

# HUMAN-CENTERED DESIGN AND DEVELOPMENT OF COMMUNITY HEALTH INTERVENTION

*Design Thinking in Action: From Understanding to Impact*

## Certificate Program



**Foundation of Healthcare Technologies Society**  
New Blessings Through Technology Empowered Reforms

Certified as a Scientific & Industrial Research Organization (SIRO) by the Department of Scientific and Industrial Research (DSIR), New Delhi, Govt. of India.  
Registration No.: S/877/SDM/NW/2012

**Delhi | Uttarakhand | Tamil Nadu | Haryana**

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# ABOUT THE PROGRAM

**Human-Centered Design and Development of Community Health Interventions (HCD-DCHI)** emphasizes on designing accessible, context-specific solutions rooted in the real needs of communities. It bridges public health theory with practice through inclusive, people-focused strategies.

HCD-DCHI program equips students with practical skills to design, implement, and evaluate scalable health interventions tailored to diverse populations. Through hands-on learning, they explore community needs assessment, behavior change models, program planning, and digital health tools. The program fosters collaboration with community leaders, health professionals, and policymakers, enabling students to champion health equity and sustainability.



|                                                     |                                                                        |                                            |                                                                  |                                                         |                                                               |
|-----------------------------------------------------|------------------------------------------------------------------------|--------------------------------------------|------------------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------------|
| Community Needs<br>Assessment &<br>Resource Mapping | Designing &<br>Implementing<br>Community-Based<br>Health Interventions | Behavior<br>Change<br>Theories &<br>Models | Economic &<br>Managerial Aspects<br>of Public Health<br>Programs | Implementation<br>Science &<br>Evaluation<br>Strategies | Human-Centered<br>Design and<br>Digital Health<br>Integration |
|-----------------------------------------------------|------------------------------------------------------------------------|--------------------------------------------|------------------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------------|

*The core objective of the program is to equip students with skills to assess community health needs and design evidence-based, human-centered solutions. Emphasizing real-world application, the program fosters effective community engagement and implementation of sustainable interventions.*

# PROGRAM OUTCOMES



**Understand implementation science for translating interventions into practice**



**Monitor and evaluate the impact of health programs across diverse settings**



**Design and implement community-based interventions using behavior change theories**



**Apply human-centered design and digital tools in community health initiatives**



**Guidance & Mentorship to publish in peer-reviewed journals**



**Opportunity to present at conferences**



**Build a strong portfolio to support diverse healthcare career pathways**

## UNIQUE FEATURES OF THE PROGRAM



### Research Seminars

Participate in monthly research seminar series.



### Community Outreach

Contribute to public health and digital interventions.

# COPHI

### Interactive Learning

Engage in fortnightly discussions on the forum.



### Career and Mentorship

Connect with experts for career guidance.

# IMPACT

### Innovation & Hackathons

Take part in hackathons and creative initiatives.



### Guidance and Mentorship for Publication

Present research at National and International conferences.



### Experiential Learning

Gain hands-on experience in real-world projects.

## LEARNING OUTCOMES



### Understand Core Concepts

Identify key concepts and terminology related to community health needs, health promotion, community engagement, health disparities, and implementation science



### Economic Influences on Health

Acquainting learners with the impact of economic aspects in shaping community health outcomes.



### Apply Behavior Change Theories

Comprehend behavior change theories so that interventions or public health programs can be tailored to address specific determinants of behavior, leading to more effective and sustainable health outcomes.



### Intervention Design & Application

Exhibit competency in translating public health theories into practice through the development of a community health intervention plan



### Evaluate Strategies

Appraise and critique the appropriateness of various community health interventions or programs to determine their strengths, weaknesses, and suitability for different populations.



### Evaluate health interventions

Evaluate the community health interventions by employing appropriate methods and disseminate the key findings to support evidence-based decision making.



### Project & Resource Management

Proficiently manage human resources while planning a project tailored to the specific needs of a community and to foster their engagement



### Develop culturally sensitive solutions

Develop a comprehensive, culturally sensitive community health intervention that addresses identified health disparities.

# PROGRAM DELIVERY AND STRUCTURE

## Mode of Delivery

This is a comprehensive program that integrates training sessions and experiential learning. All classes, sessions, and activities are conducted through virtual interactions, ensuring accessibility and flexibility for participants. The program leverages digital tools for lectures, case studies, discussions, and assignments, creating an engaging and interactive learning experience. Under the experiential learning, participants have the opportunity to engage in voluntary fieldwork as part of digital intervention-based community initiatives offered by FHTS. This component allows for real-world application of concepts and enhancing practical skills which can be performed in both virtual/in-person.

## Multifaceted Learning

- ◆ **Lectures & Case Studies:** Expert-led sessions with real-world examples.
- ◆ **Reading & Discussions:** Curated resources with interactive discussions
- ◆ **Assignments & Exercises:** Practical tasks to reinforce learning
- ◆ **Community Outreach:** Apply knowledge in real-world health interventions

## Duration

4 Months



**2 Months of**  
Virtual Structured Training



**2 Months of**  
Experiential Learning

## Module Structure

The program covers **8 comprehensive modules** focusing on key areas of community health intervention, equipping participants with both theoretical knowledge and practical skills.

# WHO SHOULD ENROLL?



## Public Health & Healthcare Professionals

Students, graduates, and practitioners applying theory and designing evidence-based interventions



## Community Advocates & Social Workers

Enhancing grassroots impact through digital and people-centered approaches



## Researchers, Academicians & Development Professionals

Focused on implementation science, health equity, or policy work



## Career Changers & Aspiring Leaders

Exploring new roles in public health, digital health, or advocacy



## APPLY NOW

### CERTIFICATE PROGRAM ADMISSIONS

Batch Intake: Every year in March, July, September

*\*Application deadlines for each batch may vary  
Check program details for additional information*

**For admission enquiries:** [academic@fhts.ac.in](mailto:academic@fhts.ac.in)





**The Foundation of Healthcare Technologies Society (FHTS), established in 2012, is a nationally recognized non-profit organization advancing public health, digital health innovation, and research through community initiatives, and tech-driven health interventions, shaping the future of public health through education, evidence-based solutions, and collaborations.**

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