7.2.1 Two Institutional Best Practices 2023-24

Best Practices as per the NAAC format provided in the Manual

1. **Robotic diagnostics**
2. **Decentralization: Appointment of Dean and Faculty incharges**

1. ROBOTIC DIAGNOSTICS

Title of practice: Scan O fast and contactless AI Dental checkups.

CONTENT
Scano is a pioneering deep-tech company revolutionizing oral care through Al-powered, contactless screening solutions. Accelerated by Google India and Google APAC, this model is trained with over 1 million intra-oral images for disease detection. We are at the forefront of developing generative Al models to predict disease progression.

This technology transforms the process into a seamless experience-just three photos and comprehensive results in under 10 seconds.

Headquartered in Pune (India), with offices in the UAE, scano is scaling its global footprint across India, the UAE, Africa, Japan, and more. This application is dedicated to advancing oral health through cutting-edge innovation and artificial intelligence

1. Objective
The primary objective of the Robotic AI Dental Checkup is to leverage advanced technology to provide quick, accurate, and contactless dental assessments.

The system aims to identify key dental issues such as decay, cavities, stains, misalignment, calcium deposits, and tooth loss, enhancing patient convenience and diagnostic efficiency.

2. Context
1. This innovation is introduced in the context of modernizing dental healthcare services by integrating artificial intelligence.

2. AI-based tools can bridge the gap between traditional dental checkups and modern technology by providing automated, reliable diagnostic capabilities.

3. The service is designed to cater to patients looking for fast, non-invasive, and accurate dental health assessments.

4. Provides flawless precision.

5. Negates human errors.

6. Quick diagnosis.

3. Practice

The system is installed at Prime Dental Clinic and is powered by ITS Dental Hospital.

Patients can undergo a quick and contactless dental scan using this AI-powered device.

The system analyzes dental images to identify issues like stains, misalignment, and calcium deposits.

Results are instantly shared with patients via WhatsApp, allowing seamless communication and record-keeping.

4. Evidence of Success

- Increased patient satisfaction due to reduced waiting time and non-invasive diagnostics.

- Enhanced diagnostic accuracy, reducing the chances of human error.

- Integration with WhatsApp provides a convenient way to share and access reports.

- The use of such technology reflects a positive step toward modernizing dental practices, attracting tech-savvy patients and gaining trust.
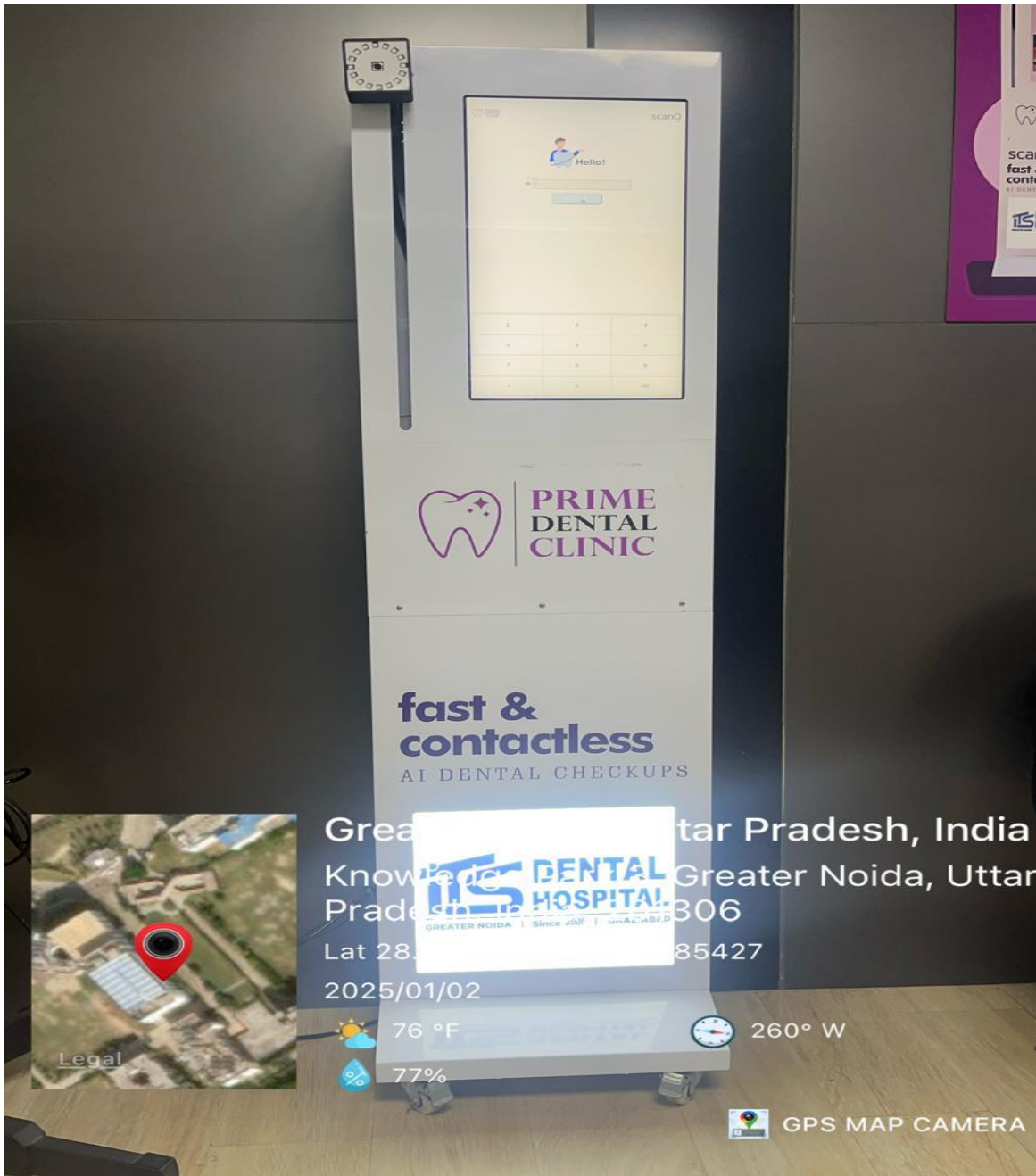
5. Problems Encountered and Resources Required

Problems Encountered:

- Initial high cost of installation and training staff to use the AI system.

- Resistance from traditional practitioners who might be skeptical about relying on AI.

- Potential data privacy concerns with sharing reports through WhatsApp.

6. Resources Required:

- Financial resources for acquiring and maintaining the AI technology.

- Skilled professionals to operate, calibrate, and troubleshoot the system.

- A secure communication framework to address privacy concerns when sharing patient data.

- This innovation sets a benchmark in dental diagnostics by combining AI's efficiency with patient-centered care

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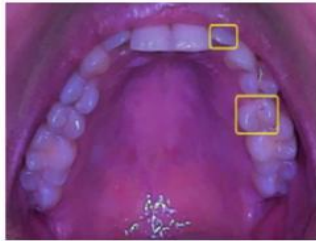
PRIME DENTAL CLINIC

ORAL HEALTH SCREENING REPORT

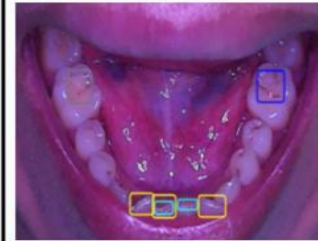| DATE: 26-06-2024	USER NAME: SAKSHI MANHAS	PHONE/TOKEN: 9682170978

INDICATIVE SCREENING REPORT

UPPER TEETH   FRONT TEETH   LOWER TEETH

🟨 MALALIGNED   ⬛ FILLING   🟦 ATTRITION   🟦 PIT AND FISSURE CARIES

TREATMENT RECOMMENDATIONS

🟨 **Malaligned:** Braces or Clear Aligner

⬛ **Filling:** Keep it under observation by scanning regularly. If there is any sensitivity or cavity developing around the filling, refilling might be required. Better to replace silver fillings with tooth colored fillings for better outcome.

🟦 **Attrition:** Filling/ Night Guard.

🟦 **Pit and fissure caries:** Tooth colour filling

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< report-1717222011290 ⌄

PRIME DENTAL CLINIC

ORAL HEALTH SCREENING REPORT

DATE: 01-06-2024	USER NAME: TEST	PHONE/TOKEN: 9205872917

INDICATIVE SCREENING REPORT

UPPER TEETH   FRONT TEETH   LOWER TEETH

■ FRACTURE   ■ DIASTEMA   ■ STAINS   ■ ATTRITION   ■ PIT AND FISSURE CARIES

TREATMENT RECOMMENDATIONS

■ Fracture: Filling/ Cap.
■ Diastema: Filling/ Veneer.
■ Stains: Teeth cleaning and polishing.
■ Attrition: Filling/ Night Guard.
■ Pit and fissure caries: Tooth colour filling

📞 8851032523   ✉ dental.gzb@its.edu.in   🌐 https://itsdentalcollege.com/

This self-screening report is generated using DentalDost's Artificial Intelligence (AI) technology. The accuracy of the report is subject to the resolution, clarity, and angulation of the intra-oral image uploaded. Final diagnosis and treatment planning may vary subject to consultation in the clinic. To learn more about findings, download scanO App.

2. DECENTRALIZATION: APPOINTMENT OF DEAN AND FACULTY INCHARGES

Sr. No	Responsibility	Name of the Faculty
I.T.S Dental College Hospital & Research Centre **Greater Noida**		
Dean & Incharges		
1.	**Dean**- Reasearch, Development & Grants	* Dr. Mousumi Goswami
2.	**Dean**-Students Affairs **Faculty Incharge**	*Dr.Himanshu Bhutani * Dr. Shivesh Mishra
3.	**Dean**- Alumni Cell Interns & Placements. **Faculty Incharge**	* Dr. Amrita Puri * Dr. Prachi Pathak
5.	**Faculty Incharge**- NAAC. **Co-Incharge**- NAAC	* Dr. Anshul Singla. *Dr. Kartika Nitin Kumar
6.	**Faculty Incharge**- NABH	*Dr. Gunjan Gupta

Report on Decentralization: Appointment of Dean and Faculty incharges

Deans and faculty incharges have been appointed for decentralization of authorities and responsibilities at I.T.S Dental Hospital, Greater Noida.

Introduction

Decentralization at I.T.S Dental Hospital, Greater Noida involves delegating authority and responsibilities across various levels of the institution, fostering autonomy, and enhancing operational efficiency. The appointment of a Dean and Faculty In-charges is a crucial aspect of this process, ensuring structured governance and focused leadership.

Appointment of the Dean

The Dean has been appointed at 3 levels

- Dean Reasearch, Development & Grants,
- Dean Students Affairs
- Dean Alumni Cell Interns & Placements.

The final report is overseen by the Audit team & Principal's office.

Role of Faculty In-charges

Faculty In-charges are appointed to supervise specific departments or units, such as Oral surgery, Orthodontics, or Periodontics. They are also appointed at different levels.

- NAAC
- NABH.

They play a pivotal role in managing day-to-day operations, mentoring students, and ensuring the delivery of quality patient care. The Audit team is headed by the Principal.

Advantages of Decentralization

1. Enhanced Efficiency: Delegating responsibilities to specialized leaders reduces the administrative burden on higher authorities.
2. Improved Decision-making: Localized decision-making ensures quicker and more contextually relevant solutions.
3. Accountability and Ownership: Faculty In-charges take ownership of their departments, fostering accountability.
4. Talent Utilization: Recognizing and appointing capable individuals ensures optimal use of expertise.

Conclusion

Decentralization in the appointment of Deans and Faculty In-charges strengthens the operational framework of a dental hospital. A well-structured, participatory approach promotes efficient governance, enhances academic and clinical outcomes, and ensures a collaborative work environment.

Dr. Amrita Puri <amritapuri@its.edu.in>
to me

---------- Forwarded message ----------
From: Principal ITS Dental gn <prin.dntl.gn@its.edu.in>
Date: Wed, May 17, 2023, 10:48
Subject: Fwd: Important Appointments
To: Faculty Dental GNoida <faculty_dntl_gn@its.edu.in>, Faculty Medical GNoida <faculty_medical_gn@its.edu.in>, Staff Admin Dental GN <staff_admin_dntl_gn@its.edu.in>, Staff Dental GN <staff_dntl_gn@its.edu.in>, ITS Dental Gr Noida Staff <itsdentalgn_staff@its.edu.in>, HOD Dental GNoida <hod_dntl_gn@its.edu.in>, HOD Medical GNoida <hod_medical_gn@its.edu.in>
Cc: Roshan Ali <hr.dntl.gn@its.edu.in>, Ashutosh Singh <ashutosh.singh@its.edu.in>, Registrar ITS Dental gn <reg.dntl.gn@its.edu.in>, APO ITS Dental gn <apo.dntl.gn@its.edu.in>, Librarian ITS Dental GN <libr.dntl.gn@its.edu.in>, Dr. Tushar Sharma <drtushar.dntl.gn@its.edu.in>, Secretary Office ITS GZB <secoff.mn@its.edu.in>, Principal Office ITS Dental gn <prinoff.dntl.gn@its.edu.in>, Akash Tomar <ao.dntl.gn@its.edu.in>

Dear All,
This is to notify & announce certain important appointments of Dean's & Incharges.

Request you all to please extend full support.

Congratulations to the appointees.

Best Regards,

I.T.S Dental College Hospital & Research Centre Greater Noida		
Dean & Incharges		
Sr.No	Responsibility	Name of Faculty
1	**Dean**- Reasearch, Development & Grants	* Dr. Mousumi Goswami