

Faculty Development Programme Report:

Topic: "Research: The Essential Key to an Evolved Future"

24-28 July, 2023

Department of Cardiovascular Technology

SHS Sushant University

Introduction: The Department of Cardiovascular Technology at SHS Sushant University organized a comprehensive five-day Faculty Development Programme (FDP) focused on the theme "Research: The Essential Key to an Evolved Future." The aim of this programme was to equip faculty members with the latest knowledge and skills necessary to keep pace with advancements in the field and contribute to the evolution of research.

Chief Patron



Prof. (Dr.) Rakesh Ranjan
Hon'ble Vice Chancellor
Sushant University

Patron



Dr. Sanjeev Kumar Sharma
Pro Vice Chancellor & Registrar
Sushant University

Convenor



Dr. Elina Dewanji Sen
HOD
School of Health Sciences
Sushant University

Co-convenor



Prof. (Dr.) Jyoti Sinha
Associate Dean
School of Health Sciences,
Sushant University

Objectives: The Faculty Development Programme was designed with the following key objectives in mind:

- a. Update faculty members on the recent developments in medical practices.
- b. Enhance teaching methodologies and pedagogical approaches for improved student engagement and learning outcomes.
- c. Foster research and innovation through interactive sessions and workshops.
- d. Encourage interdisciplinary collaborations among faculty members to address complex challenges in healthcare.
- e. Promote a deeper understanding of the role of research in shaping the future of cardiovascular care.

The five-day FDP featured a diverse range of activities and sessions that addressed the objectives effectively

Expert Lectures:

Renowned experts and practitioners in the field of all health sciences delivered insightful lectures on emerging trends, recent research, and technological advancements. They shared their experiences and best practices to inspire the faculty.



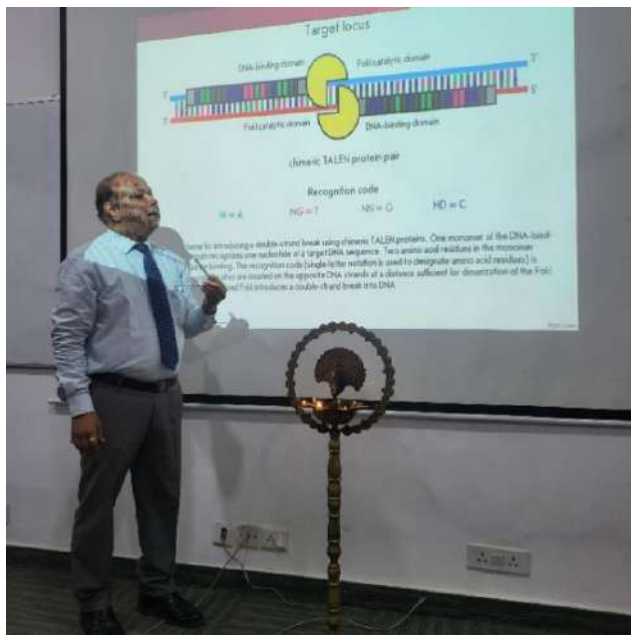
1. Lamp lighting ceremony

2. Inaugural speech by VC sir

Lecture series:

Lecture series were conducted to provide faculty members with direct experience and exposure to research practices from basic to advance. These lectures encouraged an interactive learning environment.

Day 1- 1. Design a baby through gene cloning-opportunities & ethical concerns



2. Types of research



3. Tools and techniques of research



Day-2

1. Epidemiological study design



2. Conceptual framework in Research



3. Ethics of Research



4. Research and publication ethics



Day-3

1. Journal indexing and other metrics



2. Writing and publication of empirical papers in indexed journals; plagiarism and citation



3. Sampling methods



Day-4

1. Significance of repeatability and reproducibility in scientific research



2. Approaches to statistical testing and analysis



Day-5

1. Academic Research writing



2. Data collection and sampling

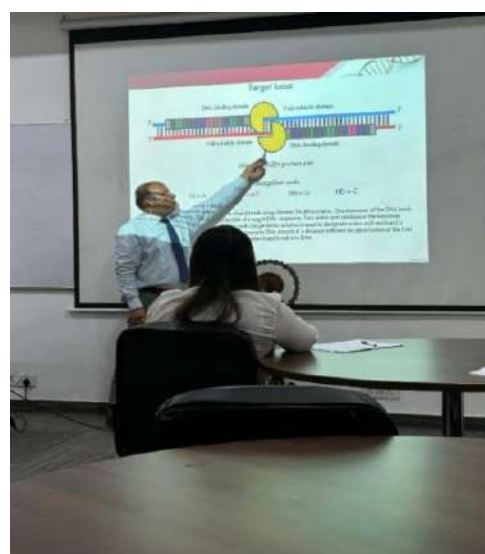


Panel Discussions & Research Paper Presentations:

Engaging panel discussions were held to encourage thought-provoking debates on the ethical, social, and economic aspects of evolving research. Faculty members actively participated and shared their perspectives.

Faculty members were given the opportunity to present their research papers related to all health sciences as well from different schools. This segment provided a platform for constructive feedback and fruitful discussions.

Representatives from different schools were invited to share their insights into the current research landscape and collaborate with the faculty for potential research partnerships.





Motivational and informative briefing by (above)

1. Associate dean- Prof. Dr Jyoti Sinha

2. HOD- Dr. Elina Dewanji Sen



Conclusion:

The five-day Faculty Development Programme on “Research: The Essential Key to an Evolved Future” organized by the Department of Cardiovascular Technology at SHS Sushant University was a resounding success. It empowered faculty members with the knowledge and tools necessary to contribute to the advancement of healthcare with power of research. The event played a crucial role in fostering an environment of continuous learning and innovation within the department as well as whole school of health sciences.

Research outcome (daywise):

- 1- Basic conceptual knowledge development and understanding
- 2- Understanding of framework importance and role of ethics in Research
- 3- Indexing of journals along with plagiarism check importance and sampling methods were discussed leading to a better outline of Research development
- 4- different statistical tools were discussed and their importance in various aspects were also discussed
- 5- Points for academic research writing were discussed along with sampling method techniques resulting in overall consideration of factual points in association with research writing.

The Department of Cardiovascular Technology expresses its heartfelt gratitude to all the participants, guest speakers, representatives, and the university management for their wholehearted support in making this FDP a grand success. The department is committed to organizing more such programmes in the future to nurture a skilled and knowledgeable faculty community.

Acknowledgments:

The Department of Cardiovascular Technology would like to extend its thanks to the university administration, faculty members, and all participants for their active involvement and valuable contributions to the Faculty Development Programme.

Organizing committee

Ms. Kanika Bhardwaj

Ms. Shalu Chaudhary