

# **Gen Health Hub – Empowering Elderly Care through Digital Innovation**

## **Introduction**

At Gopal Narayan Singh University (GNSU), innovation is more than just technology—it's a social commitment. In partnership with Narayan Medical College & Hospital (NMCH), Sasaram and the prestigious IIT Mandi Catalyst, GNSU proudly incubates Gen Health Hub, a transformative health-tech startup focused on elderly care and caregiver support.

## **The Problem We Address**

As families become increasingly nuclear and globally dispersed, elderly individuals often face isolation, forget medication routines, and lack consistent caregiving. Family members, especially those abroad, struggle to monitor and manage the well-being of their loved ones. Gen Health Hub directly addresses these issues with an intuitive Android-based mobile solution tailored for senior citizens and their caregivers.

## **Our Solution: Comprehensive, Compassionate, and Connected**

Gen Health Hub is more than just an app—it's a digital ecosystem. Key features include:

- Multilingual Medication Reminders via text/email for seniors and caregivers
- Gamified Habit Building & Streak Tracking
- Emergency Contact & Hospital Info Access
- Prescription Upload & Text Recognition
- Entertainment and Social Engagement Tools
- Post-Hospitalization Recovery Support
- Upcoming: Doctor Onboarding, Diet Planning, Yoga, and Community Networking

This platform is designed to bridge the gap between healthcare, technology, and emotional support for the elderly.

## **Our Visionary Team**

- Mrs. Seema Rathod – Faculty, Sipna College of Engineering & Technology, Amravati
- Dr. Rupali Mahajan – HOD (Data Science), Associate Dean R&D, VIIT Pune
- Dr. Rajesh Dey – Director, Electrovent LLP & Associate Professor, GNSU
- Mr. Saikat Maitra – Tech Entrepreneur, New Jersey, USA
- Ms. Trupti Mahajan – B.Tech Student & Developer

## **Development and Progress**

- Developed under the guidance of IIT Mandi Catalyst, reaching TRL 3
- Collaboration established with NMCH Sasaram for real-world integration
- Market research, internship programs, and prototype development in progress

## **Future Plans and Support Needed**

Gen Health Hub seeks to:

- Expand across geographies, old-age homes, and hospitals
- Build a thriving digital network for elders, caregivers, and doctors
- Secure funding for app enhancement, intern support, and large-scale deployment

The startup envisions launching iOS versions, integrating geriatric professionals, and partnering with pharma companies for medicine database integration and sponsorships.

### **Conclusion**

At GNSU, we continue to support meaningful innovations that create social value and technological impact. Gen Health Hub exemplifies our vision of building smart, compassionate, and inclusive healthcare solutions for tomorrow.