

SUMMER INTERNSHIP PROGRAM

at

**Maharao Bheem Singh Hospital
Kota, Rajasthan**

From 15 May 2025 to 29 July 2025

A REPORT BY

Yogansh khare

Master of Business Administration

Pharmaceutical Manegement

Roll No. 0669

2024-26

Under the Mentorship of

Dr. Sudhinder singh chowhan





Name of Institution- *MBS Hospital, Kota (Raj.)*

Completion Certification from the Organization

CERTIFICATE

This is to certify that Dr./Mr./ Ms. ***Yogansh Khare*** of ***MBA-PM 16/ IIHMR University*** has worked with our organization for his/her summer internship from ***15/05/2025*** to ***29/07/2025*** The overall performance shown by him/her during the period was excellent/good/average.

Date: -

(Signature of organization Mentor)

Name – *Dr. Dharm Raj Meene*

Designation – *Medical Supdt.*

Seal Stamp of the Organization.

अधीक्षक
महाराव भीमसिंह चिकित्सालय
कोटा

अधीक्षक,
महाराव भीमसिंह चिकित्सालय,
कोटा (राज.)।

IIHMR University Faculty Mentor Approval

This is to certify that **Mr. Yogansh khare** of academic year 2024-26 of **School of Pharmaceutical Management** has prepared a poster with respect to his summer internship held during May-July 2025,

He has carried out work as per the guidelines. His poster is approved for presentation,

Date: 30/07/2025

A handwritten signature in blue ink, appearing to read 'Sudhinder Singh Chowhan'.

Dr. Sudhinder Singh Chowhan
Professor at IIHMR University



POFILE OF ORGANIZATION

Maharao Bheem Singh (MBS) Hospital, located in Kota, Rajasthan, is affiliated with Government Medical College, Kota. Established in 1992, its served as the largest government hospital in the region for many years, providing a wide range of medical services to the public. With a capacity of 750 beds, the hospital serves approximately 8 lakh patients annually

MISSION

To deliver high-quality, accessible, and patient-centric healthcare services in Kota, Rajasthan. This includes providing a wide range of medical treatments, surgeries, and procedures, as well as promoting patient health and well-being through various support services.

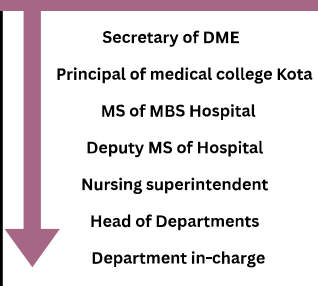
VISION

To be a leading healthcare provider in the region, known for its excellence in medical care, advanced facilities, and a supportive environment for patients and their families.

CHALLENGES

- Working ecosystem is rigid difficult to apply changes
- Mis-mangement of fast moving drug inadequate upgrades in system
- Crowd mismanagement

ORGANIZATION STRUCTURE



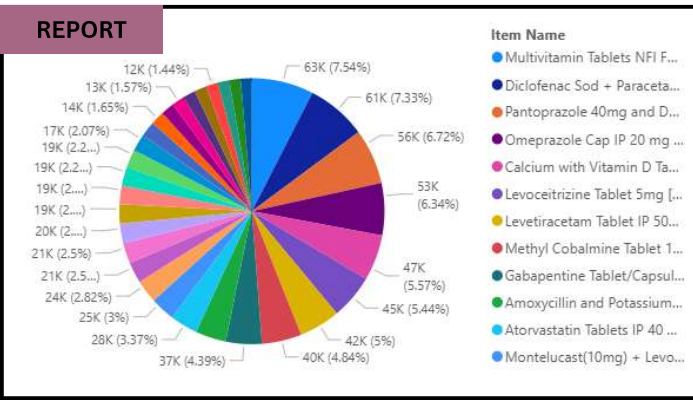
LEARNINGS DURING SIP

- Learned drug distribution process in Govt. hospital
- Usage of E-aushadhi platform and how to work on e-aushadhi platform
- Role of various schemes of government in healthcare
- Learned supply chain process how govt. procure medicine from various suppliers
- Gain insight how DDC and hospital store manage the supply of medicines

SIP PROJECT

The objective of this project is to understand how medicines are actually used in the hospital by collecting and analyzing data from different DDCs, on usage patterns of this year and prepare a detailed report. This helps in identifying high-demand drugs, forecasting future requirements, minimizing wastage, and ensuring efficient inventory management to support uninterrupted patient care in hospital supply chains.

Free/affordable medicines for patients Centralized drug control and monitoring Bulk purchasing reduces costs Supports rational and need-based drug supply	Lack of digitalization Limited storage space Occasional stockouts of essential medicines Dependence on government budget cycles
Use consumption data for better forecasting Digitization and e-DDC tracking Staff training for efficient handling Better services for patients	Delayed supply from suppliers/depots Policy changes affecting procurement Pilferage or misuse in the supply chain Expiry and wastage due to overstocking



KEY INSIGHT'S OF PROJECT

- Top Issued Drugs:
Multivitamin Tablets, Diclofenac + Paracetamol, Pantoprazole, Calcium + Vitamin D, Levetiracetam, Levoceitrizine
- High Issuance of Consumables:
Gloves, Syringes (5 ml & 10 ml), Perfusion Sets show high usage, reflecting consistent hospital procedures and patient load.
- Critical Chronic Medications:
Atorvastatin, Metformin, Gabapentin, Methylcobalamin issuance highlights the ongoing management of chronic conditions



Reporting Format (Weekly)

Name of the Organisation: MBS HOSPITAL KOTA

Area/ Department/ Project of Summer Internship Program: supply chain

Name of the Student: yogansh khare

Roll no: 0669

Stream: MBA-PM

Week no:01 **From:**15/05/25 **to**17/05/25

Activity Done	Discussed my sip objectives with my mentor in organization Learned how supply chain department work in hospital by coordinating with other departments Platform that used to manage supply chain in govt.(e-aushadhi)
Linking theory (Classroom learning) with practice at your organisation	Esprit de Corps centralization
Gaps identified on the working area.	Lack of digitization process in supply chain
Suggestions for improvement	More focusing on digitization in supply chain Less use of paper of work
Plan for the next week	How to raise indent generation in e aushadhi platform More insight of e aushadhi platform

Signature of the Student- yogansh khare

Approved by the IIHMR University's Mentor

On the last day of every week Saturday -) report in the above format should be submitted to the faculty mentor. Submission of total 10 reports in 10 weeks is compulsory. Each report should not be more than 2 pages.

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Area/ Department/ Project of Summer Internship Program: supply chain

Name of the Student: yogansh khare

Roll no: 0669

Stream: MBA-PM

Week no:02 **From:**19/05/25 **to**24/05/25

Activity Done	Throughout week learned how e-aushdhi used in supply chain management from drug warehouse to delivering medicines to patient(DDC). How various function work in e-aushadhi like Indent generation, acknowledge desk, local purchase receive, issue to DDC, Disposal of expired medicine and many more.
Linking theory (Classroom learning) with practice at your organisation	None
Gaps identified on the working area.	Manual Dependencies Slow Internet/Server Issues
Suggestions for improvement	Automate More Processes
Plan for the next week	Make a presentation on process of supply from center govt. to state and state to patient.

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Area/ Department/ Project of Summer Internship Program: supply chain

Name of the Student: yogansh khare

Roll no: 0669

Stream: MBA-PM

Week no:03 **From:**19/05/25 **to**24/05/25

Activity Done	Working on presentation of Drug distribution in govt hospital from center govt to state govt and how medicine reaches to patient and presenting in front of mentor.
Linking theory (Classroom learning) with practice at your organisation	None
Gaps identified on the working area.	None
Suggestions for improvement	None
Plan for the next week	Discuss the project of SIP.

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Name of the Student: yogansh khare

Roll no: 0669

Stream: MBA-PM

Week no:04 **From:**02/06/25 to 07/06/25

Activity Done	Prepared report regrading push model of drug store Collected 2 day's data of MAA Yojna Staffing plan for new IPD building
Linking theory (Classroom learning) with practice at your organisation	None
Gaps identified on the working area.	Require more staff Wrong selection of packages
Suggestions for improvement	Hire adequate staff Flexibility in policy
Plan for the next week	Discussed with mentor on project

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Area/ Department/ Project of Summer Internship Program: supply chain

Name of the Student: yogansh khare

Roll no: 0669 **Stream:** MBA-PM

Week no:05 **From:**09/06/25 to 14/06/25

Activity Done	Observed drug distribution channel(DDC) whole week. How DDC can coordinate with each other DDC to provide medicines for patient and how can be streamline the process more.
Linking theory (Classroom learning) with practice at your organisation	None
Gaps identified on the working area.	Crowd mismanagement Not availability of drugs
Suggestions for improvement	Distribute crowd equal to each DDC Keep stock of fast moving drug by forecasting
Plan for the next week	Not Discussed yet

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Name of the Organisation: MBS HOSPITAL KOTA

Area/ Department/ Project of Summer Internship Program: supply chain

Name of the Student: yogansh khare

Roll no: 0669 **Stream:** MBA-PM

Week no:06 **From:**16/06/25 to 21/06/25

Activity Done	Working on project how to streamline the DDC process and better management of drugs
Linking theory (Classroom learning) with practice at your organisation	None
Gaps identified on the working area.	Improper arrangement of Fast-moving drug
Suggestions for improvement	Better arrangement for fast moving drug with proper labelling
Plan for the next week	Continue the project

Signature of the Student- yogansh khare

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Name of the Organisation: MBS HOSPITAL KOTA

Area/ Department/ Project of Summer Internship Program: supply chain

Name of the Student: yogansh khare

Roll no: 0669 **Stream:** MBA-PM

Week no: 07 **From:** 23/06/25 to 28/06/25

Activity Done	Collected the from DDC no.18,08 and 13 on weekly basis of one month to analyze the data which drugs are highly on demand. Sorting ,filtering ,organizing the data using the excel and created the visual and chart of the data usnig the Power Bi for understanding of data
Linking theory (Classroom learning) with practice at your organisation	None
Gaps identified on the working area.	None
Suggestions for improvement	None
Plan for the next week	Continue the project and collect the data from more DDC and analysisof data

Signature of the Student- yogansh khare

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Name of the Organisation: MBS HOSPITAL KOTA

Area/ Department/ Project of Summer Internship Program: supply chain

Name of the Student: yogansh khare

Roll no: 0669 **Stream:** MBA-PM

Week no:08 **From:**30/06/25 to 05/07/25

Activity Done	Collected the from DDC no.10,09 ,19 and 16 on weekly basis of one month to analyze the data which drugs are highly on demand. Sorting ,filtering ,organizing the data using the excel and created the visual and chart of the data usnig the Power Bi for understanding of data
Linking theory (Classroom learning) with practice at your organisation	None
Gaps identified on the working area.	None
Suggestions for improvement	None
Plan for the next week	Continue the project and analyse the data and get insight from the data.

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Reporting Format (Weekly)

Name of the Organisation: MBS HOSPITAL KOTA

Area/ Department/ Project of Summer Internship Program: supply chain

Name of the Student: yogansh khare

Roll no: 0669

Stream: MBA-PM

Week no:09 From:07/07/25 to 12/07/25

Activity Done	Prpared the chart of data collected from all DDC in power-BI to get insight of which drugs in demand on weekly basis in a month. Top Issued Drugs The analysis shows the highest issued drugs by quantity, indicating usage trends and priority for procurement planning: • Multivitamin Tablets: Consistently among the highest issued, reflecting general supplementation needs in OPD/IPD. • Diclofenac Sodium + Paracetamol: Widely used for pain and inflammation. • Pantoprazole 40mg: High issuance indicating frequent prescription for acid-peptic disorders. • Calcium with Vitamin D Tablets: Essential for supplementation, especially in elderly or deficient populations. • Methyl Cobalamin Tablets: Significant issuance reflecting treatment of neuropathy and deficiencies. • Levetiracetam Tablets: Indicates ongoing treatment of epilepsy in multiple patients. • Levoceitrizine 5mg: Commonly used for allergic conditions, showing seasonal usage spikes. • Gabapentin Tablets: Notable issuance, reflecting management of neuropathic pain.
Linking theory (Classroom learning) with practice at your organisation	None
Gaps identified on the working area.	None

Suggestions for improvement	None
Plan for the next week	Continue the project and analyse of data and get insight from the data.

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Name of the Student: yogansh khare

Roll no: 0669

Stream: MBA-PM

Week no:10 **From:**14/07/25 to 21/07/25

Activity Done	Prepared the presentation of collected data through out the project what drugs are highly in demand ,on the consumption basis and what are the current issue in DDC which are need to address so by improving them department can reduce the patient waiting time and increase the productivity of all DDC. Presented the PPT in front of Mentor.
Linking theory (Classroom learning) with practice at your organisation	None
Gaps identified on the working area.	No instruction in front of DDC like opening timing of DDC, queue Lack of security to manage the crowd
Suggestions for improvement	Increase the guard in DDC area Cordinates with other DDC which drugs are not available in one DDC Clear instruction outside of the DDC
Plan for the next week	None

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Submission of total 10 reports in 10 weeks is compulsory. Each report should not be more than 2 pages.*

Compiled Reporting Format

Name of the Organisation: MBS Hospital kota, Rajasthan

Area/ Department: Supply chain department

Name of the Student: Yogansh khare

Roll no: 0669

Stream: MBA-PM

Activity Done	Introduction with hospital faculty and Medical superintendent. Learned about the hospital administration structure how various department work. Discuss the internship objective of Summer internship program with organization mentor and what role and responsibility of mine and expectation from me. Learned the role of supply chain in hospital and how supply chain procure medicines and distribute to patients. Role of RMSCL in supply of medicine. How hospital drug store manages medicine and distribute to each DDC Role of E-aushadhi in supply chain management Various key features of E-aushadhi like • Indent generation • Acknowledge desk • Issue desk online • Drug inventory view • Offline return • Local purchase receive How to raise indent generation in e-aushadhi Learned the Drug distribution process • Role of central government • Role of state government • Role of RMSCL • Center warehouse • Districts warehouse • Hospital warehouse • Drug distribution channel Completed the presentation on Drug distribution process as requested by mentor and presented to mentor and faculty
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Prepared the report regarding the push and pull model what are the current issue hospital facing to apply in push model and submitted to DME.

Collected the data of MAA yojna as requested from DME
what are current issues in maa yojna
why most of the application are rejected
suggestion to improve the process

Prepared staffing plan for new IPD building according to the capacity of new IPD

Observed various DDC for the project and collected data from DDC 08,09,10,13 ,15 ,16,18 and 19 of medicine based on the consumption which Drugs and surgical equipments are Highly on demand.

Top Demanded drugs of the year(units)

- Diclofenac Sod + Paracetamol – 60K
- Pantoprazole 40mg – 55K
- Omeprazole Cap IP 20 mg – 50K
- Amoxicillin and Potassium Clavulanate – 45K
- Levocetirizine Tablet 5mg – 40K
- Atorvastatin Tablets IP 40 mg – 38K
- Methyl Cobalamine Tablet – 36K
- Gabapentine Tablet/Capsule – 34K
- Leviteracetam Tablet IP 500mg – 32K
- Paracetamol Tab IP 500 mg – 30K
- Montelukast(10mg) + Levocetirizine(5mg) – 28K
- Lactic Acid Bacillus Tab 60 million – 26K
- Losartan Potassium Tablets IP 50 mg – 24K
- Telmisartan Tablets IP 40 mg – 22K
- Amlodipine Tablets IP 5mg – 20K

Linking theory (Classroom learning) with practice at your organisation	Henry Fayol's 14 Principles Authority and Responsibility Discipline Order Esprit de Corps Subordination of Individual Interest
Gaps identified on the working area.	Lack of digitalization Manual entry Inadequate staff Lack of discipline Crowd mismanagement Unavailability of Medicine Lack of upgradations in e-aushadhi Less of cordination among DDC staff No proper arrangement for fast moving Drugs No clear instruction for patient like timing of DDC Wrong selection of package by doctor in MAA yojna
Suggestions for improvement	Increase the security staff in DDC area to improve crowd management Need updatation in e-aushadhi software Need proper communication channel like mic speaker and Mic for better communication between patient's and Pharmacist's Consult RMCSL for timely procurement of medicines Better coordination between staff
Key Learnings	Usage of E-aushadhi platform and how to work on e-aushadhi platform. Learned drug distribution process in Govt. hospital Role of various schemes of government in healthcare. Learned supply chain process how govt. procure medicine from various suppliers. Gain insight how DDC and hospital store manage the supply of medicines.

Signature of the Student - Yogansh khare

Approved by the IIHMR University's Mentor

Report should be maximum of 10-12 pages excluding the weekly reports and poster.

