

HEALTH & NUTRITION INFORMATICS

From Insights to Impact — Advancing Nutrition for All

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

Nutrition Informatics (NI) focuses on the effective retrieval, organization, storage, and optimal use of data, information, and knowledge for nutrition-related problem-solving and decision-making. It supports dietetics professionals in tailoring personalized recommendations and delivering effective care.

Health and Nutrition Informatics (HNI) program combines nutrition science, information technology, and data management to address public nutrition challenges and improve health outcomes. The program equips students to transform data into actionable insights. It covers nutrition database development, informatics-enabled menu planning, and the use of digital tools for personalized dietary interventions. Through hands-on learning, students gain the skills to design, implement, and evaluate data-driven nutrition solutions for diverse population



Basics of Nutrition Informatics	Designing & Evaluating Nutrition Interventions	Behavior Change & Public Health Technologies	Nutrition Databases, Programs & Policies	Informatics-Enabled Menu Planning & Digital Tools	Data Analytics, Statistical Methods & Scientific Writing
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The core objective of the program is to develop expertise in managing and securing health data, ensuring its quality, accuracy, and accessibility to facilitate effective decision-making and patient care. It also focuses on designing culturally relevant, patient-centered nutrition solutions to improve population health and evaluating their impact across diverse healthcare settings.

PROGRAM OUTCOMES



Understand Nutrition Informatics and its real-world applications



Informatics-enabled menu planning and nutritional apps



Support informed and sustainable nutrition choices



Build a strong portfolio to support diverse healthcare career pathways



Guidance & Mentorship to publish in peer-reviewed journals



Opportunity to present at conferences

UNIQUE FEATURES OF THE PROGRAM



Research Seminars

Participate in monthly research seminar series



Community Outreach

Contribute to public health and digital interventions



Interactive Learning

Engage in fortnightly discussions on the forum



Career and Mentorship

Connect with experts for career guidance



Innovation & Hackathons

Take part in hackathons and creative initiatives



Guidance & Mentorship for Publication

Present research at National and International conferences



Experiential Learning

Gain hands-on experience in real-world projects

LEARNING OUTCOMES



Fundamentals of Nutrition Informatics

Define the fundamental concepts of nutrition informatics, consumer health informatics, nutrition care process, and clinical decision support system.



Nutrition Informatics for Modern Challenges

Demonstrate the competency of applying behavioral science and theories in designing nutrition-based interventions to modify risk-related behavior within the community.



Understand Nutrition Informatics Resources

Describe the data, information, knowledge, and wisdom (DIKW) model and understand its significance in health informatics.



Evaluating Digital Tools

Appraise the nutrition-based apps and nutrition-related information available on the internet websites to ensure accessibility, accuracy and relevance for public health and education.



Designing Informatics Interventions

Design and develop nutrition informatics interventions, utilizing technology and data management strategies to improve nutritional care and promote health.

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

6 Months



4 Months
of **mandatory** virtual
Structured Training



2 Months
of **optional**
Experiential Learning

Module Structure

The program comprises **16 comprehensive modules** integrating nutrition, informatics, and research to build practical and analytical skills.

WHO SHOULD ENROLL?



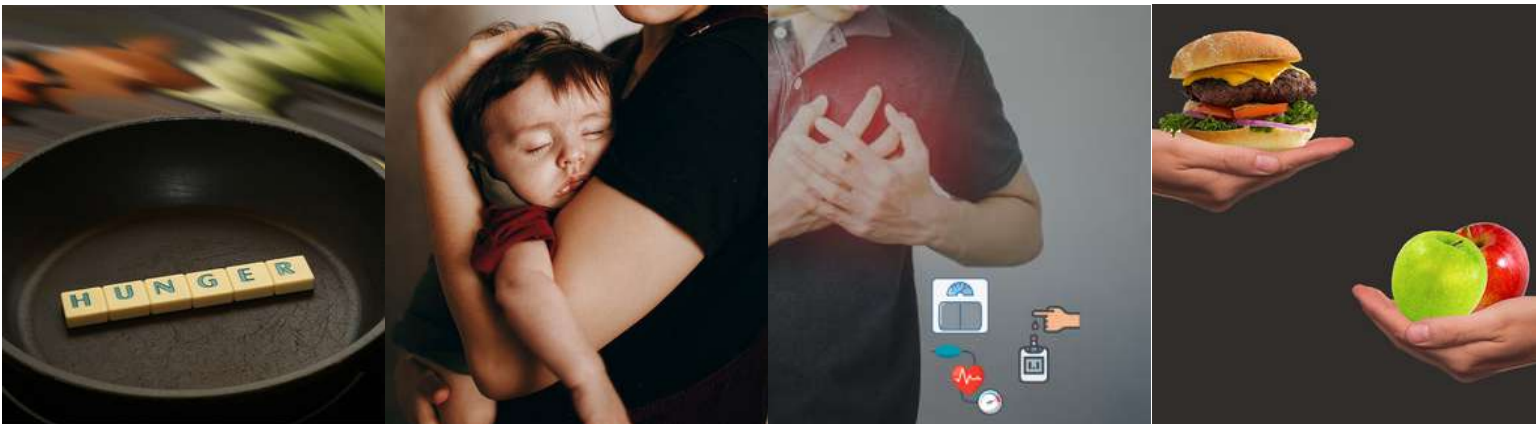
**Any Undergraduate,
Graduate, Post-graduate,
PhD, Working Professional**



**Development or Health
Professionals working in
health research**



**Newly joined faculties in a
Public Health Discipline**



APPLY NOW

CERTIFICATE PROGRAM ADMISSIONS

Batch Intake: Every year in May and November

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

For admission enquiries: 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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