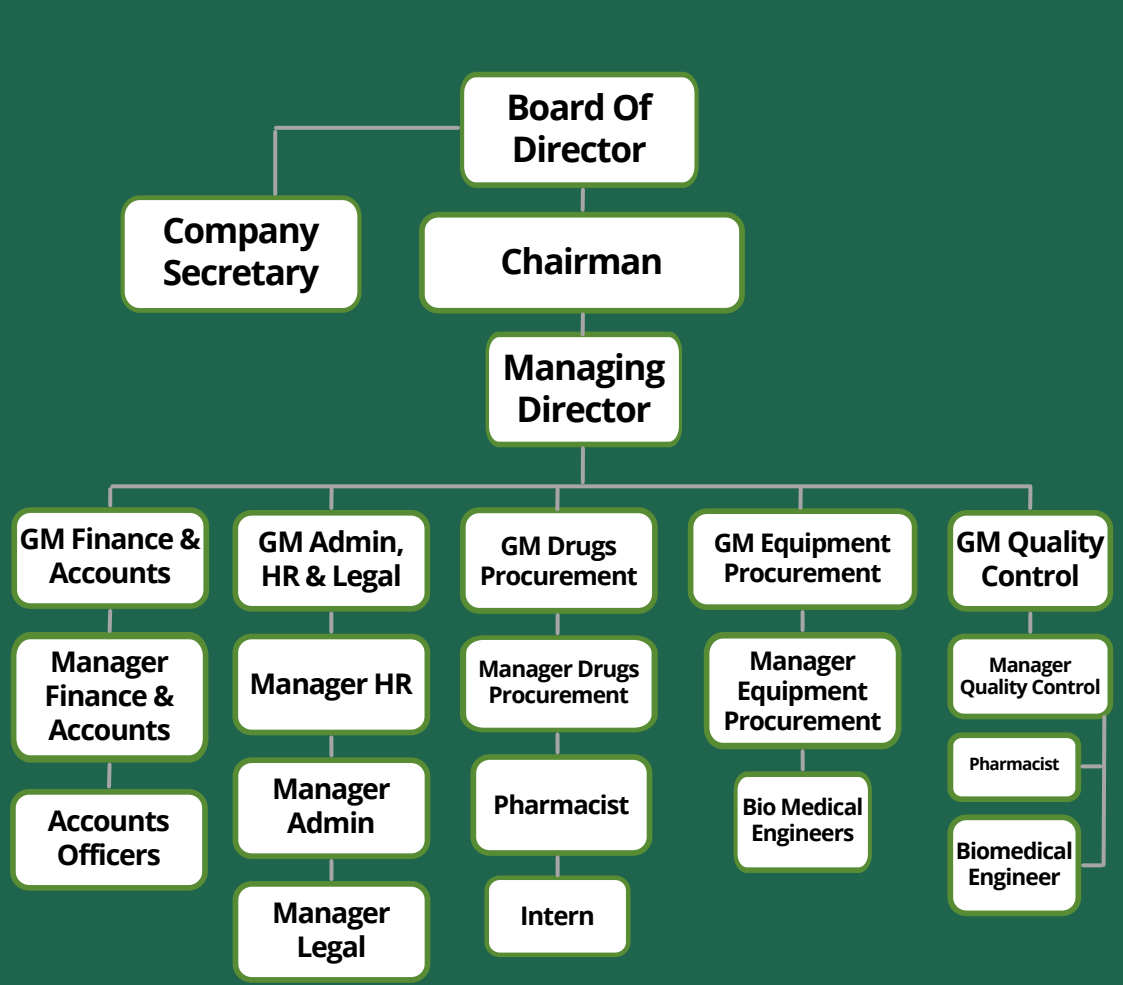
SWOT analysis of Lucknow Central Drug Warehouse

STRENGTHS	WEAKNESS
- It is known to handle, monitor, review the drugs and equipment of India's largest population and a state having largest no. of districts. - The warehouse is staffed with skilled and dedicated workforce which possess the necessary expertise to maintain inventory accuracy, perform quality checks, and ensure smooth logistics.	Excess of Inventory, which is not managed properly. No proper storage conditions for many of the drugs and equipments. There are no proper equipments to handle inventory e.g., absence of racks for the proper inventory management. Also, there is no proper system of segregation.
OPPORTUNITIES	THREATS
Inter Warehouse Transfer (IWT) can be performed for managing Excess Inventory. It can be converted to an ideal warehouse in coming days if some more focus is given on meeting the requirements of the ideal warehouse.	Excess inventories if not cleared, can lead to expiry of items.

Learnings

- Understood the importance of different departments in the organization and how they collaboratively work for smooth functioning of the organization.
- Learnt about the current process of smooth functioning of warehouse such as receiving the inventory, generating Material Receiving Certificate (MRC), issuing of the items from the warehouse, how to effectively manage the inventory, etc.
- Visited Ideal Drug Warehouses and learnt about the conditions for a warehouse to be called as Ideal Drug Warehouse.
- Understood the process of how the Quality department works and need of sending the samples for Quality Check.
- Got knowledge about the Drug Vaccine Distribution Management System (DVDMS) portal.
- Learnt about the technical bid evaluation in the process of procurement.
- Understood the concept of comparison of prices in UPMSC with prices in different states Medical Supplies Corporation.
- Gained knowledge about the terms required for a company to be qualified in a technical bid.

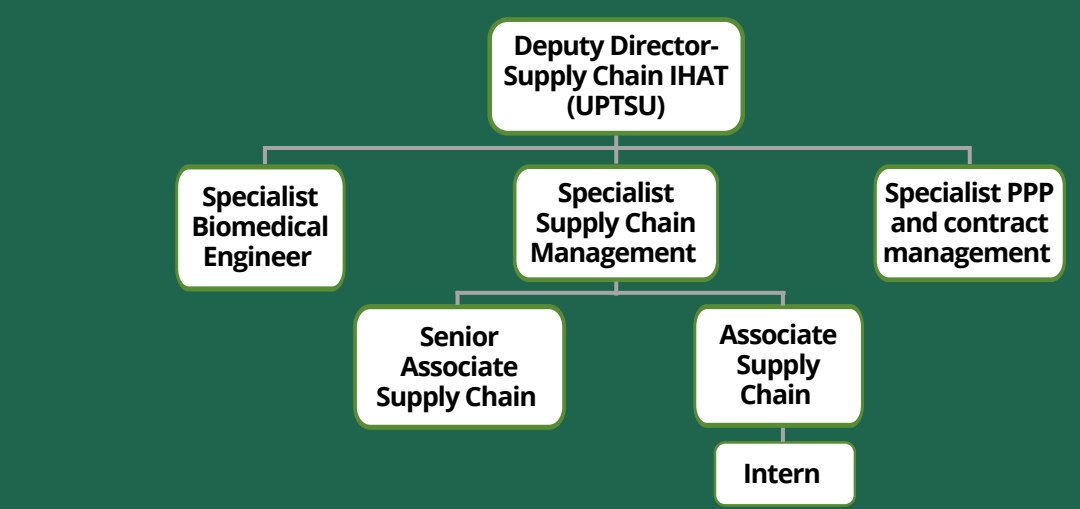
Organization Chart (UPMSCL)



Suggestions

- Additional emphasis should be placed on generating Purchase Orders (P.O.) for drugs/items categorized as A in ABC analysis and V in VED analysis.
- Review the categorization of drugs based on changing usage patterns, market conditions, and treatment protocols. This will help optimize inventory management, ensure adequate availability of critical drugs

Organization Chart (IHAT- TSU)



Challenges faced during Internship

In initial days, lack of experience made it challenging to navigate workplace dynamics, understand expectations, and perform tasks efficiently.

Usefulness of Internship

Internships offer a valuable learning experience that combines practical application, skill development, industry exposure. They provide a bridge between academic learning and the professional world, equipping individuals with the necessary skills, knowledge for career.