

FOUNDATION OF HEALTHCARE TECHNOLOGIES SOCIETY



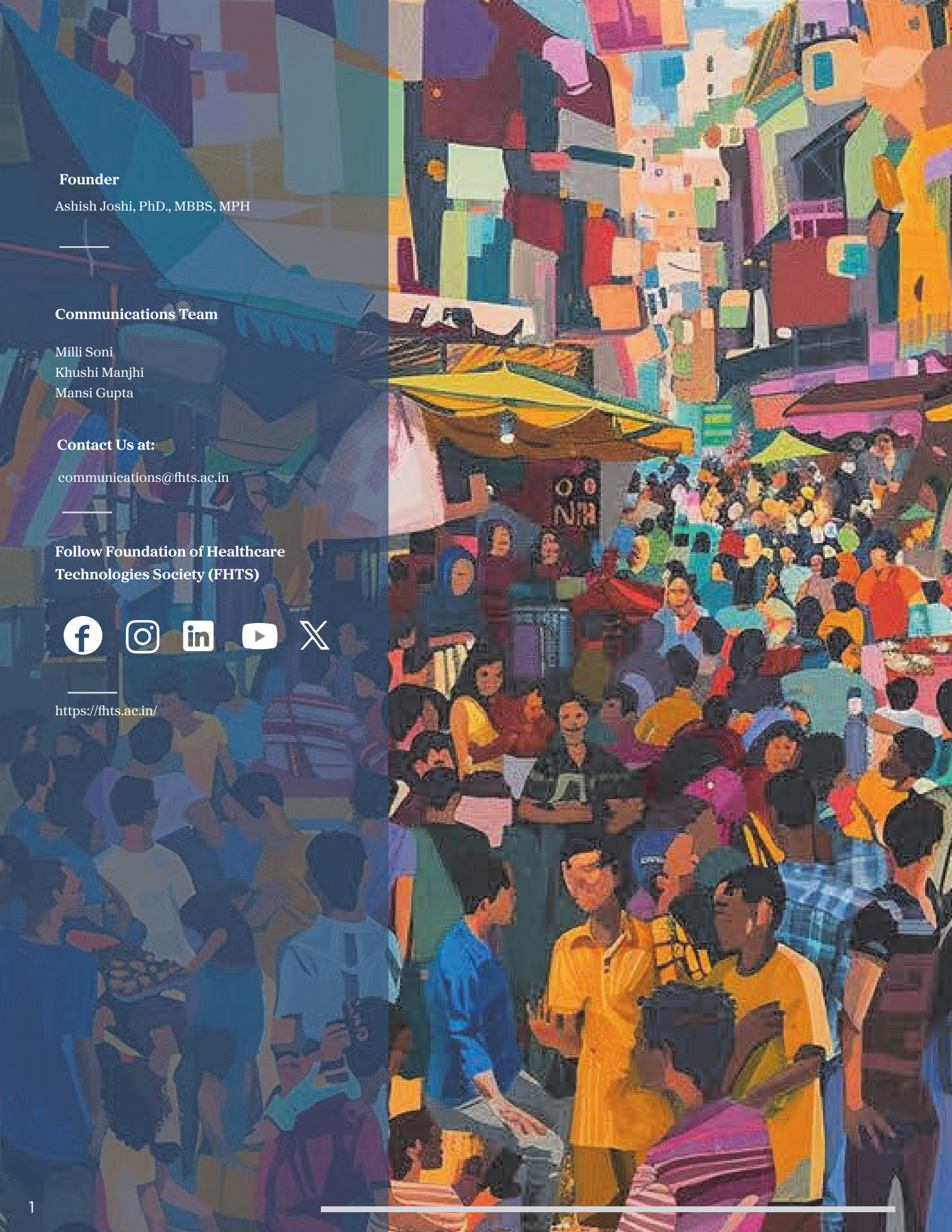
C.R.E.A.T.E.S



14 YEARS AND MORE

Social,
Economic,
and
Health Impact

A vision towards creating good health and well being of all



Founder

Ashish Joshi, PhD., MBBS, MPH

Communications Team

Milli Soni
Khushi Manjhi
Mansi Gupta

Contact Us at:

communications@fhts.ac.in

Follow Foundation of Healthcare
Technologies Society (FHTS)



<https://fhts.ac.in/>



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PUBLIC HEALTH IN ACTION





About Our Founder

Visionary Leader, Researcher, Innovator, and Mentor

***"Every individual has a dream-
FHTS exists to help them live it."***

Dr. Ashish Joshi is the founder of the Foundation of Healthcare Technologies Society (FHTS), established with a vision: to use technology as a bridge across the social, health, educational, and economic inequities that hold communities back from reaching their full potential.

A physician, public health researcher, and population health informatics expert, Dr. Joshi currently serves as Dean of the School of Public Health at the University of Memphis, USA. His work brings together clinical medicine, public health, and informatics to design human-centered, technology-enabled solutions that improve health outcomes in communities that need them most from digital health dashboards and m-health interventions to population-based surveillance tools built for real-world impact.

At the heart of his work lies SMAART model a human-centric, impact-driven framework that guides how the organization designs, implements, and

evaluates solutions for diverse populations. Guided by the belief that meaningful change happens at the intersection of evidence, technology, and community, FHTS works to translate research into practice and practice into lasting impact, turning data into evidence, evidence into policy, and policy into action.

FHTS is built on a simple conviction: that happiness lies not only in fulfilling one's own dreams, but in helping others achieve theirs. This belief continues to shape every initiative the organization undertakes, rooted in collaboration, driven by evidence, and committed to building a healthier, more equitable future for all.

Ashish Joshi, PhD, MBBS, MPH

Ashish Joshi

Facts About FHTS

14+ YEARS OF INNOVATION

50+ RESEARCH PROJECTS

20+ INSTITUTIONAL COLLABORATIONS

12+ MULTI- LINGUAL DIGITAL HEALTH SOLUTIONS

900+ INTERNS UNDER EXPERIENTIAL LEARNING PROGRAM

2100+ STUDENTS TRAINED IN INNOVATIVE ACADEMIC CURRICULUM

18000+ BENEFICIARIES IMPACTED



“Create social, physical, and economic environments that promote attaining the full potential for health and well-being for all.”

Healthy People 2030

Who We Are

The Foundation of Healthcare Technologies Society (FHTS) is a nationally registered non-profit organization established in 2012. We work at the intersection of research, education, technology and community engagement to create solutions that improve population health outcomes across diverse settings. In recognition of our contributions, the **Department of Scientific and Industrial Research (DSIR), Ministry of Science and Technology, Government of India**, has certified us as a **Scientific and Industrial Research Organization (SIRO)**.

Registration Number

S/877/SDM/NW/2012

We are also registered and recognized under:

DARPAN, Section 12A & Section 80G (5)

Our Values



**Equitable
Access**



Sustainability



**Collaboration &
Knowledge**



**Integrity &
Responsibility**

Our Vision

Translate public health education into meaningful community impact for overall good health and well-being of all.

We envision a world where data becomes evidence, evidence shapes policy, and policy drives action that reaches real people.

FHTS bridges the gap between knowledge and impact through technology-enabled innovation, community-engaged research, and education that goes beyond the classroom.

We believe every individual deserves equitable access to health and opportunity and that education is not just learned, but lived, practiced, and felt in the communities it serves.

Our Mission

Generate new knowledge to promote and sustain good health and well-being for all through community-engaged research, excellence in education, and commitment to data and evidence-informed policy and practice.



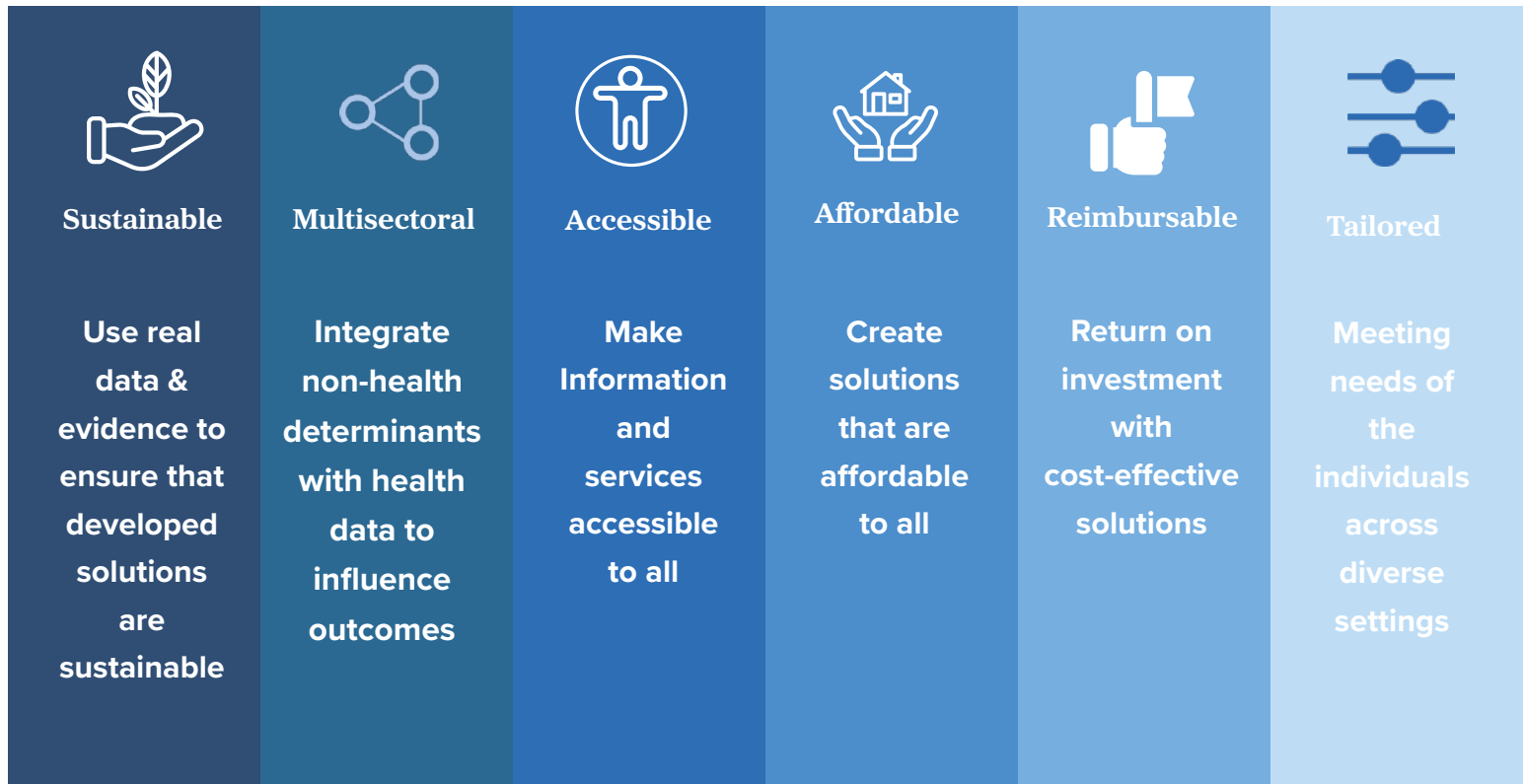
Making a Difference

► What We Do

Through collaborative efforts, FHTS strives to create sustainable health solutions, promote evidence-based practices, and develop a future-ready healthcare workforce. Our work spans communities and classrooms, always guided by data, driven by purpose, and focused on the people we serve.

- **Community Engagement**
Engaging communities to assess and address their needs at the grassroots level.
- **Research Based Interventions**
Designing data-driven, human-centered interventions for real-world impact.
- **Entrepreneurship & Innovation**
Developing out of box solutions to address public health challenges
- **Academic Excellence**
Training the workforce through interdisciplinary programs and curriculum pathways
- **Technology Based Solutions**
Building relevant tools to enable evidence based informed solutions
- **Employment Creation**
Creating workforce aligned to rapidly changing industry needs
- **Student-Centeredness**
Preparing community of learners, practitioners, and leaders through experiential learning and mentorship opportunities

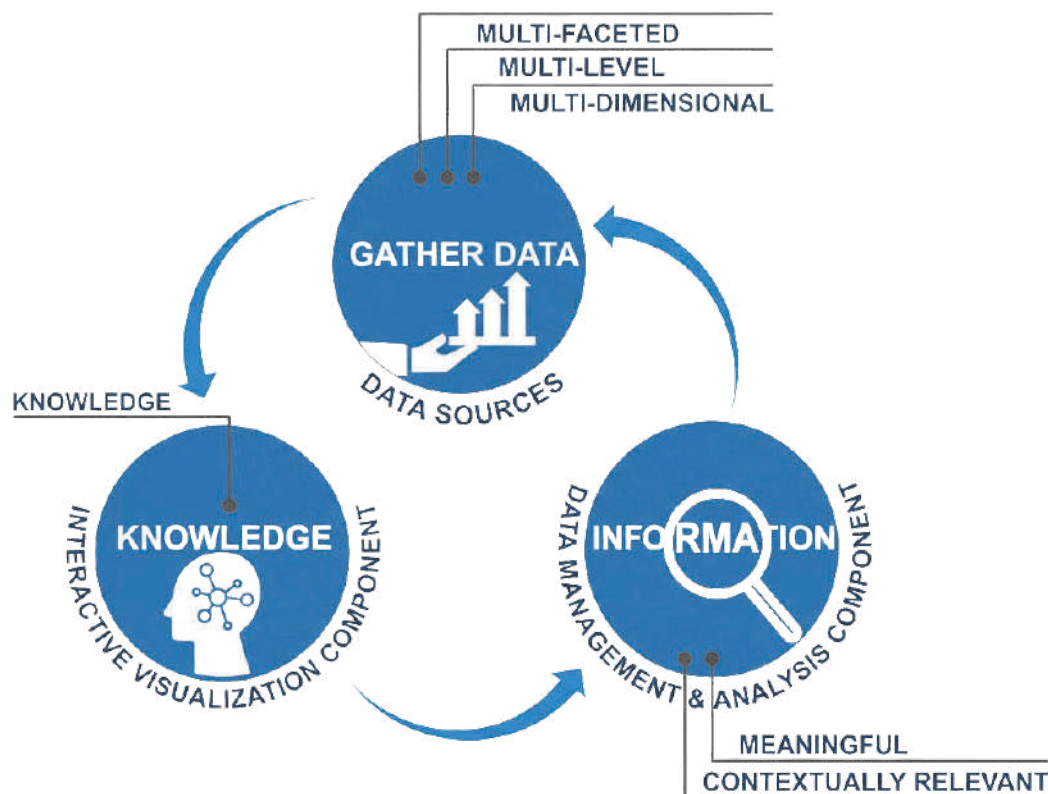
Our Approach



SMAART[®] is a human-centric, impact-driven framework designed to enhance the health and well-being of diverse communities across the globe. It is a "middle-out" approach, bridging top-down policy and bottom-up community action, allowing for data-driven, evidence-based solutions built on real community participation and engagement. The SMAART Model, identifies communities

in need of support and seeks out challenging environments; engages diverse stakeholders to take stock of existing solutions; identifies Community Change Agents committed to driving impact; gains insight through fieldwork to understand real needs; studies gathered data to design effective, sustainable interventions; and regularly revisits communities to collect feedback and make necessary changes.

SMAART[®] Model



SMAART is a human-centric & impact-driven solution

Helps solve real problems with real solutions

Employs a “middle-out” approach

Allows for data-driven & evidence-based policies based on community participation and engagement

Dynamic & flexible approach implemented across sectors & circumstances

How Does **SMAART**[®] Model Work?

01



Community Identification

Identify communities in need of support and change, and seek out challenging environments in under-resourced and underserved settings.

02



Stakeholder Engagement

Engage diverse stakeholders and gather an inventory of existing organizations, programs, and policies currently providing solutions to the identified communities.

03



Change Agents

Identify "Community Change Agents" individuals from within the community committed to contributing to SMAART interventions to improve the health and well-being of their people.

04



Field Insight

Gain insight by investing time in the field to understand community needs and collect useful data to inform the design of human-centered SMAART interventions.

05



Data Analysis

Analyze and interpret gathered data and observations from the field to plan effective, sustainable interventions best suited to the community.

06



Community Follow-Up

Visit communities regularly to collect feedback and data once SMAART interventions are up and running, and make necessary changes to ensure success and continuity.

Community Engagement & Initiatives

Co-creating solutions rooted in community needs

Our public health initiatives are designed, developed, and implemented using a human-centered approach co-created based on community input to advance good health and well-being. These efforts span across four key sectors:

1. Health:

Promoting preventive care and early screening for conditions like diabetes, obesity, and hypertension, with a focus on younger populations.

2. Education:

Building awareness and health literacy through inclusive, interdisciplinary programs across diverse communities.

3. Workforce:

Equipping individuals with skills, knowledge, and opportunities aligned to rapidly changing industry needs.

4. Livelihood:

Creating sustainable income pathways through entrepreneurship, innovation, and community-based solutions.



Swasthya Pahal Initiative



About Swasthya Pahal

Swasthya Pahal — meaning "Health for All" — is an interactive, multi-lingual, lifestyle self-management platform designed to address the growing burden of non-communicable diseases (NCDs). It was launched in 2012 and implemented across 8 states, it operates as both a standalone and internet-enabled touch screen platform that puts health information directly in the hands of individuals. To date, Swasthya Pahal has reached over 18,000+ beneficiaries across urban, urban slum, rural, and hilly communities, including 5,000+ police beneficiaries.

The Challenge

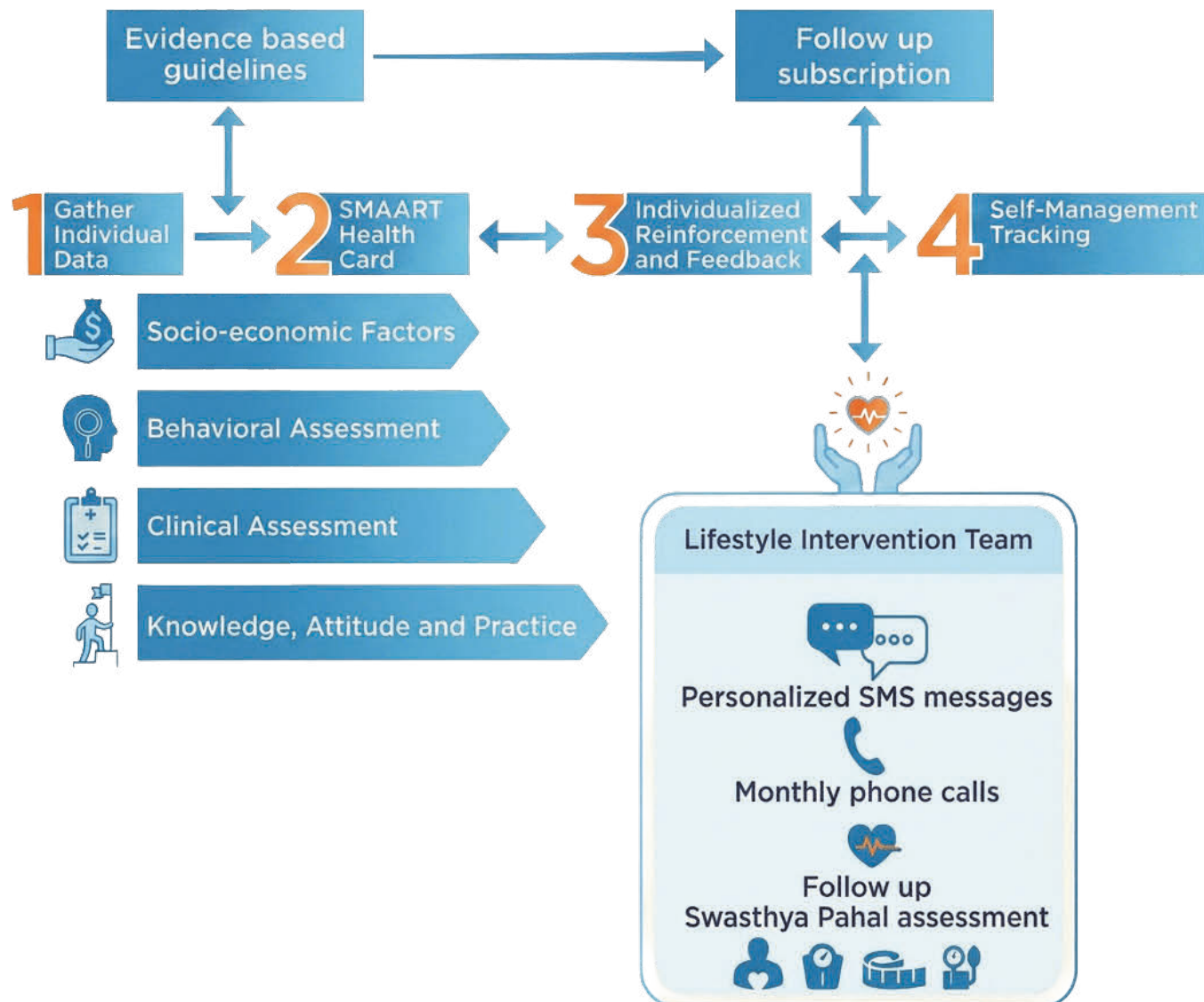
Non-communicable diseases such as diabetes, hypertension, and obesity are rising at an alarming rate, with 60% of deaths in India now attributed to NCDs. Yet traditional screening approaches frequently miss opportunities for early detection, particularly among younger populations. Key risk indicators including BMI, waist circumference, blood pressure, and blood glucose levels often go unmonitored until it is too late. Swasthya Pahal was built to close this gap.

How It Works

Our team enters their socio-demographic, behavioral, and clinical information into the platform, which records key health indicators such as blood pressure, blood sugar, and weight. Using evidence-based logic, the platform generates a personalized SMAART Health Card and classifies individuals by risk level. A dedicated Lifestyle Intervention Team then provides individualized reinforcement through counselling, personalized SMS messages, monthly phone calls, and follow-up assessments, ensuring that screening translates into sustained self-management.

Why It Matters

Swasthya Pahal goes beyond diagnosis. By combining early detection with personalized feedback and continuous follow-up, it empowers individuals to take charge of their own health. The platform expands healthcare access to communities that are often left behind, offering lifestyle guidance, self-care recommendations, and the tools needed to prevent, manage, and monitor chronic disease at scale.



*A Four-Step Journey from
Assessment to Action*

Impact of Swasthya Pahal

650+

Health Camps Conducted

340+

Unique Venues Reached

8

States Covered

150+

Police Facilities Covered

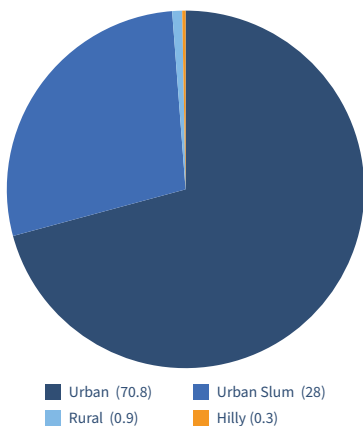
18000+

Lives Touched

5200+

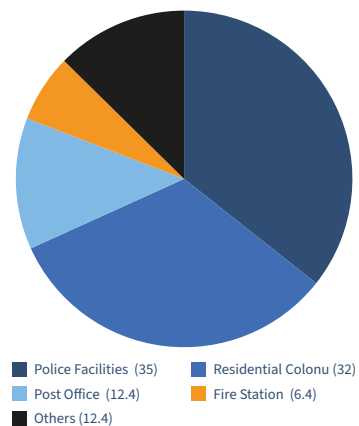
Police Personnel Beneficiaries

Geo-setting wise
distribution of
event venues



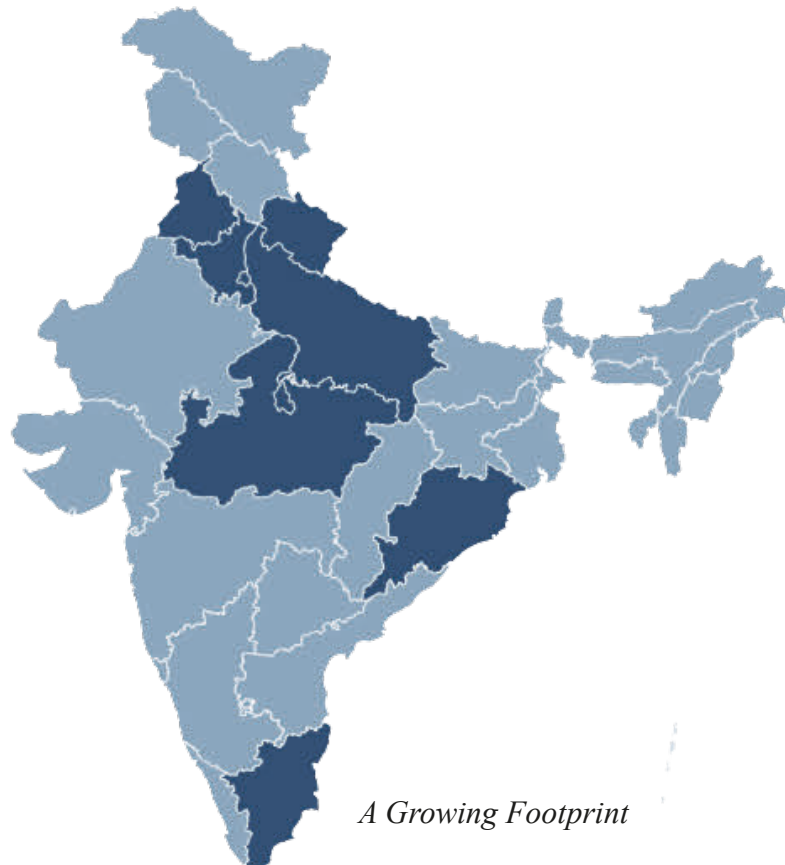
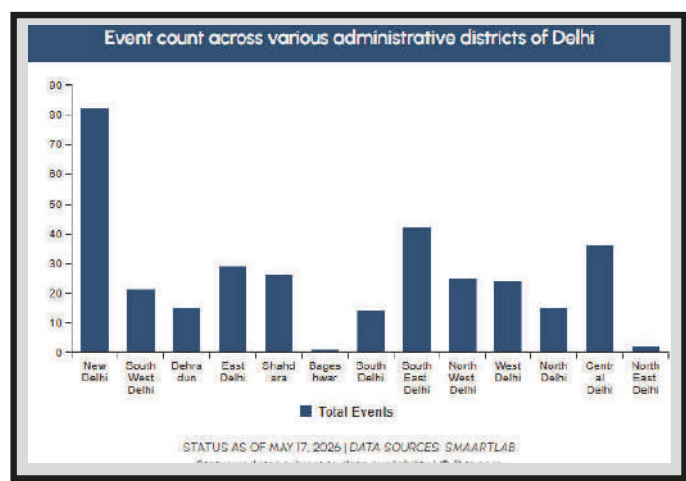
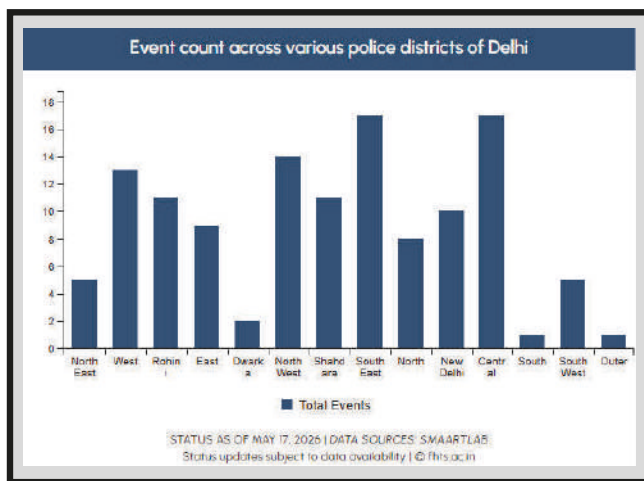
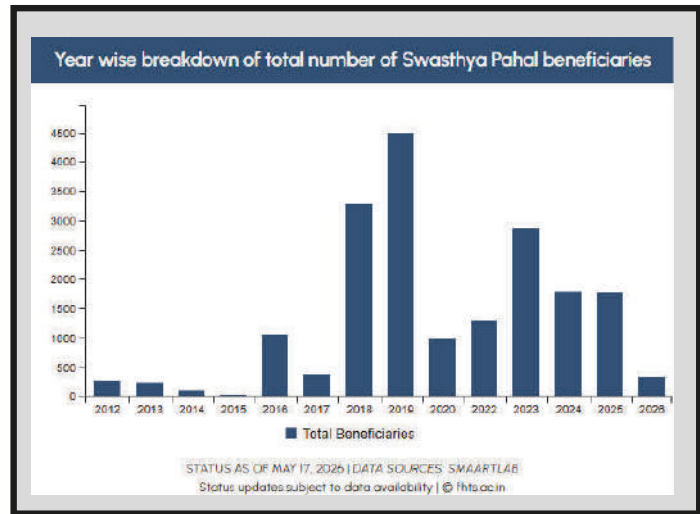
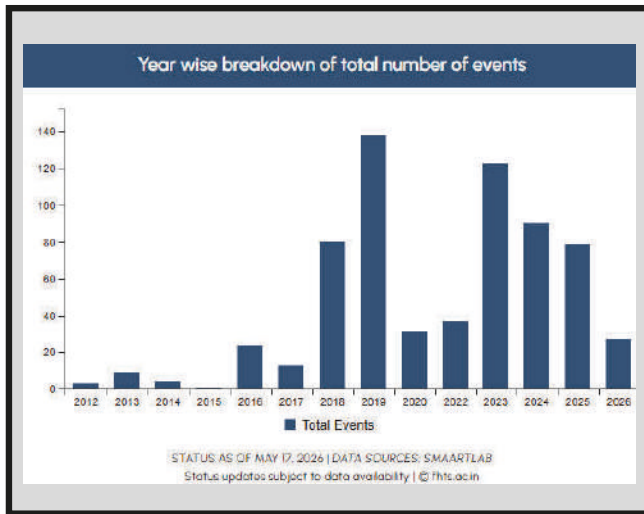
STATUS AS OF MAY 17, 2026

Classification of
event venues by type



STATUS AS OF MAY 17, 2026

"From police stations to public spaces, Swasthya Pahal is taking preventive health where it matters most."



State wise representation of event venues across India

A Growing Footprint

Swasthya Pahal Publications

1. Usability Evaluation of a Portable Health Information Kiosk Using a SMAART Intervention Framework

Global Journal of Health Science, 2017 July

A study evaluating the SMAART framework among 149 individuals in urban slum settings of South Delhi found alarming gaps in NCD detection and management. Nearly 47% of participants were overweight or obese, 49% were pre-hypertensive or hypertensive, yet fewer than half were receiving any treatment for diabetes or hypertension. Critically, only 38% could correctly identify their own hypertension status. The study demonstrated that a portable, bilingual, touch-screen health kiosk using the SMAART framework could effectively screen individuals, generate personalized health cards, and identify at-risk populations in non-clinical, community settings, making quality healthcare accessible where it is needed most.



Scan to read the full text

2. A pilot evaluation of Swasthya Pahal program using SMAART informatics framework to support NCD self-management

Mobile health, 2021 October

A pilot study conducted among 64 police personnel in Dehradun found that 37% of participants were hypertensive, yet 87% were receiving no treatment for it. Over a third currently smoked or consumed alcohol, and fewer than two-thirds engaged in any regular physical activity. Following a single screening session and one month of personalized SMS-based follow-up through Swasthya Pahal, participants reported meaningful improvements in diet, physical activity, and self-management of diabetes and hypertension, affirming that the platform is an effective, scalable tool for early NCD detection among high-risk populations.



Scan to read the full text



3. **Swasthya Pahal (Health for All) Using a Sustainable, Multisector, Accessible, Affordable, Reimbursable, and Tailored Informatics Framework in Rural and Urban Areas of Chennai, Tamil Nadu: Protocol for a Quantitative Study**

JMIR Research Protocols 2025 February

A study published in JMIR Research Protocols examined the usefulness, acceptance, and effectiveness of Swasthya Pahal among 2,800 individuals across rural and urban community and hospital settings in Chennai, Tamil Nadu. Using the SMAART informatics framework, the program generated personalized risk factor profiles and supported self-management of chronic NCDs including diabetes, hypertension, high cholesterol, and obesity. The study concluded that Swasthya Pahal holds strong potential as a scalable, accessible, and community-ready solution for NCD self-management across diverse population settings.



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Swasthya Pahal

In Action





HEAL Initiative



HEAL (Healthy Eating Active Living) aims to enhance self management of Non-communicable diseases through multilingual SMS delivery.

Launched in 2022, HEAL is a multilingual, SMS-based initiative designed to enhance the self-management of non-communicable diseases including diabetes, hypertension, and obesity. In a world where smartphones are more accessible than healthcare professionals, it harnesses the power of mobile technology to deliver personalized, bite-sized health guidance directly to individuals, wherever they are. By bridging the gap between healthcare knowledge and everyday behaviour, the initiative empowers individuals to take charge of their own health and

make informed lifestyle choices, one message at a time.

The Challenge

Non-communicable diseases are among the leading causes of illness and death worldwide, placing an enormous burden on individuals, families, and healthcare systems alike. Yet for millions of people, the barriers are not clinical, they are informational. Limited awareness about risk factors, poor lifestyle habits, inconsistent access to health guidance, and language

barriers collectively leave communities more vulnerable than they need to be. Underserved populations, in particular, often fall through the cracks of traditional healthcare delivery. This initiative was built with them in mind, to ensure that geography, language, or socioeconomic status is never a barrier to better health.

Available in 9 Languages

To ensure no one is left behind, messages are offered in English, Hindi, Tamil, Garhwali, Marathi, Konkani, Malayalam, Assamese, and Gujarati.



Objective

- ✓ **Raise Awareness:** Educate communities on risk factors linked to NCDs.
- ✓ **Promote Healthy Living:** Encourage better habits through practical tips on diet, exercise, and stress management.
- ✓ **Support Self-Care:** Deliver simple, actionable advice on home remedies and medication adherence.
- ✓ **Personalized Approach:** Tailored messages to match individuals' language preferences and lifestyle needs.

What Enrollees Receive?

HEAL enrollees receive bite-sized, actionable SMS messages covering:



Diet & Nutrition

Balanced meals, portion control, and healthy alternatives



Physical Activity

Simple exercises and movement goals for all ages



Healthy Lifestyle Tips

Habits that reduce risks of chronic illness



Stress Management

Relaxation, mindfulness, and coping strategies



Home Remedies

Safe, traditional practices to complement medical care



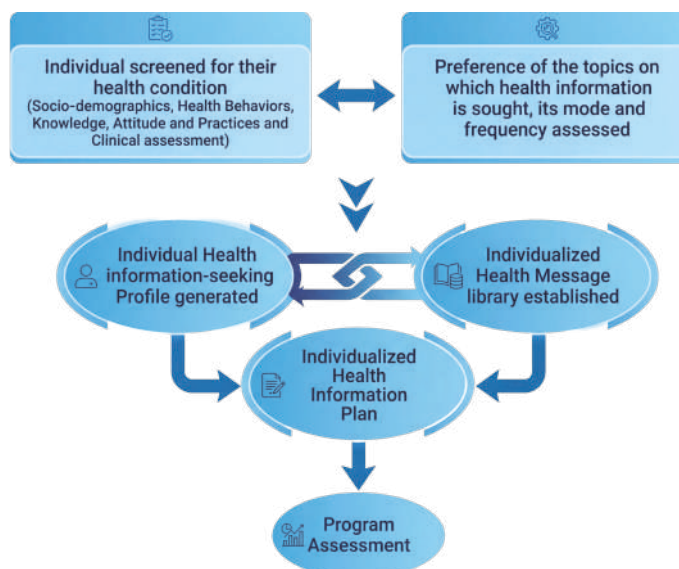
Medication Adherence

Reminders and advice for consistent treatment

How Does HEAL Work?

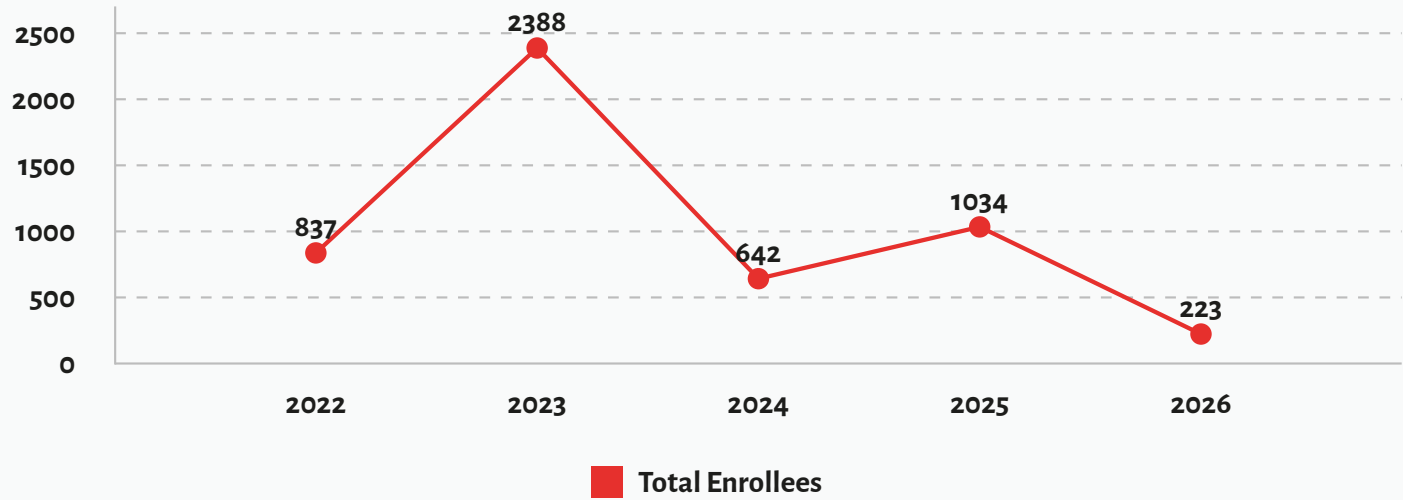
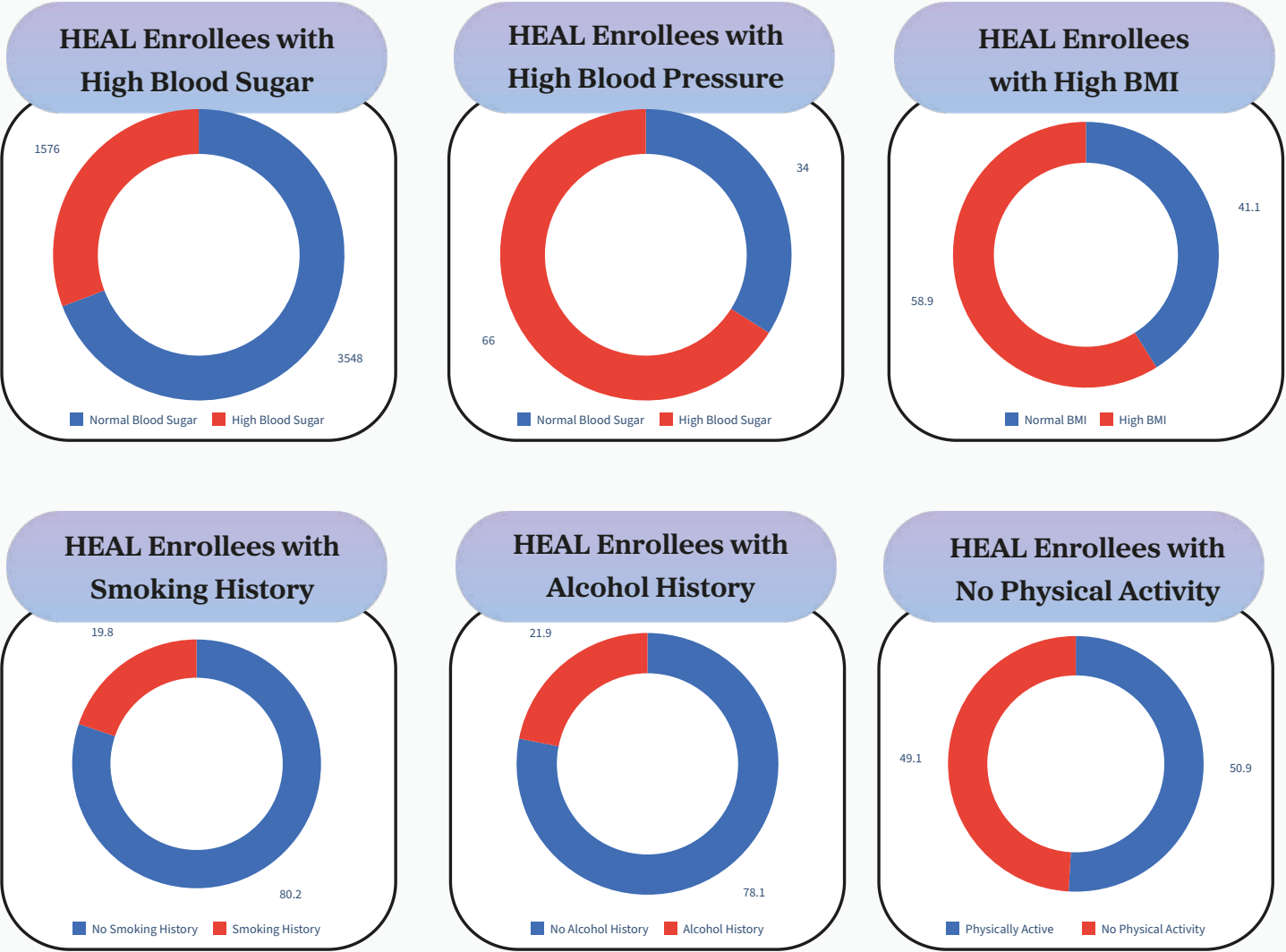
How It Works

Each individual begins by completing a comprehensive screening covering their socio-demographics, health behaviors, knowledge, attitudes, practices, and clinical status. Based on their responses, a personalized health information-seeking profile is generated capturing not just what health topics matter most to them, but also their preferred mode and frequency of



receiving information. An individualized health message library is then established, from which a tailored health information plan is created. This ensures that every message an individual receives is not generic advice, but a meaningful, relevant, and timely nudge toward better health designed specifically for their life, their needs, and their goals.

Impact of HEAL



STATUS AS OF JUNE, 2026

350+

Source Events

190+

Unique Venues Reached

5,100+

HEAL Enrollees

4,300+

Enrollees (Weekly Messages)

800+

Enrollees (Daily Messages)

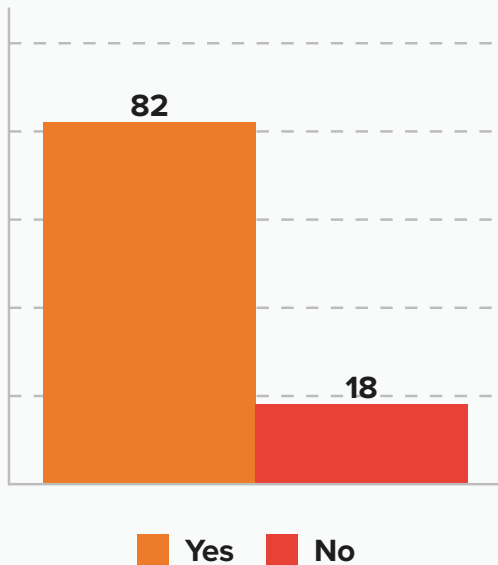
89%

Users Satisfied with the HEAL Program

93%

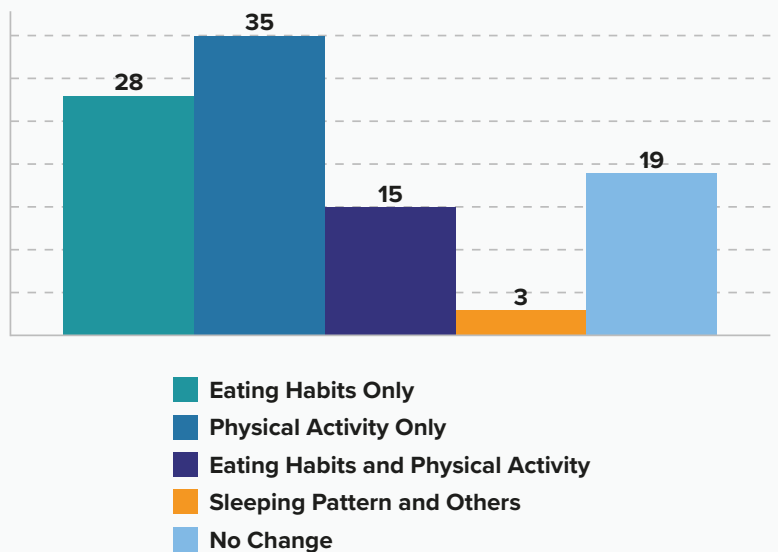
Users Who Would Recommend HEAL to Others

Adherence in HEAL



82% of Users Adopted Healthier Lifestyle Habits Through HEAL

Improvement in Lifestyle Factors



Lifestyle Modifications Adopted Through HEAL

Public Health ki Rasoi Initiative



Public Health Ki Rasoi is a video-based platform that brings nutrition science into the kitchen, where it truly belongs. Through short, accessible, and multilingual video lessons, it translates complex nutritional concepts into practical, everyday cooking tips rooted in cultural food traditions that communities already know and love. It does not ask people to abandon their

traditions, it empowers them to enrich those traditions through the lens of public health. With a growing library of culturally rooted videos on YouTube, Public Health Ki Rasoi is making nutrition education something people can see, relate to, and act on, one recipe at a time.

How It Works?

Watch – Short, engaging video lessons.

Learn – Nutrition explained in simple, relatable terms.

Apply – Easy-to-follow healthy cooking and lifestyle practices.

Mission

1. Empower individuals to understand nutrition in the context of their daily meals.
2. Combine scientific guidance with traditional recipes and cooking practices.
3. Provide communities with practical, culturally sensitive health education.

Featured Theme



Lifestyle Diseases & Prevention



Healthy Cooking & Recipes



Balanced Diet & Portion Control



Community Wellness



Stress-Free Eating Habits

UNDERSTANDING CANCER



- Cancer is one of the leading causes of deaths
- Umbrella term is used for many diseases affecting any body part
- Rapid formation of abnormal cells
- Growth beyond normal tissue boundaries
- Invasion into adjoining body parts
- Metastasis (spread to other organs) → main cause of cancer deaths

World Cancer Awareness

Public Health Ki Rasoi
58 subscribers

Subscribe

0

Share

Ask

Make Better Food Choices

- ✓ Choose Homemade Snacks (like cheela, and poha)
- ✓ Use Spices and herbs for flavours
- ✓ Prefer freshly cooked meals
- ✓ Reduce fried & processed foods



World Hypertension day-2026

Public Health Ki Rasoi
58 subscribers

Subscribe

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Save

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Infection Control Myths and Facts



On World Health Day, let's break common infection myths and see what science actually says.

Most infections spread not because we don't care... but because we believe the wrong things.

World Health Day-2026

Public Health Ki Rasoi
58 subscribers

Subscribe

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Share

Download

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दमा (अस्थमा) का स्वयं प्रबंधन...

- जीवनशैली में बदलाव: तंबाकू छोड़ना, वायु प्रदूषण के संपर्क को कम करना और स्वस्थ आहार लेना
- आत्म-देखभाल में इनहेलर का उपयोग शामिल है
- ट्रिगर्स से बचें और डॉक्टर से उपचार प्राप्त करें
- इनहेलर दवाएं: अस्थमा के लक्षणों को नियंत्रित करें



World Asthma Day-2026 (Hindi version)

Public Health Ki Rasoi
58 subscribers

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कैंसर को समझना



- कैंसर मृत्यु के प्रमुख कारणों में से एक है।
- यह एक व्यापक शब्द है जिसका प्रयोग शरीर के किसी भी अंग को प्रभावित करने वाली अनेक बीमारियों के लिए किया जाता है।
- असामान्य कोशिकाओं का तीव्र निर्माण
- सामान्य ऊतक सीमाओं से घरे बढ़ि
- आस-पास के शरीर के अंगों में आक्रमण
- मेटास्टेसिस (अन्य अंगों में फैलना) → कैंसर से होने वाली मौतों का मुख्य कारण है।

श्व कैंसर जागरूकता

Public Health Ki Rasoi
59 subscribers

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मिथक 2: मिलेट्स सिर्फ डायबिटीज़, वज़न घटाने या व्रत के लिए हैं!



मिलेट्स से जुड़ी गलतफहमियां!

Public Health Ki Rasoi
59 subscribers

Subscribe

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Share

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Join our Channel

Sangyan Initiative



A trusted space where learning through voices empowers healthier decisions for individuals and families.

Sangyan is a multilingual podcast platform built on a simple but powerful idea, that access to trusted health information can change lives. Designed as an Interactive Decision-Making Enabler through Educational Audios (IDEA), Sangyan connects individuals, families, and communities to evidence-based health knowledge in a format that is easy to access and easier to act on. By bringing together learners from all walks of life, Sangyan creates a shared space where accurate, reliable, and culturally relevant health information is not just heard but understood, discussed, and applied to everyday decisions that matter.

Topic:

1. Podcasts on diverse issues that matter
2. Antimicrobial Resistance (AMR)
3. Breastfeeding
4. COVID-19 Vaccine
5. Diabetes
6. Hypertension
7. Malnutrition
8. Menstrual Practices
9. Mpox
10. Nutrition and COVID-19
11. Nutritional Anemia

Language

1. English
2. Gujarati
3. Hindi
4. Kannada
5. Malyalam
6. Tamil
7. Telugu

Publication

Implementation and User Evaluation of the SANGYAN Digital Health Platform to Enhance Knowledge About COVID-19 and Other Health Conditions: Quasi-Experimental Study.

JMIR Infodemiology. May 2026

A study published in JMIR Infodemiology assessed the usability and satisfaction of the SANGYAN podcast among 500 participants across rural and urban settings in Tamil Nadu. Despite 76.8% of participants having poor health literacy and nearly 90% having never used a podcast before, the platform was overwhelmingly well-received, 97.4% received the information they were looking for, 94.8% were satisfied with the quality of service, and 97% said they would recommend SANGYAN to friends and family. The overall System Usability Score of 70.9 confirmed above-average usability across diverse demographics, affirming SANGYAN's potential as an accessible, multilingual tool for delivering evidence-based health information to communities that need it most.



Scan to read the full text

Scan Now To Listen To Our Sangyan Podcast



Please scan the link on your spotify app

RISE Initiative



What is RISE?

Research · Innovation · Skill · Entrepreneurship (RISE) was launched in 2018, RISE is FHTS's flagship initiative empowering young girls and women toward self-reliance through skills, product creation, and sustained employment.

1. Research

Research-based analysis is at the core of everything RISE does. Data on social determinants drives decisions ensuring every intervention is evidence-backed and built to last.

2. Innovation

RISE is a platform to hone raw talent and find innovative ways to create sustained livelihoods, helping young girls discover possibilities in spite of constraints and limited resources.

3. Skills

All these young girls and women needed was a nudge. this initiative equips them with confidence, communication, time management, computer skills, leadership, and project coordination , hands-on, real-world skills.

4. Entrepreneurship

Products born from RISE are outcomes of joint effort, women dedicated to helping those in need, building a movement one handmade product at a time.

5. How Does RISE Work?

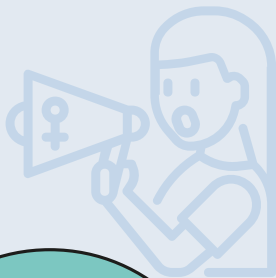
RISE identifies change mascots within communities, gathers social determinant data to understand local needs, and recruits passionate individuals ready to drive change. Through a combination of product innovation,

skill-building, and access to employment opportunities, RISE works to make women economically independent and employable.

6. Problems Addressed

Cultural taboos and environment are the biggest barriers for young girls in underprivileged settings. RISE tackles unemployability, limited skills, and lack of opportunity through data-driven, research-enabled methods.

Impact of RISE



430+

**RISE
Exhibits**

15

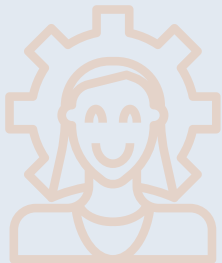
**Jobs
Created**

4800+

**Products
Made**

3800+

**Products
Sold**



RISE Impact





RISE Products

Tiffin bags, shopping bags, sling bags, every product is a story of hope, resilience, and empowerment. Handmade by women building toward financial independence, one product at a time.



Your Contribution Matters

Every purchase supports a woman in achieving sustained employment, giving her an identity, fostering self-reliance, and building her confidence. It's an investment in stronger and healthier communities.





Research

Advancing Good Health and Well-being through Public Health Research, Entrepreneurship, Academic Innovation and Practice (REAP)



"We design, develop, implement, and evaluate tailored, human-centered, technology-driven interventions across diverse communities and geo-settings to provide sustainable and affordable solutions for improved population health outcomes."

-Dr. Ashish Joshi

Research Domains

**Population Health
Analytics and
Informatics**

**Digital Health
Interventions**

**Nutrition
Informatics**

**Health
Communications**

**Population
Health
Outcomes**

**Dissemination and
Implementation
Science**

Health Policy

**Public Health
Diplomacy**



Key Accomplishments

7



Funded
Projects



35



Other
Projects



90



Journal
Publications



Funded Projects

School-based Surveillance for Detection of Children with Acute Pharyngitis, Rheumatic Fever/Rheumatic Heart Disease: India

Years: 2014 to 2016

Collaborating Partners: Indira Gandhi Medical College & Hospital, Shimla, HP

Funding Agency: Indian Council of Medical Research



Scan to read the full text

This study aims to highlight that the lack of surveillance systems is a major barrier in prevention and control of rheumatic fever/rheumatic heart disease (RF/RHD). In the developing countries RF/RHD is a major burden among children, adolescents, and young adults. This study evaluated the efficacy of school-based surveillance for detection of acute pharyngitis and RF/RHD in Shimla district, Himachal Pradesh. The study highlights school based surveillance had a higher rate of suspecting children with acute pharyngitis and or RF/RHD although with low specificity. There is a need for future studies to demonstrate the effectiveness of the proposed intervention in endemic regions of the state.

Design and Evaluation of a Personalized Human Centred Dietary Decision Support System among Diabetic patients

Years: 2017 to 2019

Collaborating Partners: Government Medical College, Tanda, Himachal Pradesh

Funding Agency: Indian Council of Medical Research



Scan to read the full text

A study evaluated an interactive, telephone-linked, human-centered dietary decision support system designed to deliver personalized nutrition care to diabetes patients. Participants in the intervention group recorded daily dietary intake through the system and received personalized feedback and diet education via SMS, while the control group relied on traditional paper-based diet records. Follow-up assessments at 3 and 6 months showed that the intervention group experienced significant improvements in nutrition knowledge, attitudes, practices, satisfaction with care, and overall diabetes management. The system's strength lay in its cultural relevance, supporting dietary data capture in both English and Hindi, converting diet entries into caloric values, and sustaining participant engagement through telephone-linked care and auto-generated reminders.

Design, develop, implement and evaluate an internet enabled surveillance platform of an Integrated Road Traffic Injuries Surveillance-India (IRIS-India): Tehri Garhwal, Uttarakhand

Years: 2017 to 2019

Collaborating Partners: Apollo Institute of Medical Science & Research, Apollo Clinical Epidemiology unit of Apollo Medical College, National Institute of Epidemiology (NIE), Vardhman Mahavir Medical College & Safdarjung Hospital (VMMC-SJH), Indian Institute of Health Management Research (IIHMR) University, Garhwal Community Development and Welfare Society (GCWDS)

Funding Agency: Indian Council of Medical Research

This study aimed to establish an electronic-based comprehensive and integrated road traffic injuries (RTIs) surveillance system. The road traffic accidents stand as one of the leading causes of mortality and morbidity across the globe. The reasons for the high burden of road traffic injuries in developing countries are increasing in the number of motor vehicles, poor enforcement of traffic safety regulations, inadequacy of health infrastructure and poor transport facilities. The broad objective of this study is to establish an electronic-based comprehensive and integrated RTI surveillance system, to assess the burden of RTIs, its risk factors and outcomes across rural and urban settings in India. This study with the support of the Indian Council of Medical Research (ICMR) is progressing in three cities (Chennai, Delhi and Jaipur) and two rural areas (Chittoor and Tehri-Garhwal). The results of these studies will contribute to the setting of research and investment priorities to tackle the burden of RTIs.



Scan to read the full text



A community-based pragmatic, controlled trial for prevention and reduction of oral diseases among children at the anganwadi centres located in peri-urban areas of Chandigarh and rural parts of Cuttack, Orissa.

Years: 2018 to 2020

Collaborating Partners: PGIMER Chandigarh, SCB Dental college Cuttack

Funding Agency: Indian Council of Medical Research



Scan to read the full text

This study protocol is a community-based, pragmatic controlled trial intended to assess methods for preventing and lowering oral illnesses in young children, including early childhood caries (ECC). The study incorporated the utility of the Integrated Child Development Scheme (ICDS) infrastructure and focuses on children aged 1 to 6 who attend Anganwadi centers in the rural districts of Cuttack and the peri-urban areas of Chandigarh. Over a three-year follow-up period, the main goal is to evaluate the long-term efficacy of a specific oral health care package (OHCP) given to mothers with the typical usual care recommendations given at these centers. The study aims to produce useful, community-level evidence by tracking behavioral changes in both mothers and children in addition to routine cross-sectional health monitoring. In the end, the researchers hope that this comprehensive framework of teaching and prevention would dramatically reduce the prevalence of dental illness and produce a scalable model for public health integration.

A Diagnostic Decision Support Tool for early detection and management of COVID-19 infection

Years: 2022 to 2024

Collaborating Partners: AIIMS Rishikesh

Funding Agency: Indian Council of Medical Research



Scan to read the full text

The Foundation of Healthcare Technologies Society (FHTS) initiated the project with a goal to improve the early detection and management of COVID-19 in low-resource settings by developing an integrative web-based dashboard and an automated diagnostic decision-support tool. The decision-support tool helps at-risk groups make evidence-based, economical decisions about diagnostic testing by integrating clinical procedures with personalized patient data. Simultaneously, the all-inclusive dashboard integrates diverse indicators from data science, health systems, and community insights to offer adaptable, real-time data visualizations. In order to ensure focused responses and efficient resource allocation, this data-driven infrastructure enables public health experts and policymakers to quickly assess pandemic trajectories. In the end, the initiative functions as a patient-centered, scalable blueprint intended for ongoing improvement to bolster future pandemic and epidemic preparedness.

Digital Health Intervention to enhance self-management of Metabolic Syndrome (MetS) among adults living in urban poor settings

Years: 2022 to 2026

Collaborating Partners: National Institute of Child Health and Development Research

Funding Agency: Indian Council of Medical Research



Scan to read the full text

The Foundation of Healthcare Technologies Society (FHTS), in collaboration with the Indian Council of Medical Research (ICMR), carried out the study on the management of metabolic syndrome (MetS) in adult populations living in urban slums around New Delhi. The study employs a mixed-methods approach to map out the interactions between the living environment and important cardio-metabolic risk variables such as stress, physical activity, food, and sleep. A customized, human-centered mobile and web-based digital health platform that was specifically modeled for the socioeconomic needs of the urban poor was created and implemented by the researchers using these preliminary findings. In order to assess user happiness, adherence, and the viability of digital interventions in assisting high-risk, vulnerable groups in self-managing their health, a pilot test was finally carried out throughout several Delhi zones.

Evaluating the Impact of Digital Intervention versus WHO PEN Approach in Non-Communicable Disease Prevention and Control in Resource-Limited Settings: A Quasi-Experimental Study

Years: 2025 to 2028

Collaborating Partners: Government Doon Medical College (GDMC), Panimalar Medical College Hospital & Research Institution (PMCHRI), Sikkim University

Funding Agency: Indian Council of Medical Research



Scan to read the full text

This research protocol describes a community-based, mixed-methods, quasi-experimental study in order to assess the efficacy of NCD preventive and control measures in four resource-constrained sites in India. The study plans to develop and implement a mobile, web-based, and human-centered digital intervention to improve health-seeking behaviors and self-management for illnesses like diabetes and hypertension. The study compares the developed digital health intervention, in terms of its clinical efficacy and practicality, to the established World Health Organization Package of Essential Noncommunicable Disease Interventions (WHO PEN) strategy and a conventional, no-intervention control group. Researchers believe that the digital approach will result in better lifestyle and risk-factor changes, which will ultimately aid in the development of scalable, evidence-based recommendations for the integration of digital health in primary care settings with limited resources.



A response to crisis. A tool for clarity. – Launched in 2020 amid the COVID-19 pandemic.

SMAART[®] RAPID TRACKER

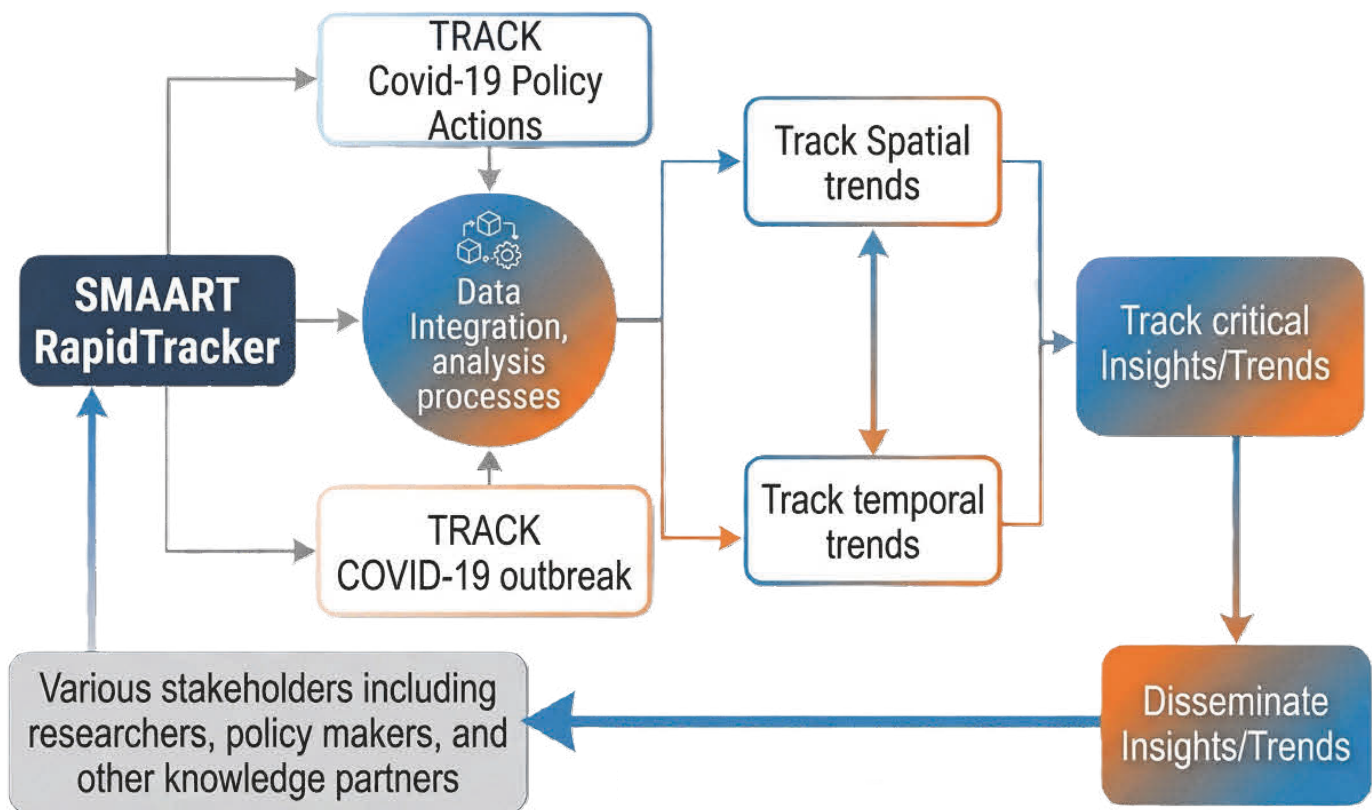
RESEARCH ENABLED | ACTION ORIENTED | POLICY | INTERVENTIONS | DRIVEN BY DATA

ABOUT SMAART RAPID TRACKER

SMAART Rapid Tracker, was launched in 2020 in direct response to the COVID-19 pandemic, it is a policy informatics platform built to track the geospatial spread of disease outbreaks and policy actions in real time. As COVID-19 emerged as a global crisis, there was an urgent need for a single, reliable source of verified, publicly available data that could cut through the noise and put critical information in the hands of those

who needed it most. SMAART RapidTracker answered that call, aggregating evidence-based data on the burden of COVID-19, tracking spatial and temporal trends, and building a repository of digital resources aimed at addressing the pandemic. By integrating data from multiple sources and making it accessible to researchers, policymakers, and knowledge partners on the frontlines of public health response, it transformed raw information into actionable insight, demonstrating exactly what it means to move from data to policy to action.

®



"Data insights and critical trends can facilitate the design, development, and implementation of interventions, programs, and policies to address disease outbreak."

— SMAART RapidTracker

Global Spatiotemporal Trends of COVID-19

India

7th Jun 2020 - 13th Jun 2020

TOTAL CASES

308,993 ↑ 3.85%

As on 13th June 2020

NEW CASES

11,458 ↑ 4.58%

On 13th June 2020

TOTAL FATALITY

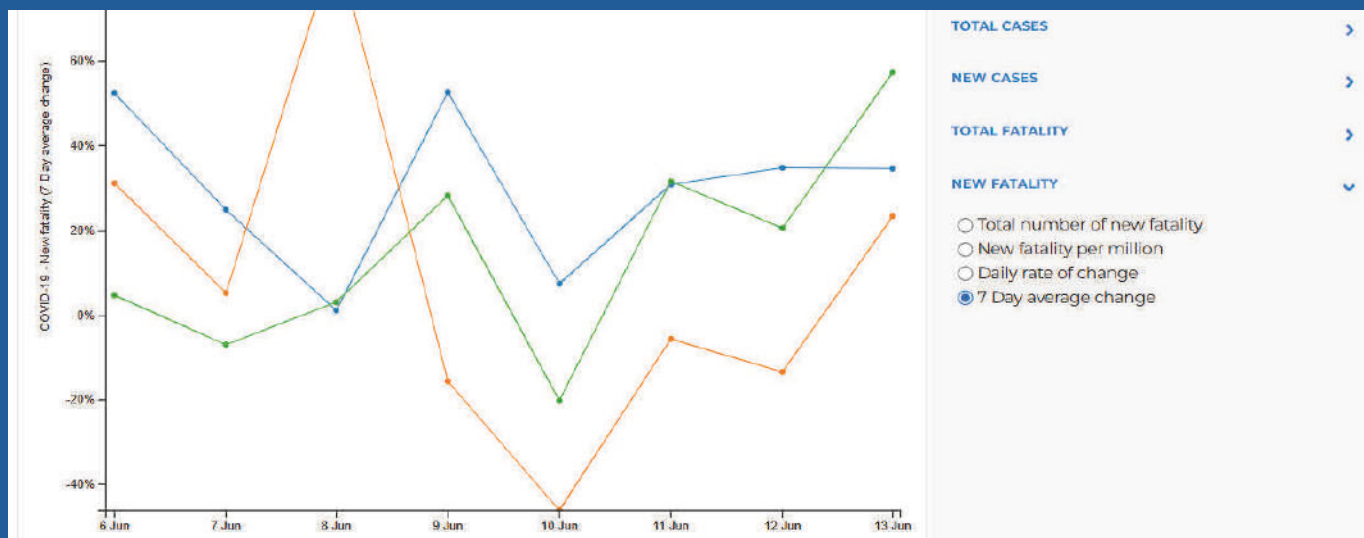
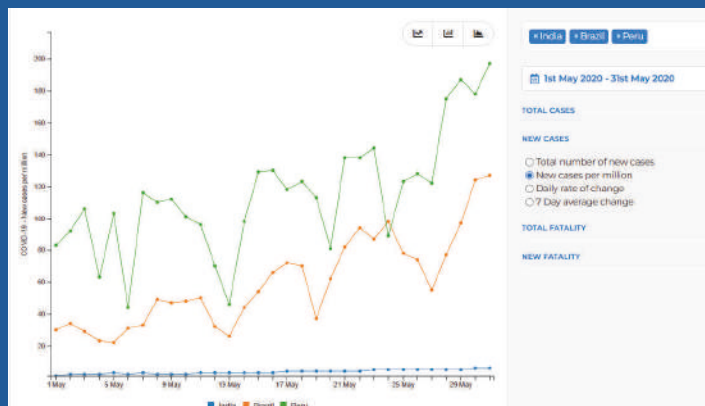
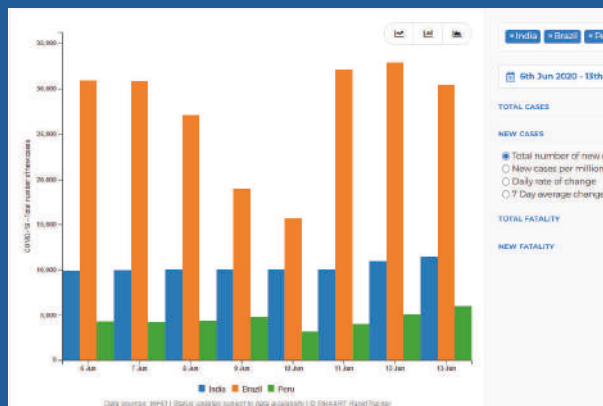
8,884 ↑ 4.54%

As on 13th June 2020

NEW FATALITY

386 ↓ 2.53%

On 13th June 2020



COUNTRYWISE DATA AS ON 20TH JANUARY 2023

Compare Rates

India Brazil Peru

COUNTRIES	TOTAL CASES	NEW CASES	TOTAL FATALITY	NEW FATALITY
India	44,681,650	145	530,728	0
Brazil	36,677,844	12,797	695,615	91
Peru	4,477,064	941	218,580	26

Showing 1 to 3 of 3 entries (filtered from 223 total entries)

Previous

1

Next

Data sources: WHO | Status updates subject to data availability | © SMAART RapidTracker

STATE/REGION WISE DATA

State Comparison

Select states/regions to compare data

STATES/REGIONS	TOTAL DOSES	FIRST DOSE	SECOND DOSE
Uttar Pradesh	301961115	154095422	147865693
Maharashtra	156304843	84660225	71644618
West Bengal	128909519	67304564	61604955
Bihar	122112383	62954574	59157809
Tamil Nadu	110198569	56669313	53529256
Madhya Pradesh	108204238	54143697	54060541
Karnataka	100552784	50032426	50520358

Test Labs

Helpline

Central Number: **011-23978046**

Andhra Pradesh: **0866-2410978**

Andaman and Nicobar Islands: **03192-232102**

Arunachal Pradesh: **9436055743**

Assam: **6913347770**

Bihar: **104**

Chandigarh: **9779558282**

Chhattisgarh: **104**

Dadra and Nagar Haveli: **104**

Delhi: **011-22307145**

Goa: **104**

Gujarat: **104**

Haryana: **8558893911**

Helpline

Test Labs

Helpline

☒ Government

☒ Private

A and N Islands Institute of Medical Sciences

True NAT, CB NAAT and RT PCR
Andaman and Nicobar Islands

GOVT

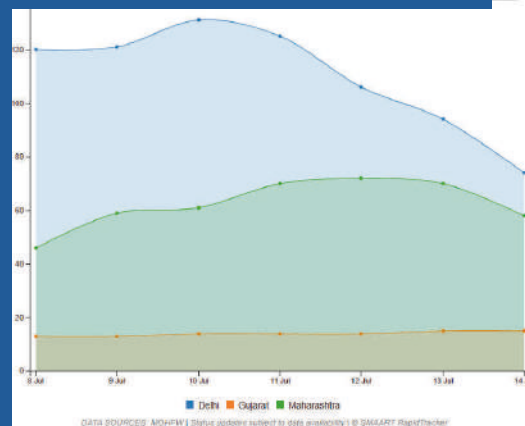
Regional Medical Research Centre

RT PCR
Andaman and Nicobar Islands

GOVT

Test Labs

New Cases per million for various states



Delhi Gujarat Maharashtra

8th Jul 2020 - 14th Jul 2020

CASES

Total Cases

- ☐ Total number of cases
- ☐ Total cases per million
- ☐ Daily rate of change
- ☐ 7 Day average change

New Cases

- ☐ Total number of new cases
- ☒ New cases per million
- ☐ Daily rate of change
- ☐ 7 Day average change

RECOVERY

FATALITY

TESTING

VACCINATION

India - Spatiotemporal Trends of COVID-19

Policy Tracker

Advisory Tracker

POICIES - INDIA

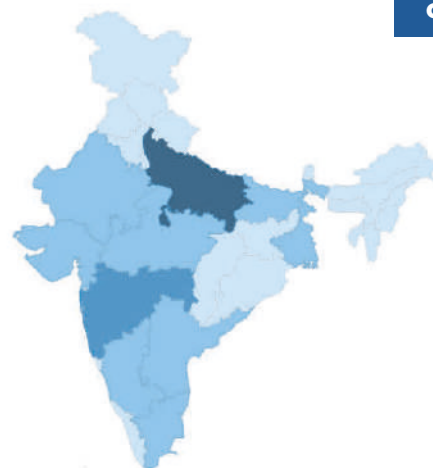
Revised lockdown guidelines (Opening of film/video shooting, Parlour, Salon and Parks from 1st June 2020)

Regarding clarification of movement during night curfew period



Policies Implemented

Country Wide



TOTAL DOSES ADMINISTERED

- None
- 1 - 75,490,280
- 75,490,281 - 150,980,560
- 150,980,561 - 226,470,840
- 226,470,841 - 301,961,120

SMAART[®] Rapid Tracker Publications

Tracking COVID-19 burden in India: A review using SMAART RAPID tracker



Scan to read the full text

Online J Public Health Inform. 2021 March

A study utilizing the SMAART RapidTracker examined the spatiotemporal spread of COVID-19 across Indian states and union territories from March to October 2020. By the close of the study period, India had recorded over 6.3 million cases, 86,821 fatalities, and more than 76 million tests conducted across 1,867 labs nationwide. While findings showed an overall decline in the 7-day average of new cases and fatalities, states including Maharashtra, Karnataka, Andhra Pradesh, Goa, Chandigarh, and Puducherry continued to

report high infectivity rates, underscoring the deeply uneven spread of the virus across the country. The study concluded that India's geographic and demographic diversity demands not just national guidelines, but targeted, state-specific strategies to effectively monitor, contain, and mitigate the spread of disease, reinforcing the critical role of real-time data platforms like SMAART RapidTracker in evidence-driven public health response.

India's COVID-19 Burdens, 2020

Front. Public Health . 2021 April



Scan to read the full text

A study published in Frontiers in Public Health utilized the SMAART RapidTracker to examine the public health implications of COVID-19 in India, tracking spatiotemporal trends from January to December 2020. With over 9.9 million cases recorded by December 2020, India emerged as the second-highest affected country globally. The study highlighted challenges uniquely faced by India, including high population density, geopolitical tensions, economic disruption, and limited testing infrastructure, all of which compounded the spread of the virus. States including

Maharashtra, Tamil Nadu, and Andhra Pradesh bore the highest burden. The study concluded that India's diversity demands state-specific, data-driven strategies, and called for a robust population health informatics surveillance system capable of integrating epidemiological, behavioral, and policy data, reinforcing the critical role of platforms like SMAART RapidTracker in building future pandemic preparedness.

Predictors of COVID-19 Vaccine Acceptance, Intention, and Hesitancy: A Scoping Review

Front Public Health. 2021 August

A study published in *Frontiers in Public Health* analyzed 22 global studies to examine the rates and predictors of COVID-19 vaccine acceptance, intention, and hesitancy. Globally, vaccine acceptance stood at 86% in March 2020, dropped sharply to 54% by July 2020, and recovered to 72% by September 2020, reflecting significant fluctuation driven by evolving public sentiment. Key factors associated with higher vaccine acceptance included older age, male gender, higher education, trust in government and healthcare

providers, prior influenza vaccination, and higher risk perception of COVID-19. Conversely, hesitancy was driven by concerns around vaccine safety, efficacy, rushed development, and misinformation. The study concluded that addressing vaccine hesitancy requires tailored, community-specific communication strategies that build public trust, counter misinformation, and account for socio-demographic and cultural differences, reinforcing that the availability of a safe vaccine alone is not enough; acceptance must be actively earned.



Scan to read the full text

The Impact of COVID-19 Vaccine Communication, Acceptance, and Practices (CO-VIN-CAP) on Vaccine Hesitancy in an Indian Setting: Protocol for a Cross-sectional Study

JMIR Research Protocols. 2021 June

A study conducted across urban and rural settings of Chennai, Tamil Nadu examined the factors influencing COVID-19 vaccine hesitancy and acceptance among approximately 25,000 individuals. Using a cross-sectional design, the study assessed knowledge, attitudes, practices, and beliefs around COVID-19 vaccines alongside socio-demographic characteristics and health status. A pilot of

2,500 individuals was conducted to pretest the survey. The findings aim to not only identify the key determinants of vaccine hesitancy at a population level, but also inform the development of a user-centered, multimedia-driven informatics platform capable of delivering tailored health education to improve vaccine uptake across diverse community settings.



Scan to read the full text

SHINE

Global platform for Nutrition Informatics – launched 2021

About SHINE

SHINE is a global platform for Nutrition Informatics, describing the intersection of nutrition, information, and technology that underlies all areas of dietetics practice. Launched in 2021, SHINE drives data-driven, evidence-based, human-centered design and implementation of nutrition informatics interventions, programs, and policies worldwide.



Tackle the Global Nutrition Crisis

673 million people faced hunger in 2024. 1 in 11 people worldwide goes hungry. 2.6 billion cannot access healthy diets. SHINE exists to change this.

Build Nutrition Informatics Standards

Develop processes, technologies, and evidence-based standards for delivering nutrition care, across maternal health, food insecurity, malnutrition, and non-communicable diseases.

Drive Research to Action

Design, implement, and evaluate innovative informatics interventions that promote positive changes in diets, physical activity, and population health outcomes globally.

01 Maternal and Child Health

- ↳ Maternal undernutrition is a critical public health problem. For e.g. in India one in four women in the reproductive age reported to be underweight. Maternal undernutrition leads to low birth weight (LBW) and LBW children grow as undernourished stunted children. The Covid-19 pandemic has posed an increased threat to maternal and child undernutrition, and compels us to reflect on the causes of maternal and child nutrition, and reaffirm the focus to improve the status.

02 Food Security

- ↳ Food security entails ensuring adequate food supply to people, especially those who are deprived of basic nutrition. Food insecurity remains a global issue. It is a significant issue to both developed and developing countries. Achieving food security goal necessitates emphasizing nutrition in all four pillars of food security targeting policies, designs, and interventions fostering nutrition-sensitive agriculture, driving economic prosperity, and promoting food systems that prioritize access to safe, nutritious, sufficient, and high-quality food for all.

03 Double Burden Malnutrition

- ↳ The dual burden of underweight and overweight/obesity is alarming and urgent public health measures need to be considered along with data driven evidence based policy initiatives. It is necessary to understand the existence of the dual burden of undernutrition and overnutrition among populations living in diverse settings due to unequal patterns of economic development, and demographic and epidemiological transitions occurring differently across different regions.

04 Non Communicable Diseases

- ↳ Addressing the prevention and management of non-communicable diseases is a critical challenge for healthcare systems worldwide. As per the World Health Organization, about three-quarters of all deaths globally are caused by NCDs, of which the majority are in low- and middle-income group countries. Genetic, physiological, environmental, and behavioural factors often influence these typically long lasting diseases.

Nutrition Informatics Publication

Need and Importance of Nutrition Informatics in India: A Perspective

Published in Nutrients, May, 2021

India stands at a critical juncture in its nutrition landscape, undergoing a rapid nutrition transition driven by demographic and socioeconomic change, with the country now facing a double burden of malnutrition and rising rates of obesity and diabetes. This paper makes the case for Nutrition Informatics (NI) the effective retrieval, organization, and use of food and nutrition-related data, as a critical tool to address this growing challenge.

While India already has a strong foundation to build on, including platforms such as POSHAN Abhiyan, the Eat Right India program, the National Institute of Nutrition's Nutrition Atlas, and the Nutrify India Now app, the paper highlights a significant gap: the absence of a trained Nutrition Informatics workforce. Standardized terminology and informatics practices have yet to be adopted by India's dietetic community, and training opportunities in this space remain extremely limited.

The paper presents a SWOT analysis of India's nutrition data ecosystem, recognizing strengths such as the Digital India Initiative and existing nutrition dashboards, while flagging

weaknesses including workforce gaps and the immense diversity of dietary patterns across the country, which makes a one-size-fits-all approach to nutrition policy nearly impossible.

Conclusion

The paper concludes that digital health technologies hold the key to improving nutrition outcomes, but only if the workforce is adequately trained to use them. With the right investment in Nutrition Informatics education and training, India is uniquely positioned to not only solve its own nutrition challenges but to serve as a model for other developing nations working toward the Sustainable Development Goals.

Scan to read the full text



Food Systems

Nutrition Policy

Health Outcomes

POSHAN Abhiyaan

Nutrition Surveillance

Training

Data Analytics

Nutrition Informatics

Public Health Nutrition

Digital Health

Research

Technology

Workforce Development

Sustainable Development Goals

“The Nutrition Informatics Membership is designed to build a vibrant community of learners and practitioners at the intersection of information technology and nutrition. It welcomes students, researchers, practitioners, and professionals from diverse fields who share a passion for understanding how technology can drive behavior change in nutrition research and practice. Members benefit from opportunities to exchange ideas, participate in workshops, and collectively advance the role of nutrition informatics in improving the health and well-being of individuals, families, and communities. Open to all, this membership serves as a platform for those keen to deepen their knowledge and broaden their expertise through research, innovation, programs, policies, and education in the field of nutrition informatics.



Become a Member

”

Gateway to **PUBLIC HEALTH** Initiative



The Gateway to Public Health (GPH) is a standalone digital knowledge solution created to empower students, youth, and professionals exploring careers in public health. By providing open access to a comprehensive public health repository, GPH bridges knowledge gaps and supports the growth of the next-generation public health workforce. Our platform combines information, updates, expert insights, and learning opportunities to help users make informed choices about education, research, and career pathways in public health.



Programs Dashboard

Explore curated dashboards for India, USA, and worldwide, presenting the characteristics of public health education programs offered by different institutes and universities.



Global Updates

Stay informed with regular updates on research, innovations, and current happenings in the field of public health worldwide.



Resource Repository

Access a growing collection of resources to guide your education, research, and career development in public health.



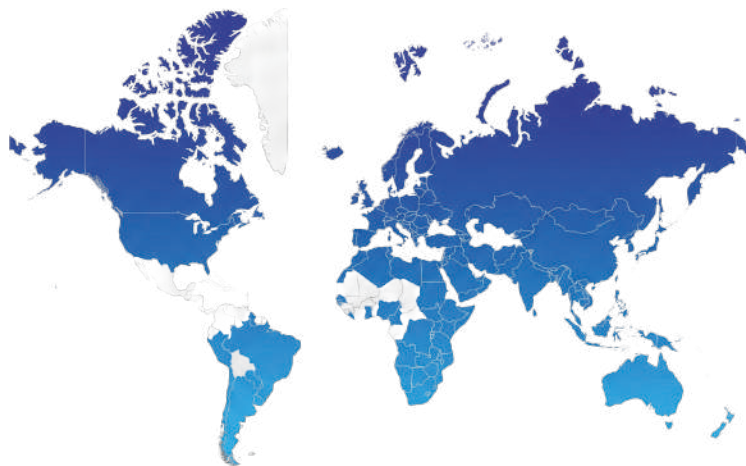
Webinars & Workshops

Join our monthly series of interactive sessions with technical experts designed for students and early-to-mid career professionals passionate about public health.

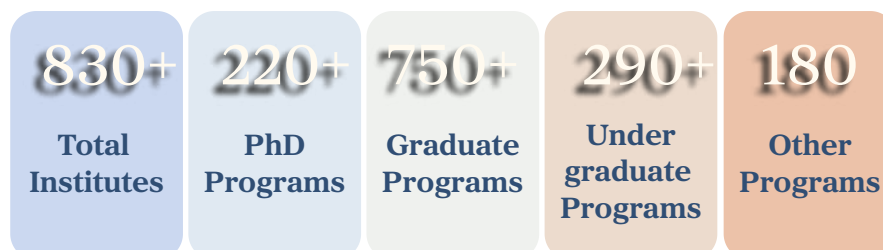




PUBLIC HEALTH PROGRAMS IN INDIA



PUBLIC HEALTH PROGRAMS IN THE WORLD



STATUS AS OF JUNE, 2026



SMAART Well-Being Among Youth
A digital platform fostering positive
behaviors and holistic student
well-being · Initiative launched in 2019

Background

Youth well-being is a major global concern, marked by rising anxiety, digital pressures, and shifting societal expectations. Young people are faced with global crises such as climate change, wars, and rising inequalities. The World Youth Report adopts a youth-informed social determinants approach, examining how education, work, family dynamics, poverty, digital environments, societal attitudes, and climate change shape mental health outcomes. One in seven young persons between the ages of 10 and 19 is experiencing a mental health condition, and the prevalence of mental health issues among young people is increasing.

OBJECTIVE

To identify the multiple determinants and factors impacting well-being among undergraduate and graduate students.

To design and develop a digital health intervention addressing well-being among undergraduate and graduate students.

To evaluate the feasibility and acceptance of the proposed digital health intervention.

To evaluate the role of the digital health intervention, its adherence and engagement in enhancing the well-being of undergraduate and graduate students.





What is Well-being?

"Well-being is a positive state experienced by individuals and societies. Similar to health, it is a resource for daily life and is determined by social, economic and environmental conditions. Well-being encompasses quality of life and the ability of people and societies to contribute to the world with a sense of meaning and purpose." -World Health Organisation

[Read More](#)

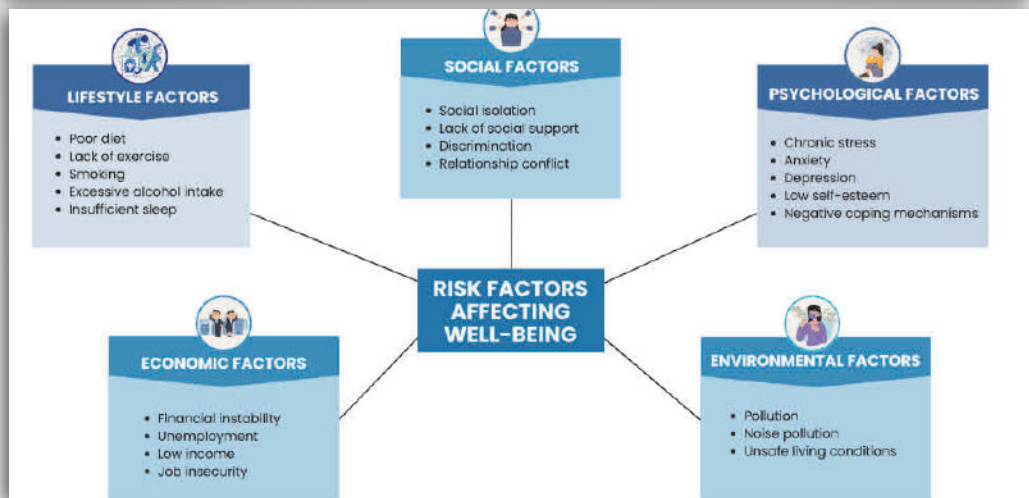


Facts About Well-being



- ⌚ The Global Mind Health in 2025 (GMIH) reports that globally, 40% of young adults are clinically distressed or struggling, resulting in a low average Mental Health Quotient (MHQ) of 36.
- ⌚ WHO reports (Sep. 2025) that one in seven (14.3%) of 10-19-year-olds experience mental health conditions globally.
- ⌚ Depression, anxiety, and behavioral disorders are among the leading causes of illness and disability among adolescents.

[Read More](#)



Dimensions of Well-being

No health without mental health - World Health Organisation

Emotional Well-being

A person's capacity to manage emotions and cope with stress, fostering a positive emotional state.

Psychological Well-being

The overall mental state of an individual, encompassing aspects like self-acceptance, purpose in life, and resilience.

Physical Well-being

The state of an individual's physical health, including exercise, nutrition, and bodily functions, influencing overall well-being.



Spiritual Well-being

Spiritual well-being encompasses an individual's sense of purpose and meaning in life, guiding their morals and ethics.

Social Well-being

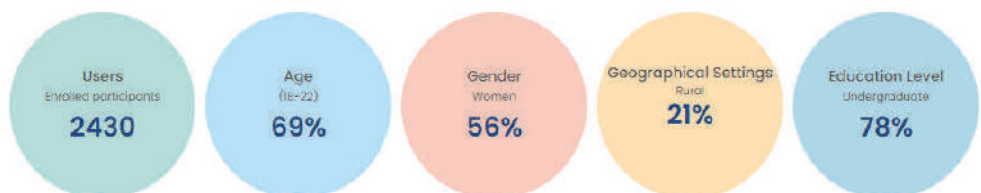
The quality of an individual's relationships and their ability to contribute to and interact with their community.

Financial Well-being

A person's financial stability and their ability to manage their financial resources effectively to maintain a healthy lifestyle.

Study Outcomes

Updated on: 13 Jun, 2026



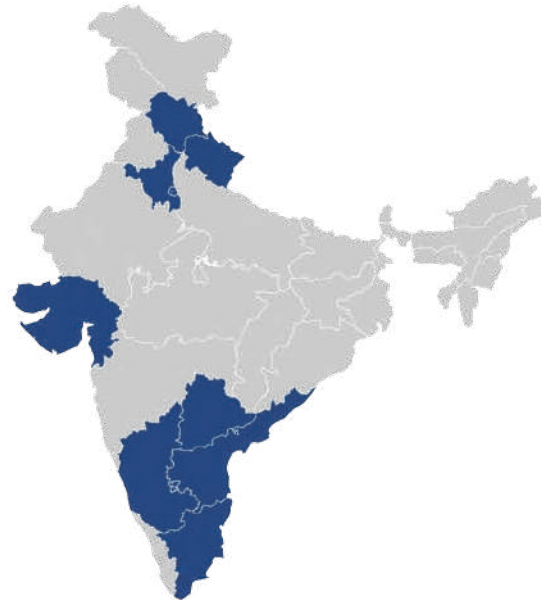
Inclusive · Diverse · Equitable · Accessible · Sustainable Collaborative Researchers Group

Objective:

A Cross-Institutional collaboration to support Leadership and Educational Advancement in Public health (LEAP)

Goals:

Facilitate cross institutional and cross sector collaboration to enhance public health education, research and practice.



Foster public health research across multiple sites to enhance good health and well-being.

Generate new knowledge through innovative and entrepreneurial public health innovations, interventions, programs and policies using data driven, and evidence-based approaches

25+ Partnerships With Various Institutes Across India

Opportunities

- Collaborate on research projects and publications: Work across institutions on meaningful public health research and contribute to joint publications that advance the field.
- Contribute towards skill-building workshops: Share expertise by facilitating workshops that build the next generation of public health professionals.
- Submit joint collaborative proposals: Leverage 25+ institutional partnerships across India to submit stronger, broader collaborative funding proposals.
- Experiential learning for students and practitioners: Access field-based learning opportunities that bridge academic knowledge with real-world public health practice.





Empowering students to explore, learn, and lead in building a healthier world.

FHTS Model of Student- Centeredness

At FHTS, education is not one-size-fits-all. The FHTS Model of Student- Centeredness is built on the belief that every learner brings a unique set of goals, strengths, and aspirations, and that true education begins when those are recognized and respected. Our programs are designed to be flexible, synchronous, and deeply responsive to the needs of each individual student, ensuring that learning is not just accessible but meaningful. Through mentorship, experiential learning, and active community engagement, we go beyond the classroom to nurture both academic and non-academic growth.

At FHTS, students are not passive recipients of knowledge, they are active participants in shaping their own learning journey, empowered to explore, lead, and create lasting impact in the communities they serve. This model is brought to life through three core initiatives:



FHTS Model of Student Centeredness

Mentorship is an integral component – enhancing academic and non-academic skills through an innovative and participatory experiential learning experience.

-Says Dr. Ashish Joshi

A Virtual Interactive Novel Support Program for Innovation, Research and Entrepreneurship aims to address population health challenges of the 21st century by enhancing academic and non-academic skills of students using an innovative and participatory experiential learning experience.

1. Scientific evaluation

Students evaluate scientific information pertaining to public health, building the analytical foundation for evidence-based thinking.

2. Communication across media

Participants learn to translate public health information and science across a variety of media platforms, reaching broad and diverse audiences.

3. Practical experience

Hands-on exposure in public health practice and research prepares

students for real-world challenges beyond the classroom.

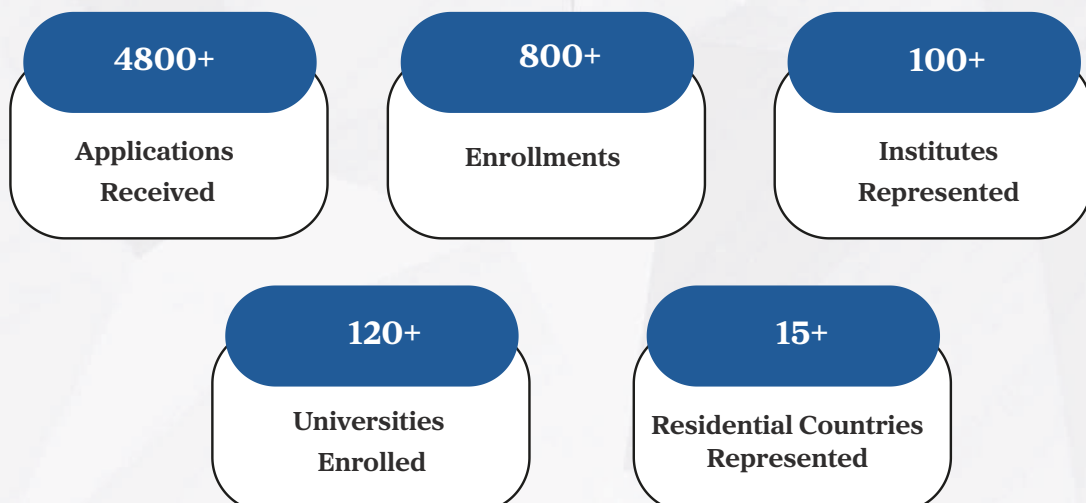
4. 21st century innovation

Students address contemporary public health challenges through entrepreneurship, creativity, and out-of-box thinking.

5. Community and career readiness

Engaging with communities helps develop technical and interpersonal skills, building professional networks and career confidence.

Facts About v- INSPIRE



STATUS AS OF JUNE, 2026



Lumbani Mwiza Msiska,
BPH, Parul University, Gujarat

During my internship with FHTS, I worked on health system mapping and comparative analysis of countries, and explored public health issues such as climate change and its impact on health. I developed skills in research, data analysis, and understanding global health systems and challenges. I have gained experience in health system analysis, public health research, and global health challenges.

Rahul Kumar

M.Sc. Forensic Sciences, Department of Anthropology, University of Delhi



As my V-INSPIRE internship comes to an end, I would like to express my sincere gratitude to all the members of FHTS for the continuous support, guidance, and encouragement throughout this journey. This internship has been an incredibly valuable learning experience for me, both academically and professionally. I had the opportunity to gain practical exposure in public health research, data collection, survey methodologies, community-based health programs, data analysis, and research writing. The experience has greatly strengthened my understanding of epidemiology, research methodology, and implementation-based public health work. I would especially like to thank all the mentors, coordinators, faculty members, and staff at FHTS for creating such a supportive and motivating environment. Your guidance helped me improve my communication skills, teamwork, analytical abilities, and confidence in research practices. Being a part of the V-INSPIRE internship has truly inspired me to continue pursuing my interests in public health and research. I am grateful for the knowledge, mentorship, and experiences I received during my time with the organization. Thank you once again to everyone at FHTS for your support and kindness. I hope to stay connected and contribute again in the future.

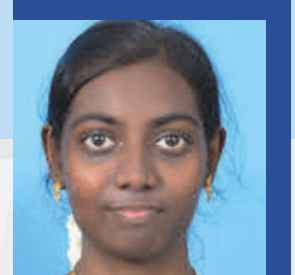


Ranjan Tyagi
MPH, Max Institute of Medical Education

During the internship at v-Inspire, Foundation for Healthcare Technologies Society (FHTS), I had a highly enriching and impactful learning experience. The internship provided strong exposure to public health research, programmatic thinking, and evidence-based approaches to health system strengthening. The online sessions and meetings were intellectually stimulating and collaborative, encouraging critical thinking, innovation, and practical problem-solving. I gained valuable hands-on experience in data analysis, literature review, report writing, and understanding real-world public health interventions aligned with sustainability and health equity. The mentorship and guidance provided by the team and to mention my guide for the internship Dr. Priyanka Arora was exceptional, fostering both professional growth and confidence. This internship significantly enhanced my understanding of public health practice and reinforced my commitment to contributing meaningfully to population health and policy-oriented research. I strongly recommend v-Inspire (FHTS) to students and professionals seeking a rigorous, value-driven, and impactful learning experience in public health.

Melodina Suvishtha R

MPH, Prasanna School of Public health, Manipal Academy of Higher Sciences, Karnataka



The certificate program was a truly enriching experience that strengthened my understanding of both quantitative and qualitative data analysis. I gained hands-on experience in cleaning, interpreting, and visualizing data effectively. The most rewarding part was learning to design and build interactive dashboards, which helped me translate data insights into actionable public health information. This program has greatly enhanced my analytical and technical skills for real-world applications.

Launched in 2020, COPHI — Community of Population Health Informatics, is more than a discussion board. It is a living, breathing space where individuals come together to share knowledge, challenge ideas, and learn from one another. Built on the principles of critical thinking and peer-to-peer engagement, COPHI encourages its members to reflect, take positions, and communicate meaningfully on issues that matter in public health.

Whether you are teaching, learning, or simply

listening, COPHI creates a professional yet open environment where every voice contributes to a richer, collective understanding of population health, making it one of India's most dynamic communities for informed dialogue and knowledge exchange.

How it works?

- + Discuss & debate health challenges
- + Advance Sustainable Development Goals
- + Encourage critical thinking on real issues
- + Foster professional peer exchange

Why COPHI Matters?



Research & Innovation

Evidence-based approaches
to population health
challenges



Skills & Entrepreneurship

Building capacity across
disciplines



Education, Economy & Employment

Bridging learning with real-world
opportunity



Health & Well-Being

Advancing equity and sustainable
outcomes



Policy & Governance

From data to policy to action



RESEARCH. IDEATE. SHARE. EMPOWER.

- 35 Forums
- 172 Topics
- 11,827 Posts
- 1,046 Members

Who can Join?

- Students
- Researchers
- Public Health Professionals
- Innovators
- Policymakers



Join COPHI

**COPHI**

@cophi1

Posts: 52

Estimable Member

Admin

★★★★★

Topic starter

Global health and health diplomacy are interlinked and have emerged as a key factor for global disclosure in the field of public health. The borderless nature of health, the influence of determinants beyond health, requires a special capacity and skill set. Capacity building in GHD is equipping health professionals, diplomats, and other stakeholders with the capacity to navigate sophisticated health issues with foreign policy (1) (2).

The World Health Organization (WHO) report on health diplomacy training had the aim of improving participants' understanding of global health diplomacy and governance while raising awareness of the intersection of global health and other areas such as foreign affairs, economics, trade, climate change, and human rights (2). WHO, Executive Training course on global health diplomacy in Times of Emergencies and Strengthening Preparedness, 2024 bridge health policy, science, and diplomacy to achieve better health outcomes (3). United Nations Institute for Training and Research (UNITAR) Diplomacy 4.0 Training Programme E-learning course 2025 focused on digital diplomacy and cross-sector coordination (4).

Contemporary globalization requires political consultations, diplomatic negotiations, and cross-border solutions. The major challenges related to health diplomacy are vaccine hesitancy, noncommunicable diseases, access to medication and technologies, and the liberalization of trade with a view to reductions in pharmaceutical costs through SDGs demand collaborative efforts (2).

References:
1. Elil Renganathan, & Matsoso, P. (2023). Strengthening Global Health and Health Diplomacy Capacity in the



The Process

CAMP is a unique, first of its kind, public health **Career and Mentorship Program** that aims to provide students an opportunity to explore career pathways in the field of public health.



What is CAMP?

This program orients and equips prospective students towards building a successful public health career and its related fields. CAMP organizes a series of webinars, workshops, discussion forums, debates, and panel events to guide, educate and mentor students with credible sources of information on

how best to equip and prepare themselves for a meaningful and a successful public health career.

27+ Events | 2,600+ Registrants

How It Works

01

Build the
Community



CAMP creates a community of public health aspirants and brings them together on a platform to share insights, views, and real-life experiences of professionals in the field, with a keen focus on mentorship and informed decision making.

02

Discuss What Matters



For every event, a set of elite panelists with insightful journeys alongside aspiring public health professionals discuss pressing questions pertaining to public health. Topics are warily chosen and discussions are monitored by professionals with timely, insightful inputs.

03

Guide, Educate,
Mentor



Through a series of webinars, workshops, discussion forums, debates, and panel events. CAMP connects students with credible sources of information on how best to equip and prepare themselves for a profound and successful public health career.

What it addresses?

01

Bridge the Gap



CAMP directly addresses the existing gap between aspirants and potential career options in public health, building a multisectoral approach to modern healthcare and making pathways visible and accessible to all.

02

Enable Mentorship for Decision Making



Limited mentorship is one of the biggest barriers to informed career decisions in public health. CAMP creates structured opportunities for aspirants to assess their preparedness and connect with professionals who have walked the path.

03

Assess what Actually Grows



CAMP measures outcomes that matter, informed decision making, mentorship, career prospects, and professional development, ensuring every event translates into real, lasting growth for its participants.

Outcomes Assessed

01 Informed decision making

03 Career prospects

02 Mentorship

04 Professional development

I attended this webinar, and it was very refreshing for my career. The presenter was knowledgeable, engaging, and gave practical advice that I could apply immediately. I left feeling inspired and motivated, and I have already seen the benefits in my work. I would highly recommend such events to anyone looking to improve their skills and advance their career.

*Sheetal Kewlani
Uttar Pradesh, India*

The session helped broaden my perspective on public-health issues and the role each of us can play in prevention and community engagement. I found the discussions interactive, inspiring, and grounded in real-life case studies. It has motivated me to think more critically and contribute more actively within my field. The presenters explained complex concepts in an accessible way and highlighted actionable interventions. Thank You So Much!

*Asha Bhagat
Working Professional, AIIMS Deoghar, India*

TESTIMONIALS

Academic Programs



PREPARING THE PUBLIC HEALTH WORKFORCE OF THE 21ST CENTURY

FHTS has built one of India's most extensive networks of academic partnerships in the field of population health, working hand in hand with leading medical, dental, nursing, and nutrition institutions across the country to shape the next generation of healthcare professionals. These collaborations are not just training programs, they are carefully designed academic ecosystems that bridge classroom learning with real-world research and innovation, equipping students with the skills to translate evidence into action. Together, these collaborations have enrolled more than **2,100+ students** from institutions across India, reflecting not just scale, but a deep, sustained commitment to building a healthcare workforce that is research-driven, technology-enabled, and community-focused, capable of meeting the public health challenges of the 21st century, today and in the years to come

Our Academic Program Offerings

- **Fundamentals of Population Health Research** (FPHR) is a discipline that emphasizes the health outcomes of a group of individuals, including the distribution of such outcomes within the group,

wherein research serves as a vital mechanism for elucidating the multifaceted determinants influencing these outcomes. Population health research is concerned with how different factors interact, rather than how they operate independently.

- **Human Centered Design and Development of Community Health Intervention**

(HCD-DCHI) is a discipline that focuses on crafting tailored strategies specifically designed for implementation in community settings, ensuring they are human-centered, accessible and contextually appropriate. Community-based health interventions refer to programs and initiatives that aims to improve the health and well-being of specific population groups within a defined local community.

- **Introduction to Data Analysis in Healthcare**

(IDAH) builds a comprehensive understanding of data analytics in healthcare, enabling learners to extract actionable insights, analyse datasets, and communicate findings that address contemporary health challenges.

- **Principles of Health Policy, Advocacy and Leadership**

(PHPAL) develops competency and leadership in implementing data-driven, evidence-based health policy and advocacy strategies that promote equitable access to care and improve population health outcomes

- **Applied Health Informatics**

(AHI) cultivates the skills needed to leverage information technology and communication tools to improve healthcare delivery and outcomes.

- **Health and Nutrition Informatics**

(HNI) develops the ability to manage and secure nutrition-related data, ensuring its quality, accuracy, and accessibility for effective decision-making and patient care.

PhD Program in Population Health Informatics

First global PhD program in collaboration with Dehradun Institute of Technology University (DIT) University, Uttarakhand, trained 17 fellows across diverse disciplines in technology-enabled population health interventions.

Physician & Nursing Researcher Program

India's first 5-year program for undergraduate medical and nursing students, in collaboration with Panimalar Medical College Hospital & Research Institute, having trained over 900 medical and 500 nursing students to date.

Health & Nutrition Informatics Training

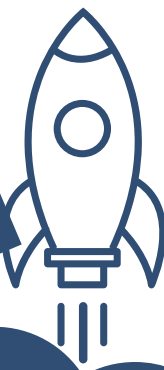
India's first training program in Health and Nutrition Informatics, developed in collaboration with St. Ann's College for Women, Hyderabad, trained nearly 30+ students in digital health and nutrition informatics.

Operational Research in Population Health

Operational Research in Population Health trained over 100+ medical undergraduates from Saveetha Medical College & Hospital, Chennai, building early research exposure and healthcare innovation skills.

Fundamentals of Population Health Research

Strengthening public health research in dentistry, trained over 170+ dental students from Sudha Rustagi College of Dental Sciences & Research (SRCDSR) Faridabad, in operational research fundamentals and digital health applications.



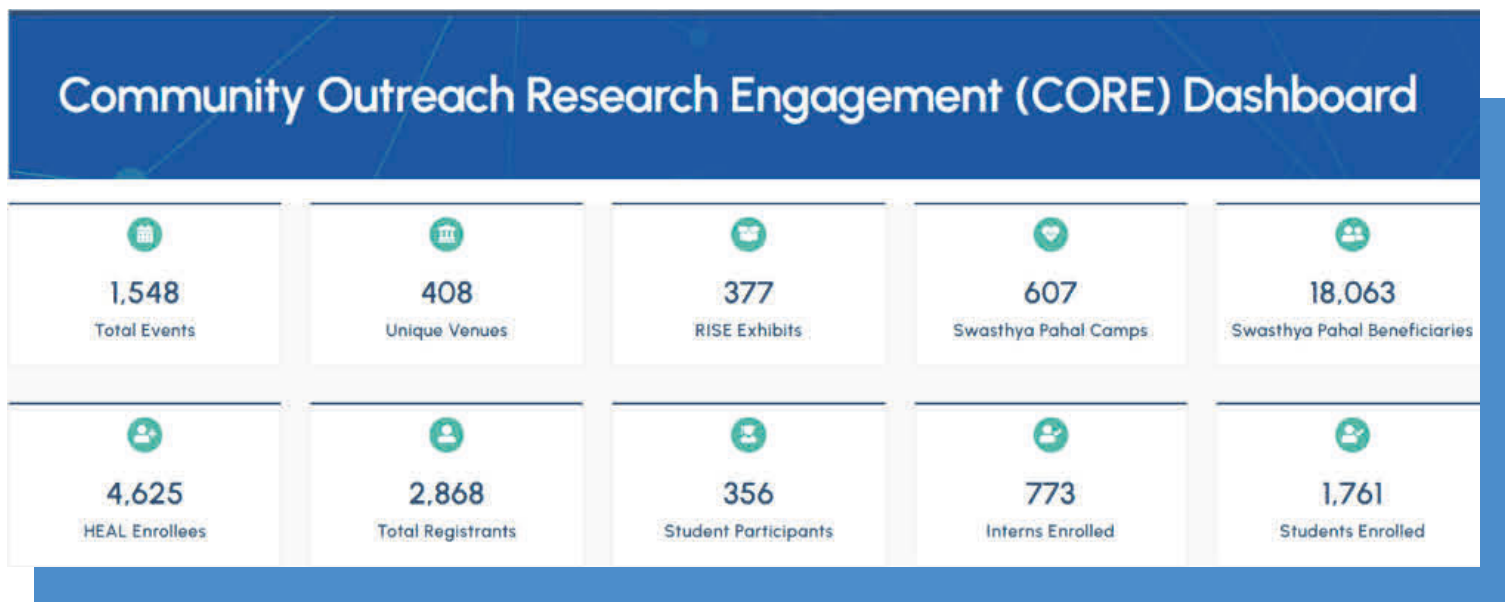


CORE Dashboard

The FHTS CORE Dashboard is an interactive, data-driven platform designed to track, visualize, and optimize community engagement. By bringing together raw data, dynamic charts, and geographic maps, it presents multiple indicators at a glance enabling real-time Impact Tracking across all FHTS initiatives.

More than just a monitoring tool, the CORE Dashboard brings transparency to our work, informs smarter resource allocation, and fosters inclusive, data-driven decision-making, directly aligned with FHTS's mission, vision, and values.

At its heart, the dashboard embodies the **Five C's** that guides our work: **Collaboration, Communication, Commitment, Cultural and Contextual Relevance,** and Contribution, strengthening our impact across public health research, education, and practice.



Community Outreach Research Engagement (CORE) Dashboard

Swasthya Pahal ▾



661

Total Events



346

Unique Venues



18,892

Swasthya Pahal Beneficiaries



158

Events (Police Facilities)



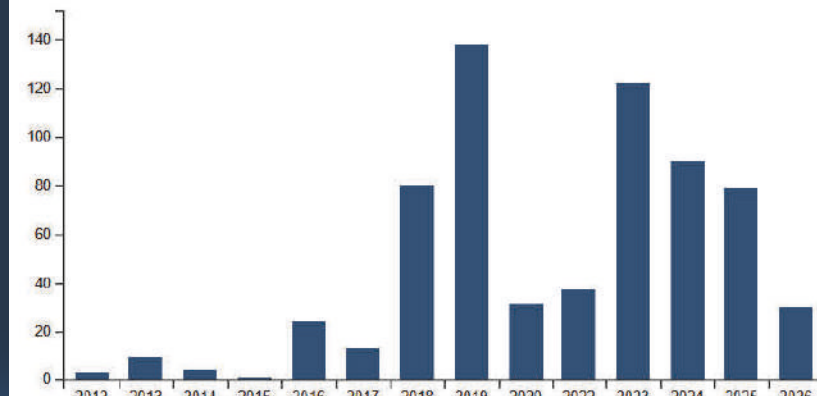
5,226

Beneficiaries (Police Facilities)

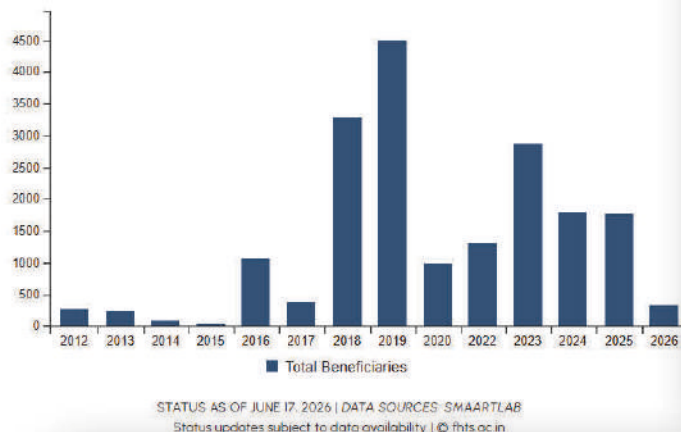
Select Initiative

Initiative	Dashboard
RISE (Research, Innovation, Skills and Entrepreneurship) RISE initiative aims to empower individuals aspiring to make the world a better place through research, innovation, skills and entrepreneurship.	View Dashboard
Swasthya Pahal A health for all initiative uses SMAART platform's Portable Health Information Kiosk (PHIK) to make health available, accessible and affordable in rural, urban, urban slum and hilly settings in India.	View Dashboard
CAMP (Career and Mentorship Program) CAMP is a unique, first of its kind, public health Career and Mentorship Program that aims to provide students an opportunity to explore career pathways in the field of public health.	View Dashboard
HEAL (Healthy Eating Active Living) HEAL for Non-communicable Diseases aims to enhance self-management of Non-communicable diseases through multilingual SMS delivery.	View Dashboard
v-INSPIRE Programs v-INSPIRE is Interactive Novel Support Program for Innovation, Research and Entrepreneurship, aimed to address population health challenges of the 21st century.	View Dashboard
Training Programs A platform showcasing a range of training programs designed to build capacity and enhance knowledge among students and professionals in the field of public health.	View Dashboard

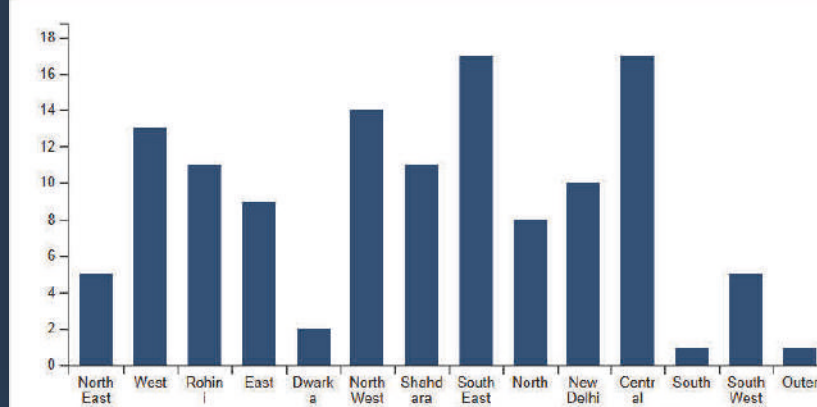
Year wise breakdown of total number of events



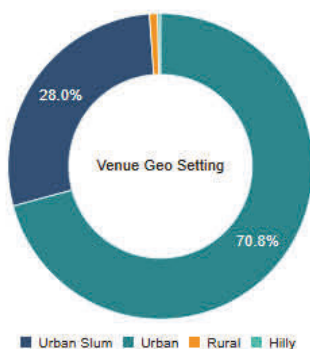
Year wise breakdown of total number of Swasthya Pahal beneficiaries



Event count across various police districts of Delhi

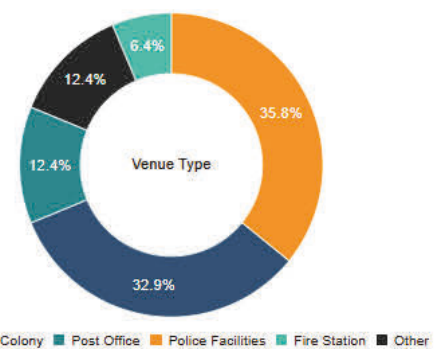


Geo-setting wise distribution of event venues

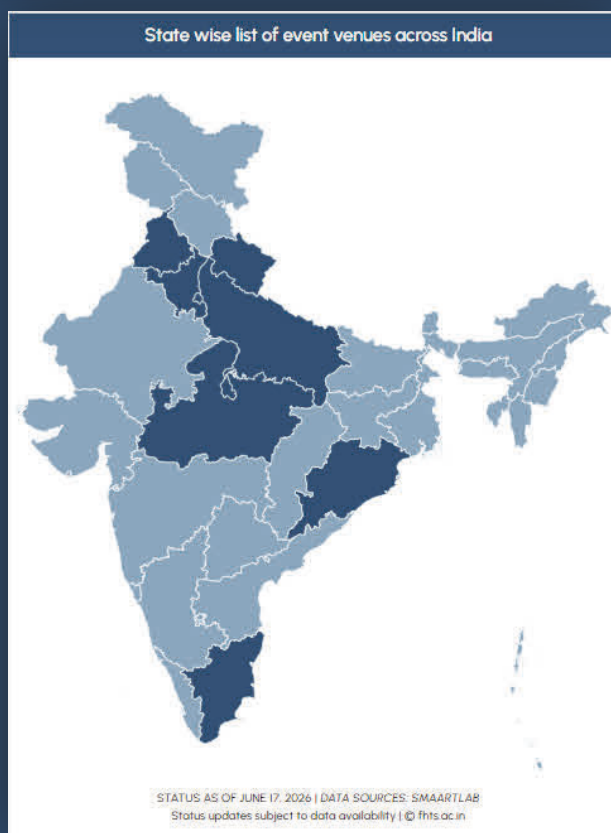
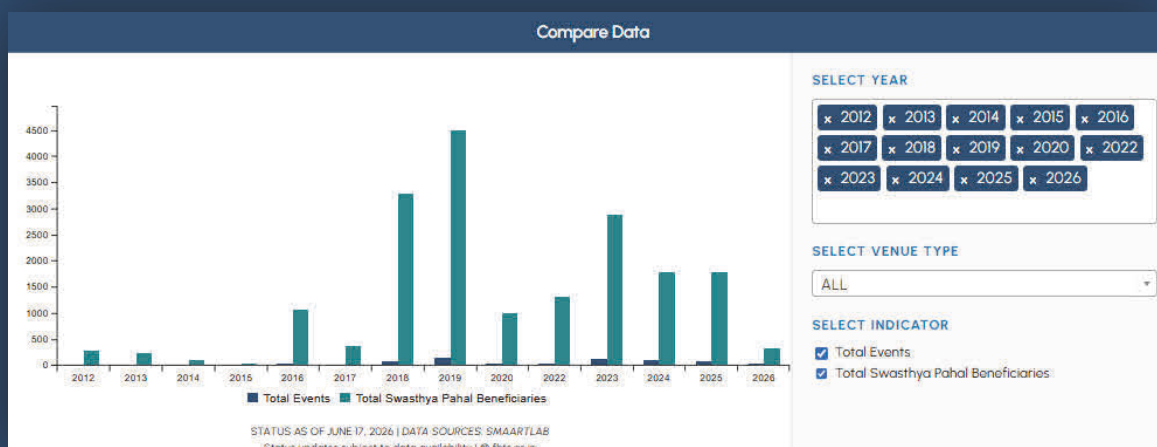
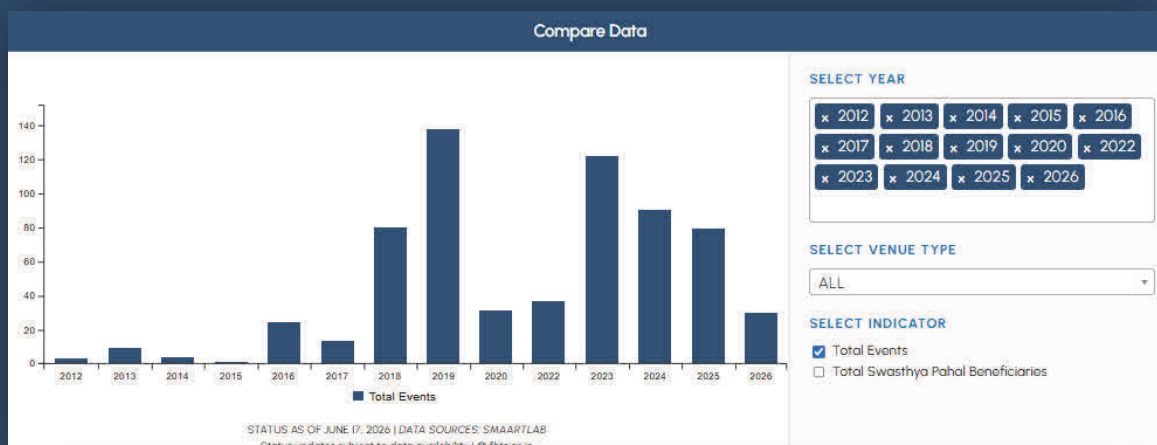


STATUS AS OF JUNE 17, 2026 | DATA SOURCES: SMAARTLAB
Status updates subject to data availability | © fhcs.ac.in

Classification of event venues by type



STATUS AS OF JUNE 17, 2026 | DATA SOURCES: SMAARTLAB
Status updates subject to data availability | © fhcs.ac.in



DATA AS OF MAY, 2026

Publications

With over 85 publications and counting, here's a small window into the research shaping our work.

1

Designing and Evaluating a Nutritional Assessment and Intervention Kiosk for Mother-Child Dyad to Combat Double Burden of Malnutrition.

International Journal of Food Sciences and Nutrition, 2024 March



Scan to read the full text

This study developed and evaluated the Nutritional Assessment and Intervention Kiosk (NAIK), a technology-based platform that combines data collection, growth monitoring, nutritional assessment, and personalized educational interventions to address child malnutrition. Results showed NAIK to be effective in identifying nutritional risks and delivering tailored recommendations to improve child nutrition outcomes — highlighting the potential of digital health tools to strengthen community-based nutrition programs and support evidence-based decision-making.

2

Resilience in Management of Chronic Diseases: A Review of the Strategies, Approaches, and Interventions.

Discover Public Health, 2025 November



Scan to read the full text

This study explores how nutrition informatics can enhance nutrition assessment, intervention, and decision-making through digital health technologies. It highlights the role of informatics tools in improving data collection, management, and analysis, enabling more personalized and evidence-based care. The study also emphasizes the need to address challenges such as data quality, interoperability, and user adoption. Overall, nutrition informatics shows strong potential to improve public health nutrition programs and health outcomes.

3

Utilising Consumer Reviews for Passive Surveillance of Foodborne Illnesses: Insights and Challenges from the Indian Restaurant Industry.

International Journal of Public Health Science (IJPHS), March 2025



Scan to read the full text

The study explored online consumer reviews as a passive surveillance tool for detecting food safety concerns in Indian restaurants. By analyzing over 56,000 reviews using sentiment analysis, interviews, and literature review, researchers found that online reviews can help identify hygiene and food safety issues. However, challenges such as unreliable information, language diversity, and lack of evidence limit their regulatory use. The study recommends using social media data to complement traditional surveillance systems.

4

Baseline Nutritional Status of Mother-Child Dyads in Urban Slums: Pre-Intervention Analysis for a Nutrition Informatics Intervention.

National Journal of Community Medicine, 2025 January

This study examined the nutritional status and lifestyle patterns of mother-child dyads living in the urban slums of Gautam Budh Nagar, Uttar Pradesh. The findings revealed significant nutritional challenges and highlighted the double burden of malnutrition in these underserved communities. The study emphasizes the need for targeted interventions, including improved access to affordable and nutritious foods, promotion of regular physical activity through community-based programs, and greater awareness of healthy feeding practices and lifestyle choices among mothers. By addressing these factors, the study suggests that the overall health and well-being of both mothers and children can be significantly improved.



Scan to read the full text

5

Planetary Health Interventions and the Need for a Unified Global Informatics Tool: A Narrative Review

Journal of Clinical and Diagnostic Research, 2024 June.

This review identified 40 planetary health interventions aimed at addressing climate change, environmental degradation, and human health. Effective strategies included sustainable diets, active transportation, renewable energy, biodiversity conservation, and climate-responsive health systems. While these initiatives showed benefits for both environmental sustainability and public health, the study highlighted the need for a centralized global platform to document, evaluate, and scale interventions, supporting evidence-based policies and coordinated action.



Scan to read the full text

6

Design, Develop, and Pilot-Test a Digital Platform to Enhance Student Well-Being: Protocol for a Mixed-Methods Study.

JMIR Research Protocols, 2024 July

This study examined the use of artificial intelligence (AI), machine learning, and deep learning in nutrition research and practice. The findings highlight AI's potential to improve diet assessment, personalized nutrition recommendations, chronic disease management, and nutrition education. While AI can enhance the accuracy and efficiency of nutrition interventions, challenges related to data quality, privacy, transparency, and equitable access remain. The study concludes that AI holds significant promise for advancing nutrition science, provided it is implemented ethically and rigorously validated.



Scan to read the full text

FROM THE





G R O U N D U P







Obstruction is Opportunity and Innovation is Struggle

-Ashish Joshi

EMAIL ADDRESS

contact@fhsts.ac.in

PHONE

(011) 41621004
91-8527897771

REGISTERED ADDRESS

321, 322 & 323 Third floor
Somdatt Chamber- 2
9 Bhikaji Cama Place, New Delhi
Delhi- 110066

FHTS SMAART CENTERS

**FHTS SMAART CENTER,
Uttarakhand**
Govt. Doon Medical College

Room No. 216, First Floor
Patel Nagar, Dehradun
Uttarakhand- 248001

FHTS SMAART CENTER, Haryana
Sudha Rustagi College of Dental
Sciences and Research

Third Floor, Sector 89, Kheri More,
Faridabad, Haryana-121002

FHTS SMAART CENTER, Delhi

321, 322 & 323 Third floor
Somdatt Chamber- 2
9 Bhikaji Cama Place, New Delhi
Delhi- 110066

FHTS SMAART CENTER, Tamil Nadu

**Panimalar Medical College Hospital
& Research Institute**

Varadharajapuram, Poonamallee,
Chennai
Tamil Nadu- 600123



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