

Sri
MANAKULA



Ministry of Education's
INNOVATION CELL
(GOVERNMENT OF INDIA)

Medical College and Hospital

Accredited by NAAC with A+ Grade, Accredited by NABH and NABL

KALITHEERTHALKUPPAM, PUDUCHERRY - 605 107.

Institution's Innovation Council

Title: Workshop on Prototype/Process Design and Development for Innovation Ambassadors

Date: 7th April 2025

Coordinator: Dr.P.Sanjay, Dean Research, IIC-Convener

Student Coordinator:Deepak.V

Time: 9:00 AM to 4.00 PM

Objectives:

To build innovation and design thinking capacity among faculty and postgraduate students.

To provide hands-on experience in prototype and process design relevant to healthcare and biomedical applications

To promote interdisciplinary thinking and problem-solving for real-world medical challenges

To guide participants in evaluating the technical feasibility of their healthcare innovations

Guest Speaker:

Mr. Haston Amit Kumar

Vice President, JEC Innovation Club, Innovation Ambassador and Placement officer, Assistant Professor, Jeppiaar Institutions

Participant Details: 50

The workshop was attended by faculty members and postgraduate students from various departments.

Programme Overview:

9:00 AM – 11:00 AM: Technical Talk: The session began with an insightful talk on:

- Finding the right product-market fit in the healthcare domain
- creating meaningful value for patients and healthcare providers
- Approaches to attract investors for medical innovations
- Strategies to refine healthcare product/process designs for practical implementation

11:30 AM – 1:00 PM: Design Thinking for Medical Problem Solving:

An interactive session introducing design thinking for healthcare problems. Participants empathized with users, defined problems, ideated, and conceptualized solutions.

2:00 PM – 3:00 PM: Hands-on Session:

Participants engaged in designing prototypes or process models aimed at improving healthcare delivery, patient safety, or clinical workflows.

3:00 PM – 4:00 PM: Demo Evaluation of Technical Feasibility:

Groups presented their healthcare innovations. The resource person provided feedback based on innovation quality, technical feasibility, relevance to patient care, and scalability.

Outcomes:

Enhanced awareness of the innovation process within medical and clinical contexts.

Participants gained practical skills in design thinking and prototype development.

Fostered a collaborative environment for cross-departmental healthcare innovation.

Encouraged participants to pursue real-time clinical improvements and translational research.

Conclusion:

The workshop concluded with encouraging feedback from the participants. It successfully ignited curiosity and motivation towards healthcare innovation and design thinking among medical professionals. The IIC aims to build on this momentum by organizing follow-up sessions focused on prototype validation, regulatory aspects in medical device development, and collaboration with industry partners. Such initiatives are expected to nurture a vibrant culture of innovation within the institution.

