Bridging the Gap of Social Economic Inequalities through Research Innovation and Entrepreneurship

Certification

We are certified as a Scientific & Industrial Research Organization (SIRO) by the Department of Scientific and Industrial Research (DSIR), New Delhi, Govt. of India.

1. Nationally Registered Society 6th : March 2012 www.fhts.ac.in

2. Registration Number S/877/20123. Darpan ID : DL/2019/02357454.

3. Exempted u/s 12A vide Registration No AAAAF2091FE202065.

4. Exempted u/s 80G (5) (vi) vide Registration No AAAAF2091FF20206

Our Ten Years Journey
(2012-2022)
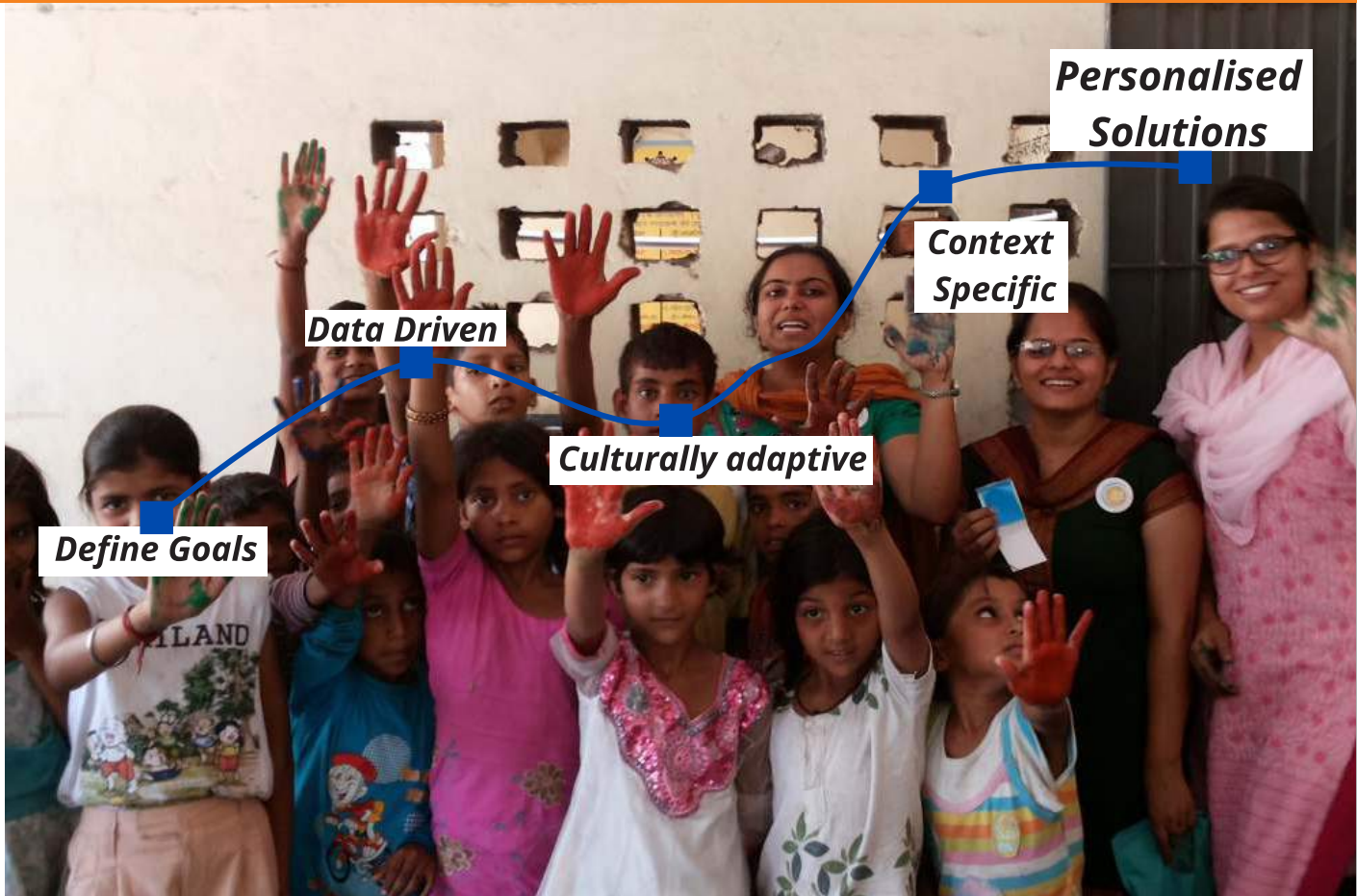
Mission/Vision

Our Mission

To translate research into practice through use of technology based solutions that can empower individuals and the environment where they live in for the well being of themselves, their families and the communities.

Our Vision

To improve population outcomes through innovative multispectral and evidence based practices using informatics applications that can empower individuals, communities and institutions for their overall well-being

Our Values

Integrity

- Giving honest feedback
- Providing honest assessments and telling people what they need
- Acting with transparency
- Trusting and being trustworthy

Education

- Creating a vibrant learning community
- Encouraging everyone to be open and share knowledge
- Connecting the dots for people until they are able to do it themselves
- Helping people understand the bigger picture

Availability, Accessibility, Affordability

- Breaking down barriers and boundaries
- Reaching out to marginalized populations
- Providing culturally competent services
- Providing affordable, cost effective, reliable and evidence driven informatics solutions

Building a sustainable community

- Helping create desire in people to learn, particularly from one another
- Helping create change and change agents in the community
- Relevant to the community and to the nonprofit organizations we serve
- Taking a long term view in developing an economically more vibrant community with equity among people of different race and ethnicity
- Helping non-profit leaders infuse energy, passion and focus into their work, their organizations and the community

Founder's Dream

Every individual has a dream. However not everyone achieves it. For some, it is easily attainable, for others it comes the hard way. Some are scared even to try living out their dream, some try but are not able to fulfill them. Some just don't believe in themselves and feel that they will never be able to give shape to their dreams.

As a child, I, too, had a dream… to do something. But there were challenges and obstructions at every step. It was difficult to express or share them. However, the biggest challenge was to make others believe in me. Some thought I was over-ambitious, a day dreamer… some even mocked. Yet somewhere in my heart, I had a strong belief to make my dreams come true. I always wondered at those who viewed dreams skeptically. In my life, I have met all sorts of people… some who had success without doing anything, some who got success after a struggle, some who were struggling in the twilight of their life and some who had given up all hope… One thing that binds them all was that they wanted to do something but the challenge was how.

A need to develop "a PLATFORM that can serve as a New Blessing for individuals to SHARE and FULFILL their DREAMS" was felt. It just seemed to be a fleeting thought, not knowing how to do it, what it should be, how it would look like and how it would sustain.

And thus, on 6 March, 2012, a small seed in the form of Foundation of Healthcare Technologies Society (FHTS) was conceptualized and sown. The aim is to use technologies as a medium to bridge a gap among the social, health, education and economic inequalities that currently exist through evidence based public health research resulting in an overall well-being of the individuals, their families and the communities they live.
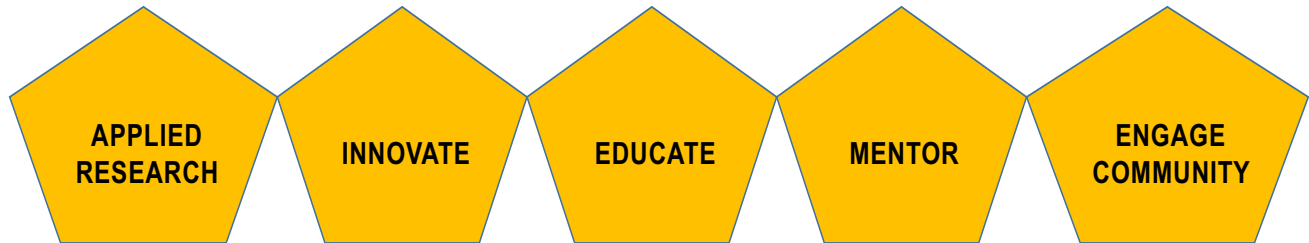
FHTS is formed on the belief that "happiness lies in not only fulfilling one's own dreams but also to help other people achieve their dreams".

I hope that FHTS becomes a New Blessing that amalgamates inspirations, motivations and dreams of every individual to help them become a better human being and live their life for a just cause.

Dr. Ashish Joshi
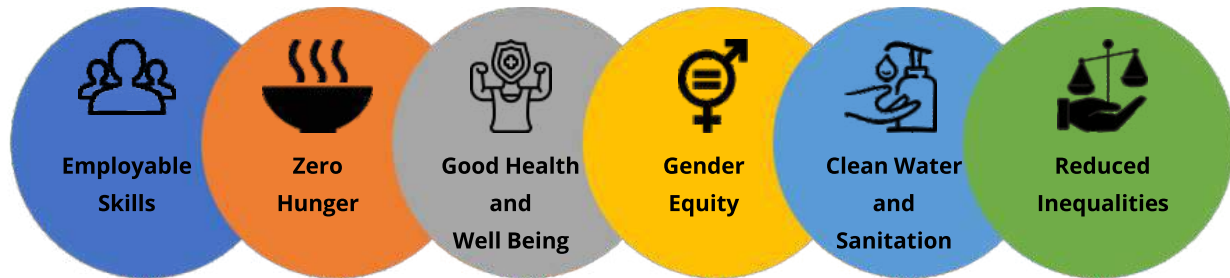**PhD, MBBS, MPH**

What We Do ?

APPLIED RESEARCH

INNOVATE

EDUCATE

MENTOR

ENGAGE COMMUNITY

Our Focus Areas

Employable Skills

Zero Hunger

Good Health and Well Being

Gender Equity

Clean Water and Sanitation

Reduced Inequalities

Research Domains

Inequities

Implementation Science

COVID-19

Sustainable Development Goals

Consumer Health Informatics

Public Health Data Science

Health Communication

Infodemic And Misinformation

Decision Support Systems

Urban Poor

Digital Health Interventions

Population Health Informatics

Social Determinants Of Health

Nutrition Informatics
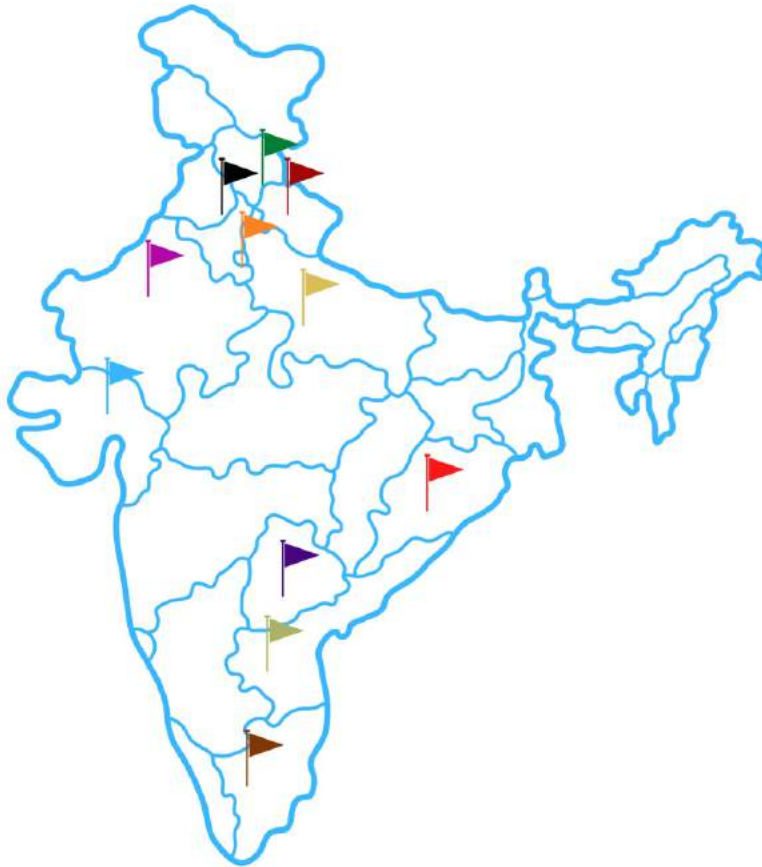
Disability Informatics

Laboratory Informatics

m-Health

Inclusivity **D**iversity **E**quity **A**ccessibility **S**ustainability

Our Research and Academic Collaborators

Himachal Pradesh
-Dr. Rajendra Prasad Government Medical College, Tanda
-Indira Gandhi Medical College & Hospital Shimla

Uttarakhand
- Garhwal Community Development and Welfare Society, Tehri Garhwal
- Dehradun Institute of Technology, Dehradun
- Government Doon Medical College, Dehradun
- AIIMS, Rishikesh

Chandigarh
-Postgraduate Institute of Medical Education and Research, Chandigarh

Delhi
-National Institute of Pathology, New Delhi
-Vardhman Mahavir Medical College & Safdarjung Hospital, New Delhi
-SRISIIM, New Delhi
-University of Delhi, New Delhi

Uttar Pradesh
-AIIMS, Gorakhpur

Rajasthan
-IIHMR University, Jaipur

Gujarat
-Parul University, Vadodara

Odisha
-S.C.B Medical College and Hospital, Cttack

Telangana
-St. Ann's College for Women, Hyderabad

Andhra Pradesh
-Apollo Institute of Medical Science & Research, Chittor

Tamil Nadu
-National Institute of Epidemiology, Chennai
-Saveetha Medical College and Hospital, Chennai
-Panimalar Medical College Hospital & Research Institute, Chennai

IDEAS CRG

IDEAS-CRG
Inclusive, Diverse, Equitable, Accessible & Sustainable
Collaborative Researchers Group

Addressing Social, Economic and Health Inequalities through Digital Health Interventions

Objective

A Cross-Institutional Collaboration to Support Leadership Educational Advancement in Public Health (LEAP)

A Cross-Institutional Collaboration to Support Leadership & Educational Advancement in Public Health (LEAP)

IDEAS CRG

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

Opportunities

- Collaborate on research projects and research publications
- Contribute towards skill-building workshops
- Opportunity to submit joint collaborative proposals
- Experiential learning opportunities for students and practitioners

IDEAS CRG- Collaborators

FOUNDATION OF HEALTHCARE TECHNOLOGIES SOCIETY

321, 322 & 323 Third floor, Somdatt Chamber2, 9 Bhikaji Cama Place, New Delhi, Delhi 110066, India

PARUL INSTITUTE OF PUBLIC HEALTH, PARUL UNIVERSITY

Vadodara Extension Office, 2nd Floor Roshani Technology Park, Opposite Karelibaug Water Tank Karelibaug, Vadodara-390018, India

ST. ANNS COLLEGE FOR WOMEN

12-2-823, A/45, St Ann's Rd, Santosh Nagar, Mehdipatnam, Hyderabad, Telangana 500028, India

DELHI UNIVERSITY

38/4, Chhatra Marg, University Enclave, Delhi, 110007, India

GOVERNMENT DOON MEDICAL COLLEGE

824+MFG, Dehrakhas, Patel Nagar, Dehradun, Uttarakhand 248001, India

PANIMALAR MEDICAL COLLEGE HOSPITAL & RESARCH INSTITUTE

Varadharajapuram, Chennai Outer Ring Rd, Poonamallee, Chennai, Tamil Nadu 600123, India

MAULANA AZAD MEDICAL COLLEGE

2-Bahadu Shah Zafar Marg Delhi, Delhi 110002, India

ALL INDIA INSTITUTE OF MEDICAL SCIENCES RISHIKESH

Virbhadra Road Shivaji Nagar, near Barrage, Sturida Colony, Rishikesh, Uttarakhand 249203 India

COLLABORATIVE IDEAS CRG RESEARCH PROJECT

1. Design, develop, and pilot test a SMAART informatics platform to enhance student well-being

2. Usefulness, Acceptance, And Effectiveness of Swasthya Pahal Program Using SMAART Informatics Framework In Rural And Urban Areas of Chennai, Tamil Nadu

3. Implementation and evaluation of SANGYAN podcast, a digital health intervention to enhance knowledge related to COVID 19 and other health conditions

4. HEAL (Healthy Eating and Active Living) : Improving health and well-being of individuals through lens of social, economic and health inequities

ONGOING ICMR FUNDED PROJECTS

Digital Health Intervention to enhance self-management of Metabolic Syndrome (MetS) among adults living in urban poor settings.
Collaborator: National Institute Of Pathology, Indian Council of Medical Research, New Delhi

A Diagnostic Decision Support Tool for early detection and management of COVID-19 infection.
Collaborator: AIIMS, Rishikesh, Uttarakhand

Design and develop social vulnerability index dashboard in an Indian setting.
Collaborator: SRISIIM, New Delhi

Evaluating impact of digital health interventions to enhance physical and mental well-being of individuals living in urban slums of New Delhi.
Collaborator: AIIMS, Gorakhpur, Uttar Pradesh

COMPLETED ICMR FUNDED PROJECTS

Mobile/Internet enabled school-based surveillance of Rheumatic Fever and Rheumatic Heart Disease (RF/RHD).

Collaborator: Indira Gandhi Medical College, Shimla, Himachal Pradesh

Design and Evaluation of a Personalized Human centred Dietary Decision Support System Randomized controlled trial to evaluate effectiveness of mobile enabled decision support tool to support healthy eating among diabetic patients living in rural and urban settings in the state of Himachal Pradesh.

Collaborator: Dr. Rajendra Prasad Medical College, Tanda, Himachal Pradesh

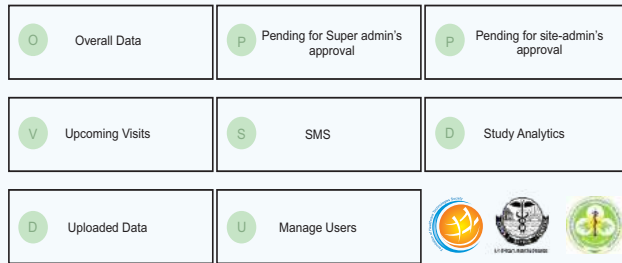Integrated Road Traffic Injury Surveillance: National Task Force.

Collaborator: National Institute of Epidemiology, Tamil Nadu, Apollo Institute of Medical Science and Research, Andhra Pradesh, Vardhman Mahavir Medical College and Safdarjung Hospital, New Delhi, Garhwal Community Development and Welfare Society, Uttarakhand, and IIHMR University, Rajasthan

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.

Collaborator: PGI Chandigarh and SCB Medical College, Cuttack ,Orissa
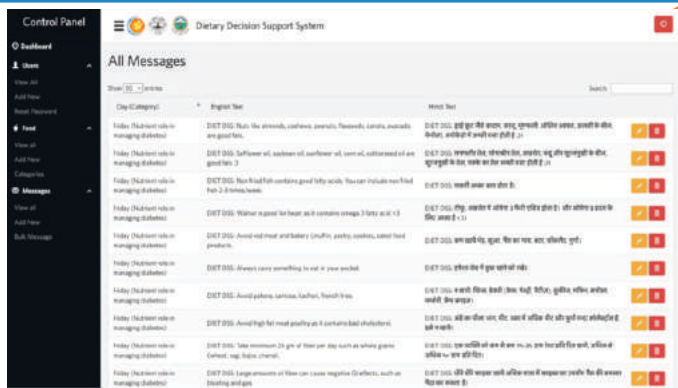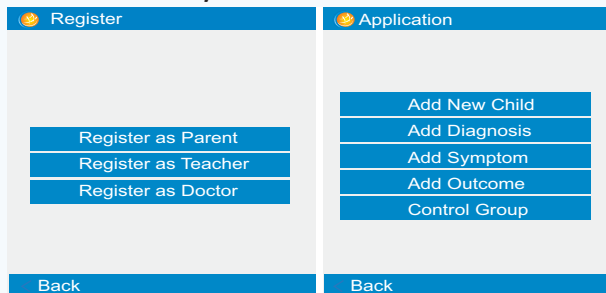
Health Technologies Developed

Oral Health Surveillance Dashboard

O	Overall Data	P	Pending for Super admin's approval	P	Pending for site-admin's approval
V	Upcoming Visits	S	SMS	D	Study Analytics
D	Uploaded Data	U	Manage Users		

Integrated Road Traffic Injuries and Surveillance System

Integrated Road Traffic Injuries Surveillance System

Accident Reported • Data Collection & Reporting • Beneficiary Engagement • Analysis & Reporting

Funded By

भारतीय आयुर्विज्ञान अनुसंधान परिषद
Indian Council of Medical Research

Project Sites
Andhra Pradesh, Delhi, Tamil Nadu, Rajasthan & Uttarakhand

School Based Surveillance For Detection of Children with Acute Pharyngitis, Rheumatic Fever/Rheumatic Heart Disease

Register

Register as Parent
Register as Teacher
Register as Doctor

Back

Application

Add New Child
Add Diagnosis
Add Symptom
Add Outcome
Control Group

Back

SMAART RAPID Tracker As A
Decision Aid Tool: Global View

TOTAL CASES
7,553,182 ↑ 1.93%
As on 13th June 2020
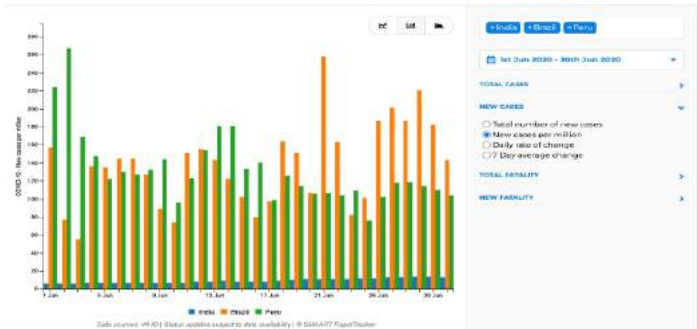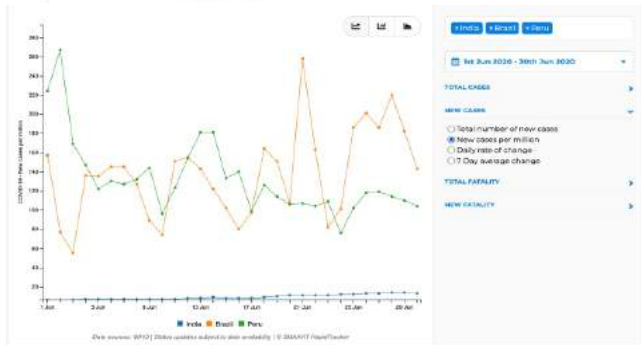
NEW CASES
142,672 ↑ 4.47%
On 13th June 2020

TOTAL FATALITY
423,349 ↑ 1.21%
As on 13th June 2020

NEW FATALITY
5,055 ↑ 2.64%
On 13th June 2020

Academic Programs

Ph.D.
Population Health informatics

Certificate
Operations Research in Population Health

Certificate
Applied Health informatics

Certificate
Health and Nutrition informatics

PhD
Population
Health
Informatics

Total students: 17

Certificate
Operational Research
in Population Health

Total students: 620+

Certificate
Applied Health
Informatics

Total students: 158

Certificate
Health and Nutrition
Informatics

Total students: 108

For more information, contact us at : admissions@fhts.ac.in

Community Outreach Initiatives

CAMP

- 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.

- The program orients and equips prospective students towards building a successful public health career and its related fields.

- 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 successful public health career.

SMAART IMPACT

- SMAART IMPACT SEED GRANT is an initiative conceptualized by Dr. Ashish Joshi to promote data driven technology enabled innovations to solve population health challenges of the 21st century.

- A grant for designing, developing, implementing and evaluating digital health innovations to solve population health challenges.

V-INSPIRE PUBLIC HEALTH

- INSPIRE, an experiential learning program launched in 2013. Fieldwork was an integral component. Due to COVID-19, INSPIRE became V-INSPIRE.

- The first batch of V-INSPIRE started with 10 students from different national and international universities.

- Students also gain employable skills such as leadership, effective communication, team-building, project management and budget planning.

For more information, contact us at : intern@fhts.ac.in

SKILLS ACQUIRED

ENROLLMENT STATISTICS N=471

("HEALTH FOR ALL" INITIATIVE)
Interactive, lifestyle, self-management platform to address the
burden of non-communicable diseases.

Swasthya Pahal means "Health for all"

- **Program aims to enhance self-management of NCDs among individuals living across diverse settings.**

- **Implemented as an interactive, multi-lingual, standalone and an internet enabled touch screen computer program.**

How Does Swasthya Pahal Work?

Impact of Swasthya Pahal Initiative

IMPACT
2013 TO 2019

128 — Swasthya Pahal Centres
4 — States Covered
5321 — Beneficiaries Screened

Geographic Settings
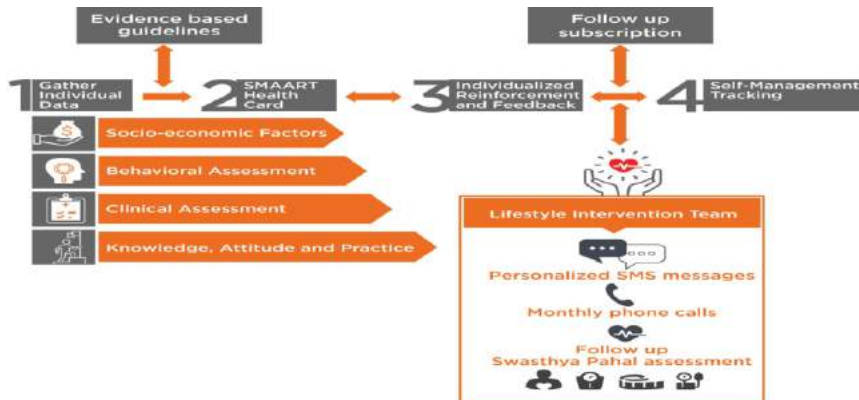- Urban Slum
- Police Stations

38 — Average Beneficiaries Screened Per Camp
INR 36 (USD 0.51) — Average Beneficiary Fee
INR 1236 (USD 17.65) — Average Expenditure Per Camp

10504
Beneficiaries

288
Camps
(As of July 2022)

आपका स्वास्थ्य अब आपके हाथों में

FHTS SWASTHYA PAHAL
TAKE YOUR HEALTH INTO YOUR OWN HANDS

JOIN THE SUBSCRIPTION PLAN TODAY

Foundation Of Healthcare Technologies Society
New Blessing Through Technology Empowered Reforms

What Problem Does It Address?

61% of deaths in India are now attributed to Non-Communicable diseases. (Heart diseases, cancer, diabetes)

India is experiencing a growing burden of NCDs claiming over **5.87 million** lives in a year.

Major metabolic risk factors are obesity and raised blood pressure, blood glucose and blood cholesterol levels.

Monitoring Framework showing targets to prevent and control NCDs in India

2020 | 2025
Reduction in insufficient physical activity

2020 | 2025
Reduction in raised blood pressure

2020 | 2025
Reduction in alcohol use

2020 | 2025
Reduction of salt/sodium intake

Swasthya Pahal Launch

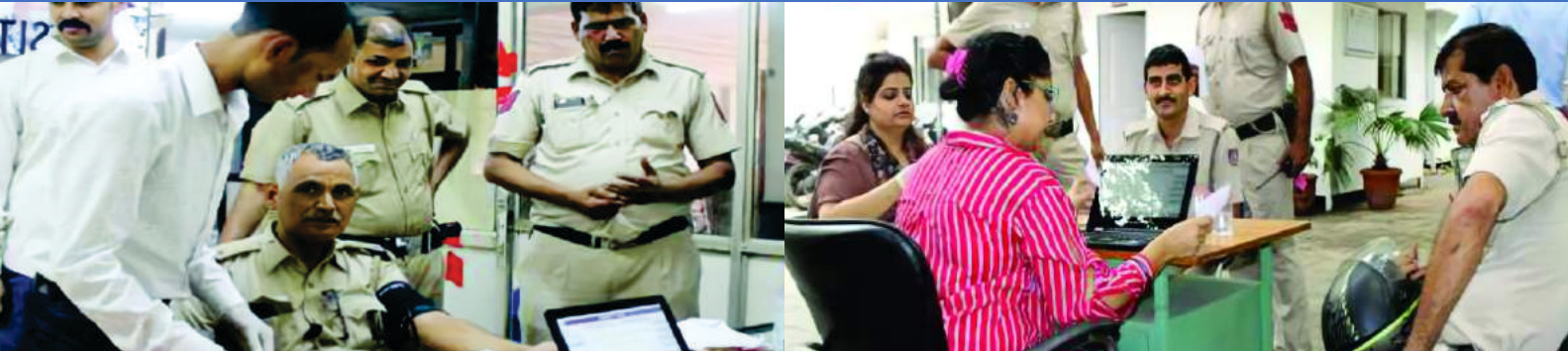## Swasthya Pahal Launch in Ujjain (2012)

Swasthya Pahal Launch in Balasore (2012)

Swasthya Pahal Launch in Chennai (2022)

Swasthya Pahal In Delhi Police Station

Swasthya Pahal in Uttarakhand

Swasthya Pahal Camp At Tata Consultancy

2018 Digital Commonwealth award for SMAART Health Kiosk for the Health for All Initiative
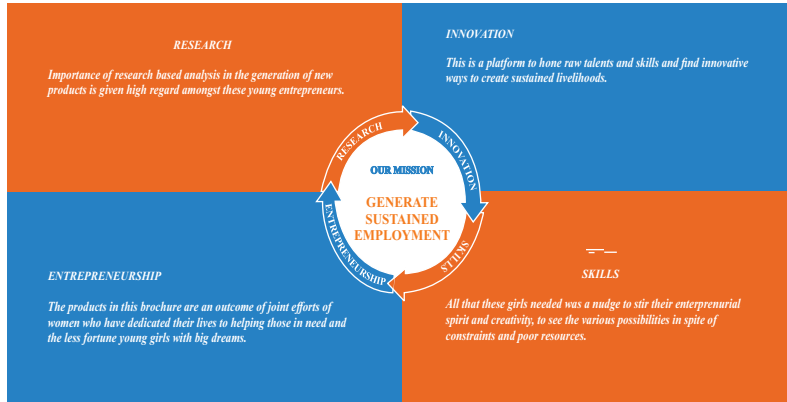
RISE Initiative

It aims to empower individuals aspiring to make the world a better place through Research, Innovation, Skills and Entrepreneurship.

RISE INITIATIVE

P.H.RISE

RESEARCH

Importance of research based analysis in the generation of new products is given high regard amongst these young entrepreneurs.

INNOVATION

This is a platform to hone raw talents and skills and find innovative ways to create sustained livelihoods.

RESEARCH

INNOVATION

OUR MISSION

GENERATE SUSTAINED EMPLOYMENT

ENTREPRENEURSHIP

SKILLS

ENTREPRENEURSHIP

The products in this brochure are an outcome of joint efforts of women who have dedicated their lives to helping those in need and the less fortune young girls with big dreams.

SKILLS

All that these girls needed was a nudge to stir their enterprenurial spirit and creativity, to see the various possibilities in spite of constraints and poor resources.

How Does RISE Work ?

- Identify change mascots
- Gather data on social determinants
- Recruit individuals with passion and skills
- Product innovation, skills enhancement, paid stipend and employable

Outcomes Assessed ?

- Hands on Skills Acquired Confidence, Communication, Team building, Working in office environment, time management, project coordination, computer skills, leadership and budget management

Mascots Identified
✧
RISE interns recruited
✧
SMAART Hub
✧
Products created
✧
Sustained employment

EMPLOY * EDUCATE *** EMPOWER**

What Problems Does RISE Address?

- Unemployability
- Limited skills
- Create new employment opportunities
- Research enabled product innovation
- Data driven skill and employment mapping
- The biggest challenge for a young girl growing up in underprivileged settings is her environment and the cultural taboos that engulf her.
- The RISE INITIATIVE recognizes this and facilitates these less fortunate young girls to build on their interests and talents to become SELF-RELIANT.
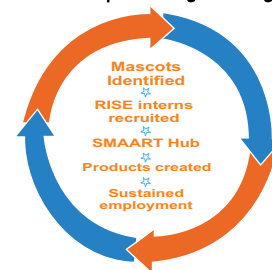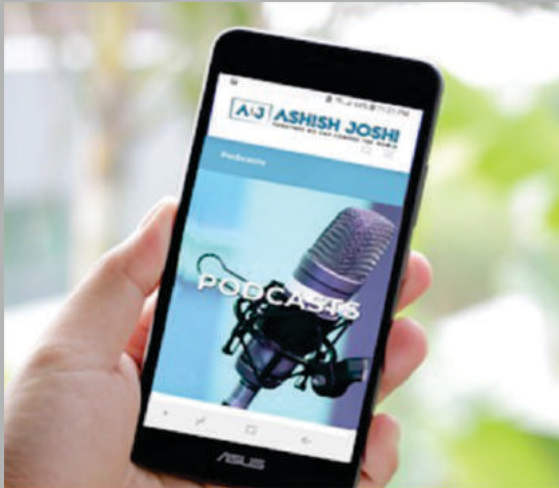
Country's First Multi-lingual Podcast Platform.

Aims to connect community to the essential health information resources that can enhance well-being of individuals families and the communities they live in.

**To share accurate, reliable and trusted health sources.**

https://sangyan.libsyn.com/

Sangyan Podcast

What is Sangyan?

Sangyan Podcast is **country's first Independent Decisive Educational Audio (IDEA)** platform that aims to connect community to the essential COVID-19 information resources that can enhance well-being of individuals families and the communities they live in.

Sangyan will facilitate creating community of learners from all walks of life to share accurate, reliable and trusted sources of COVID-19 information.

(Nutriton and COVID-19) FAQ Set 8 in Tamil : Mother and Child Breastfeeding during COVID 19
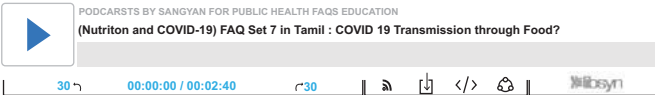
PODCARSTS BY SANGYAN FOR PUBLIC HEALTH FAQS EDUCATION
(Nutriton and COVID-19) FAQ Set 8 in Tamil : Mother and Child Breastfeeding during COVID 19

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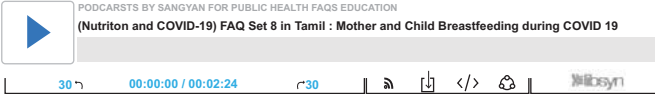
Mar 31, 2022

4 Frequently asked questions about Nutrition and COVID-19

Read More

(Nutriton and COVID-19) FAQ Set 7 in Tamil : COVID 19 Transmission through Food?

PODCARSTS BY SANGYAN FOR PUBLIC HEALTH FAQS EDUCATION
(Nutriton and COVID-19) FAQ Set 7 in Tamil : COVID 19 Transmission through Food?

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Mar 31, 2022

Categories

English - Public Health

Kannada - Public Health

Malyalam - Public Health

Tamil - Public Health

Know more

Omicorn at SMAART Rapid Tracker

SMAART Labs

SMAART Lab at Govt. Doon Medical College,
Patel Nagar, Dehradun, Uttarakhand

SMAART Lab at Panimalar Medical College Hospital & Research
Institute, Chennai, Tamil Nadu

SMAART Lab at New Delhi

Technology enabled, **community** based, **data** driven, **R**esearch, **I**nnovation, **S**kills **and** **E**ntrepreneurship platform implementing human centered **S**ustainable, **M**ultisector, **A**ccessible, **A**ffordable, **and R**eimbursable **and T**ailored (SMAART) solutions to enhance population health outcomes national and global settings.

SMAART Informatics Platform

SMAART Informatics platform is an interactive, multi-lingual, standalone, mobile and an internet enabled platform facilitating delivery of human centered interventions, innovations, programs and policies to address various sustainable development goals across diverse settings globally. There are five layers of the SMAART Informatics platform including:

1. Information layer: This data collection component facilitates collection of right data through existing resources or allow primary data collection.

2. Descriptive layer: This data quality component includes data validation, storage, data transformation, and making data available in a format that is readily analyzable.

3. Predictive layer: This data analysis component includes arithmetic and comparison operators to compute means, medians, percentage distribution and 95% Confidence Intervals. The goal is to present data at both individual and aggregate levels. Interactive visualization displays meaningful information in various formats including tables, charts, graphs and maps. This component allows the individuals to interact with the data to conduct specific analysis and visualize the information based on their needs and the users perform.

4. Prescriptive Layer: This intervention delivery component facilitates tailored feedback, and reinforcement based on user response.

5. Cognitive layer: This dissemination component allows presentation of information in a format that is easy to understand.

SMAART Informatics Platform

⑤ **LAYERS OF SMAART**		
① **INFORMATION LAYER**		DATA COLLECTION
② **DESCRIPTIVE LAYER**		DATA QUALITY
③ **PREDICTIVE LAYER**		DATA ANALYTICS
④ **PRESCRIPTIVE LAYER**		INTERVENTION DELIVERY
⑤ **COGNITIVE LAYER**		DISSEMINATION

Public health into action

Rural Visit

Slum visit

Public health through lens of a child

Cervical cancer awareness camp

Gynaecology Checkup Camp

Breast Feeding Week

Nutrition Week Celebration in School and Anganwadi Center in Delhi

Foundation of Healthcare Technologies Society

Registration Number S/877/SDM/NW/2012

Delhi Address
321, 322 & 323 Third floor
Somdatt Chamber – 2
9 Bhikaji Cama Place, New Delhi
Delhi – 110066
Phone: (011) 41621004
Email: contact@fhts.ac.in

Uttarakhand Address
Room No. 216, First Floor
Govt. Doon Medical College
Patel Nagar, Dehradun
Uttarakhand – 248001
Phone: +91- 8447292004
Email: contact@fhts.ac.in

Tamil Nadu Address
SMAART-PHIC Lab
Panimalar Medical College Hospital & Research Institute
Varadharajapuram, Poonamallee, Chennai
Tamil Nadu - 600123

FHTS certified as a Scientific & Industrial Research Organization (SIRO) by the Department of Scientific and Industrial Research (DSIR), New Delhi, Govt. of India.