

FACULTY DEVELOPMENT PROGRAM

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

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CENTRE FOR EXCELLENCE IN RESEARCH, TEACHING, LEADERSHIP AND INNOVATION

The **Centre for Excellence in Research, Teaching, Leadership and Innovation (CeRTL)** is a dedicated centre committed to advancing excellence in research, teaching, leadership, and innovation. The Centre fosters a culture of reflective and student-centric education by supporting faculty in adopting evidence-based pedagogical practices and emerging technologies. Through ongoing professional development and innovation, CeRTL empowers educators to enhance academic performance and enrich the learning experience.



FACULTY DEVELOPMENT PROGRAM

Empowering Educators for Transformative Academic Leadership

CeRTL's Faculty Development Program (FDP) is a transformative initiative designed to strengthen teaching competencies, promote leadership, and support scholarly growth among educators.

With a focus on student engagement and learning outcomes, the FDP equips faculty with advanced teaching strategies, translational research skills, and leadership tools to meet the evolving demands of academia. Aligned with the ASSET framework- **Advancing, Strengthening, Supporting and Empowering Teaching (ASSET)**- the program enables learners to thrive in dynamic educational and research environments.

The core objective of the program is to foster expertise in teaching, research, leadership, and innovation- enabling learners to excel in academics while adapting to the evolving educational environment and drive advancements in institutional and community development.



PROGRAM HIGHLIGHTS

Advancing and strengthening teaching effectiveness through diverse and innovative pedagogical approaches

To advance faculty competence in conducting translational research and driving evidence-based, actionable strategies to address the community's needs.

Cultivation of mentoring and transformative leadership skills to lead with resilience in a dynamic academic landscape.

To explore the potential of artificial intelligence (AI) while providing comprehensive support to faculty for its integration and application.



Understand traditional and AI-enabled teaching methods for effective, engaging learning and assessment practices.



Build strong leadership skills to effectively address academic challenges and institutional opportunities.



Learn to apply translational research for impactful, real-world solutions in community health settings.



Develop essential grant writing skills to confidently secure research funding for innovative projects.



Guidance and mentorship to publish high-quality work in reputed, peer-reviewed scientific journals.



Strengthen your academic portfolio to explore diverse, rewarding career paths in healthcare and beyond.

**PROGRAM
OUTCOMES**

PROGRAM DELIVERY AND STRUCTURE

Mode of Delivery

The program is delivered virtually which spans 6 months. It includes 4 months of virtual training and 2 months of experiential learning.

Online training is followed by a two-month experiential learning phase, which provides an opportunity (virtual/in-person) for faculty to apply their learning in real-world settings.

Participants can also engage in community outreach activities offered by FHTS, enriching their experience through meaningful academic and social involvement. This blended approach provides a balanced integration of theory and practice, strengthening both academic and leadership capabilities.

Multifaceted Learning

◆ **Lectures & Case Studies:** Weekly delivery through expert-led sessions

◆ **Discussions Forums:** Discussion forums to maintain participant engagement and knowledge retention

◆ **Assignments & Exercises:** Regular assessments to reinforce learning

◆ **Practical Skill Building:** Problem-based learning to build real-world skills, critical thinking, and application of concepts.

Module Structure

FDP combines foundational learning with flexibility through elective choices. The program includes one mandatory core module (Teaching), followed by a minimum of two elective modules which can be chosen from three available domains as follows:

- Research
- Leadership and Mentorship
- Education 5.0: Innovations for Educators

The entire program includes 4 domains with 4 modules each which is delivered weekly in the form of weekly lectures, case studies, hands-on exercises, and reading material.

Duration 6 Months



4 Months of Virtual
Structured Training



2 Months of
Experiential Learning

PROGRAM DOMAINS

This program blends foundational principles with emerging trends, offering an interactive, multidisciplinary experience through lectures, readings, and discussions.

TEACHING

This component introduces adult learning theories essential for designing effective educational programs. Learners will explore diverse teaching strategies, pedagogies, and assessment methods that inform educational decision-making. The program also emphasizes the use of emerging technologies to foster interactive, student-centered learning beyond traditional boundaries.

**Understanding Adult
Learning Models &
Principles**

**Exploring Diverse
Teaching Strategies &
Pedagogies**

**Designing Effective
Assessment &
Evaluation Methods**

**Leveraging Emerging
Technologies for
Teaching Excellence**

RESEARCH

Build foundational skills in translational research, grant writing, and ethical research practices. Learn to translate evidence into impact through implementation science.

**Translating Research into
Real-World Impact**

**Writing Competitive and
Impactful Grants**

**Organizing References with
Practical Tools**

**Upholding Ethics in Research
Practice**

LEADERSHIP AND MENTORSHIP

Explore academic leadership, mentorship, communication, and resilience to drive personal, professional, and institutional growth.

**Core Principles of
Academic Leadership**

**Exploring Mentorship:
Types and Growth**

**Communication Skills for
Leaders and Mentors**

**Strengthening Faculty
Resilience and Well-Being**

EDUCATION 5.0: INNOVATIONS FOR EDUCATOR (EIE)

Explore how Education 5.0 harnesses AI and digital innovations to transform teaching, leadership, and ethical research in academia.

**AI & Generative AI
Essentials**

**AI-Integrated Pedagogical
Innovations**

**AI in Educational
Leadership**

**Ethics in AI-Driven
Research & Publication**

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



Publication Opportunities

Present research at national and international conferences



Experiential Learning

Gain hands-on experience in real-world projects

LEARNING OUTCOMES

Understand key concepts in andragogy, critical thinking, and metacognition, including pedagogies and assessment methods.

Learn models and principles of adult learning such as active and experiential learning, and Bloom's taxonomy.

Explore translational research and its impact on public health and clinical medicine.

Gain knowledge of leadership styles for strategic, administrative, and transformative academic roles.

Study implementation science to adapt evidence-based interventions for population health improvement.

Develop mentoring skills to support students' personal and academic growth.

Apply AI technologies to enhance teaching, engagement, and assessments.

Create effective research grant proposals highlighting project value and impact.

Foster ethical and responsible use of AI in teaching, research, and publications.

Use reference management tools to organize citations and uphold scientific integrity.

IS THIS PROGRAM RIGHT FOR YOU?



Open to early to mid-career faculty members



ACADEMIC QUALIFICATIONS

Bachelor of Education (B.Ed.), Master of Education (M.Ed.), Master of Science (M.Sc.), and Doctor of Philosophy (Ph.D.) in health, education, informatics, nutrition, health care management, social sciences or any related field.



APPLICANT REQUIREMENT

Must be currently serving as full-time, contractual, or visiting faculty at a university, college, or institute (government or private)



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



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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