



ABOUT:

. **SMS Hospital, Jaipur** is one of the largest government hospitals in India, established in 1934. It provides multi-specialty healthcare services and is affiliated with SMS Medical College. With over 6,000 beds and modern facilities, it serves thousands of patients daily from Rajasthan and nearby states. It offers advanced care in departments like cardiology, neurology, oncology, and trauma. The hospital is known for affordable treatment and medical excellence.

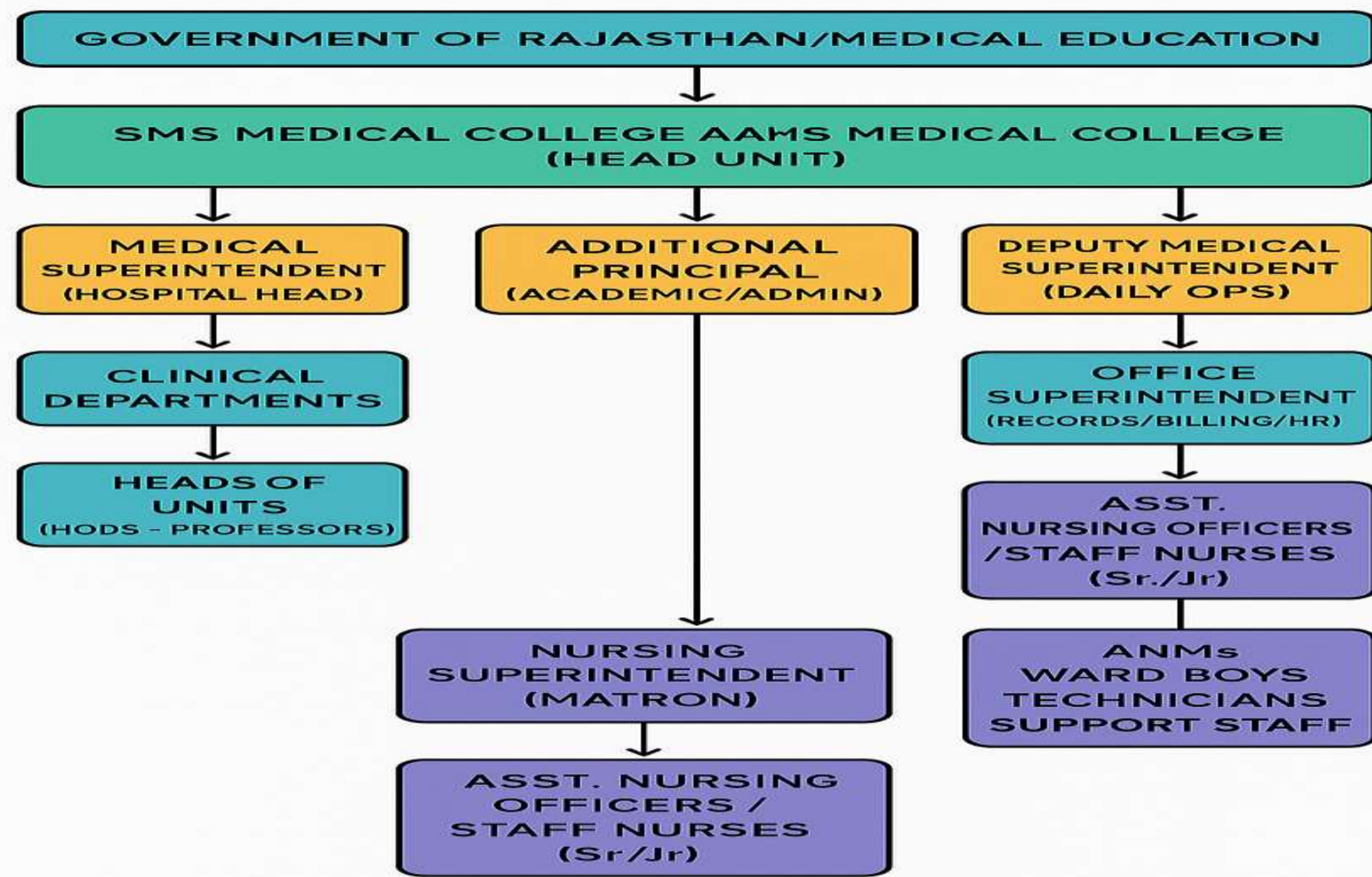
VISION:

To provide accessible, affordable, and high-quality healthcare to all sections of society while fostering excellence in medical education, research, and innovation. SMS Hospital envisions becoming a leading center of medical care and academic excellence in India, committed to compassionate patient service and continuous improvement.

MISSION:

- To provide comprehensive, affordable, and timely healthcare services to all.
- To train competent medical professionals through quality education and practical exposure.
- To promote research, innovation, and continuous improvement in healthcare delivery.

Organisation Structure



Doctor Desk Integration in IHMS: A Step Towards Smart Healthcare at SMS Jaipur"

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ANALYSIS AND INTERPRETATION OF DATA:

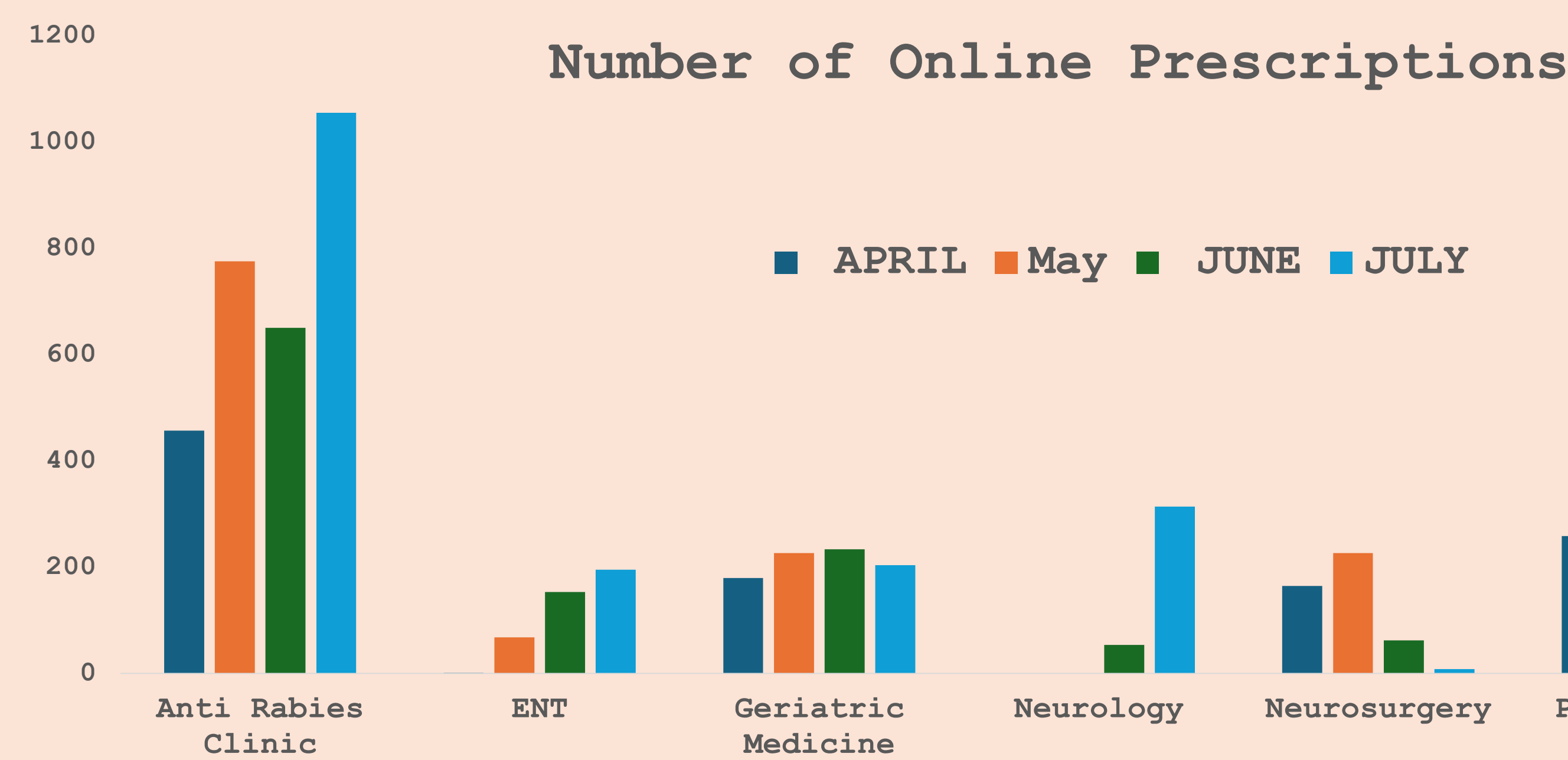
Analysis

SMS Hospital sees high OPD load, but only 40–60% doctors use Doctor Desk regularly. System issues and limited training affect usage. Still, digital prescriptions improve clarity and patient follow-up. More training and tech support are needed.

Interpretation

The data indicates that while Doctor Desk in IHMS offers clear benefits like improved prescription clarity and easier patient tracking, its usage remains low due to technical issues and lack of training. To fully realize its potential, focused efforts are needed to enhance system performance and encourage adoption through regular training.

Monthly Trend Analysis of Online OPD Prescriptions Across Departments (April–July 2025)



- **Practical Exposure**

- The graph on online prescriptions revealed that Anti Rabies Clinic had the highest digital adoption, followed by stable trends in Palliative and Geriatric Medicine. Neurology saw a sudden rise in July, while Neurosurgery declined. These patterns showed varying adoption levels across departments and highlighted system usage challenges and successes. This real-time data exposure helped strengthen my understanding of how analytics supports decision-making and digital transformation.

- **Theoretical Understanding at IIHMR University**

- Gained knowledge of EHR, HIS, and digital health frameworks
- Learned OPD workflow mapping and hospital operations
- Applied healthcare analytics to real-time system data
- Understood resistance to change via leadership concepts
- Linked classroom theory to National Digital Health Mission goals

- **Key Difference**

- At IIHMR, we learned how digital systems should work smoothly in hospitals. But during my internship, I saw that things aren't always so easy. Doctors were busy, the system was sometimes slow, and many still used paper records. It showed me the real gap between what we study and what actually happens in a hospital every day.

Learnings:

- Through this internship, I gained practical exposure to the challenges of implementing digital health systems in a busy public hospital. I improved my communication and analytical skills, applied classroom concepts in real scenarios, and understood how national health policies are translated into practice. This experience helped me build confidence in problem-solving and system evaluation.



SMSHOSPITAL(JAIPUR)

OBJECTIVES:

- To digitize patient records and reduce paperwork.
- To improve efficiency in clinical workflows.
- To support quick and accurate decision-making.
- To enhance patient care and safety.
- To promote smart and transparent healthcare delivery

STRENGTHS:

- Real-time digital entry improves accuracy.
- Reduces paperwork and speeds up workflow.
- Easy access to patient data supports decisions.

WEAKNESSES:

- Limited digital training among staff.
- Time constraints during OPD hours.
- Resistance to shifting from paper-based methods

SWOT

THREATS:

- Data security and privacy concerns.
- Dependence on stable internet and system uptime.
- Resistance from clinicians due to increased workload.

OPPORTUNITIES

- Expand digital integration across all departments.
- Train staff to improve digital adoption.
- Use AI and analytics for smarter healthcare.

Challenges faced :

- Limited time for data entry during busy OPD hours.
- Lack of proper training for doctors and staff.
- Resistance to shifting from manual to digital systems.
- Technical issues like system errors and slow performance.
- Dependence on stable internet and power supply.

Suggestions

- **Conduct regular training sessions** for doctors and staff to improve digital skills.
- **Allocate dedicated time slots** for data entry during or after OPD hours.
- **Appoint IT support teams** to resolve technical issues quickly.
- **Promote awareness** about the benefits of digital systems to reduce resistance.
- **Strengthen infrastructure** with reliable internet and backup power systems.