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## About the organization



- Established in 1887, renamed after Maharana Bhupal Singh post-independence, affiliated with RNT Medical College since 1961.
- NABH-accredited multi-specialty government hospital offering digital and cancer care services.
- Operates a milk donation centre since 2013, saving over 13,000 newborns.
- Serves over 15 lakh OPD patients annually, including Udaipur and nearby districts

## Vision

To excel in all spheres of health services with an aim to serve humanity.

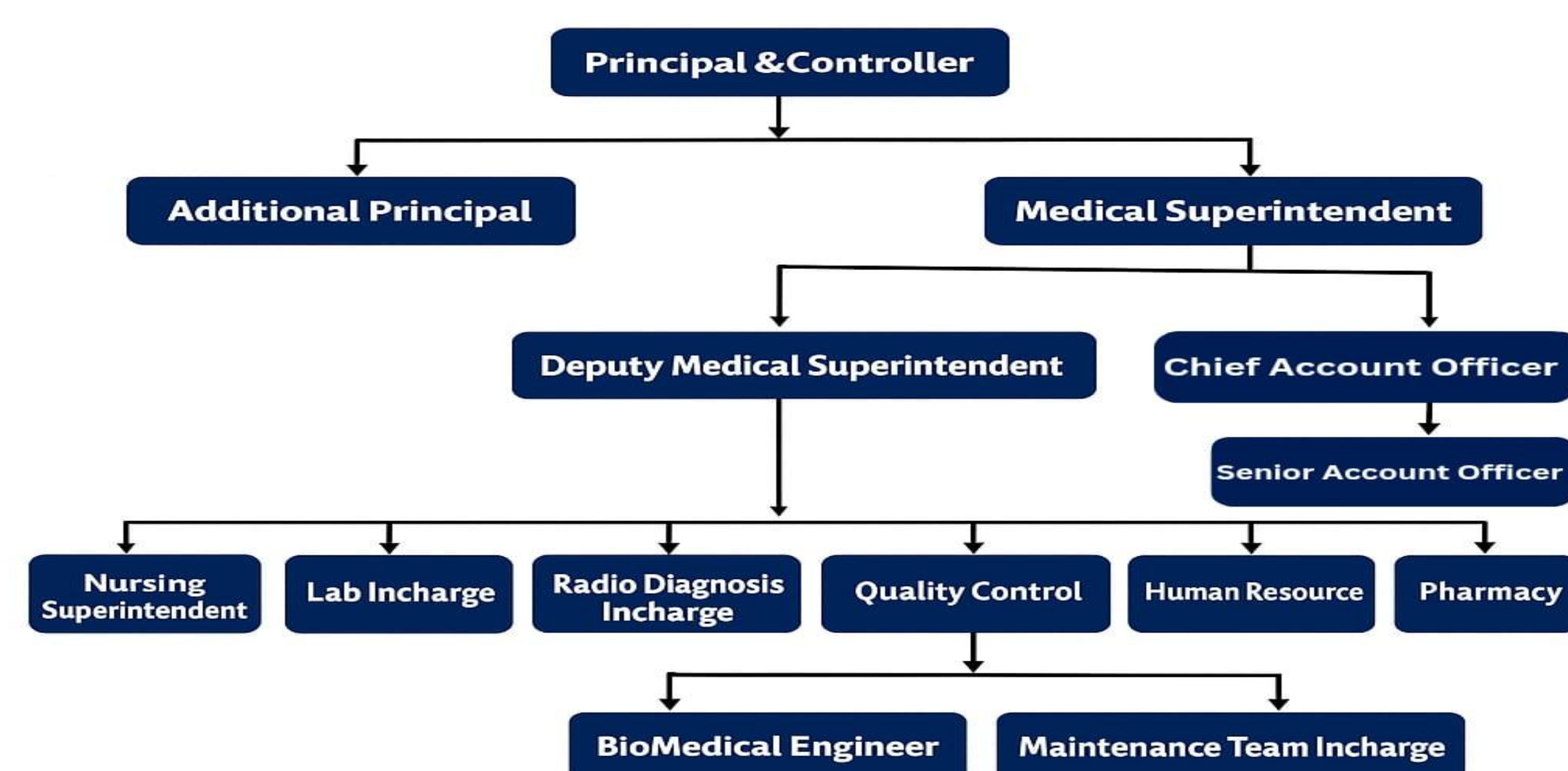
## Mission

Scientific medical approach for serving the humanity by quality care to everyone.

## SWOT ANALYSIS OF ORGANIZATION



## Organizational Structure



## Project Undertaken

# PARKING ANALYSIS

## Introduction

This project focuses on analyzing the current parking infrastructure at RNT Medical College & MB Hospital, Udaipur — Rajasthan's first government institution to implement a free and digitally enabled parking system. Through fieldwork, data collection, and feedback from guards and staff, the project highlights real issues like congestion, underutilized space, and manual entry gaps. Recommendations include capacity building, staff training, technology upgrades, and policy enforcement to build a safer and more efficient parking system.

## Objectives:

- To assess the current status and efficiency of the hospital's parking infrastructure.
- To identify operational issues and gaps in cooperation among staff, guards, and departments.
- To analyze data for inconsistencies between digital logs and real-time usage.
- To recommend practical, technology-driven, and policy-based improvements.

## Methodology

- Type of Study:** Applied, descriptive, and analytical (mixed-method).
- Sample Size:** 40 (Parking Guards and staff)
- Tools:** Excel, Data Analysis (Python)
- Sampling Technique:** Non-Probability Purposive Sampling.
- Field visits to all parking gates to observe real-time vehicle flow.
- Manual data entry system implemented with gate guards to collect entry/exit data.
- Informal discussions with parking staff to identify operational difficulties.
- Analysis of collected data to identify gaps, system contradictions, and behavioral patterns.

## Problem Statement

Despite having a digitally enabled parking system, the hospital continues to face challenges like congestion, staff non-cooperation, and underutilization of available parking spaces.

There is also a significant mismatch between digital entries and actual on-ground usage.

These gaps highlight the urgent need for infrastructure improvement, better monitoring, and system-level integration.

## Suggestion for Improvement

- Expand parking as per vehicle inflow data.
- Open upper floor with roofing and signage.
- Deploy 50–60 trained guards for complete coverage.
- Train guards in digital tools and occupancy monitoring.
- Install ANPR cameras, LED displays, and automated boom barriers.
- Improve signage for patient and staff navigation.
- Enforce parking zones and staff rules.
- Use parking data for future planning and policy.

## Challenges

- During Internship Resistance from government staff to adopt new systems.
- Initial pushback from computer operators in Single Window operations.
- No fixed role assignment and weak monitoring of staff duties.
- Difficulty accessing data due to reluctance from staff.
- Slow interdepartmental coordination due to excessive paperwork and approvals.

## Theoretical Study vs Practical Exposure

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| <ul style="list-style-type: none"> <li>Studied hospital administration models and patient flow systems.</li> <li>Learned about government health schemes like Janani Suraksha &amp; Maa Yojna.</li> <li>Understood data collection methods and report preparation techniques.</li> <li>Covered the importance of Queue Management Systems (QMS).</li> <li>Studied referral frameworks such as SETU.</li> <li>Learned coordination and resource management principles</li> </ul> | <ul style="list-style-type: none"> <li>Implemented a Single Window System to streamline patient entry (applied theory from admin models).</li> <li>Worked directly on Maa Yojna, resolved operational challenges, and assisted patients.</li> <li>Created a detailed DPR (parking management report) from raw data through recommendations.</li> <li>Designed and proposed a complete QMS layout and workflow based on theoretical principles.</li> <li>Visited hospital departments to evaluate SETU's functionality in real-world settings.</li> <li>Collaborated with staff and guards to execute actual hospital projects, showcasing resource management application.</li> </ul> |
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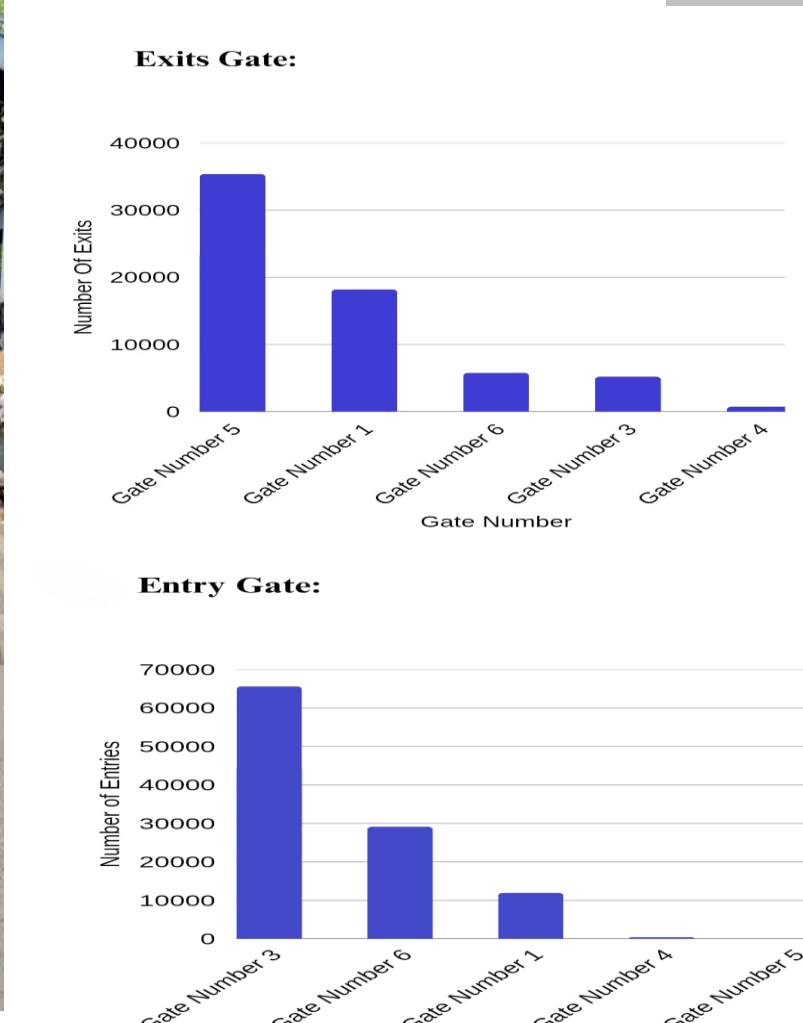
## Major Learnings

- Understood how hospital-wide systems (parking, QMS) impact patient experience and operations.
- Gained insight into real-world policy execution (e.g., Maa Yojna) and administrative challenges.
- Translated academic concepts into actionable plans (Single Window System, Parking DPR).
- Used field data to identify gaps and suggest improvements in parking infrastructure.
- Enhanced communication and coordination with staff and administration to implement changes.

FIG. 1

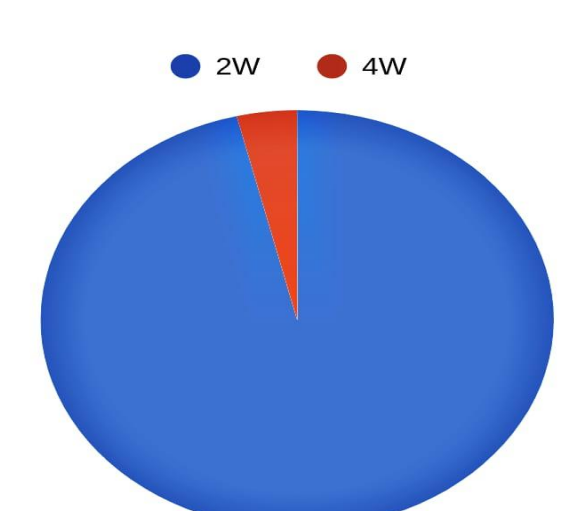


FIG. 2



## ANALYSIS

### 2. Vehicle Type Distribution:



Total Numbers of Vehicles 2W (Two-Wheelers): 96% 4W (Four-Wheelers): 4%

Insight : Majority of vehicles are two-wheelers.

FIG. 4

FIG. 3