Gandhinagar University

A Report on

Guest lecture

by

Dr. Dhaivat Vaishnav
(MS, DNB – Surgical Gastroenterology),
Zydus Hospitals

1. Event Overview

An expert lecture was organized at **Gandhinagar Institute of Science, Gandhinagar University** on **3rd September 2025** in Seminar Hall A-105. The session was delivered by **Dr. Dhaivat Vaishnav (MS, DNB – Surgical Gastroenterology), Zydus Hospitals** on the topic **"Next Generation Health Care: AI and Robotics in Gut Health."**

2. Objective

The objective of this session was to provide students and faculty with insights into the emerging role of Artificial Intelligence (AI) and robotics in the diagnosis, treatment, and management of gastrointestinal health. The lecture aimed to bridge the gap between traditional healthcare practices and cutting-edge technological advancements.

3. Program Overview

Dr. Dhaivat Vaishnav, a distinguished surgical gastroenterologist, shared his expertise on how AI-driven tools and robotic technologies are transforming healthcare delivery. He explained how robotics enhances precision in complex surgeries and how AI assists in early detection, personalized treatment, and improved patient outcomes in gut health.

The lecture included practical insights from clinical practice, highlighting real-world applications of technology in gastroenterology. Dr. Vaishnav emphasized the importance of interdisciplinary knowledge, encouraging students to explore the convergence of medical science, engineering, and data analytics for the future of healthcare.

The session was interactive, with students asking thought-provoking questions about career opportunities, ethical considerations, and future prospects of AI in medicine.

Program Outcomes

- Understanding of AI and robotics applications in healthcare, particularly gastroenterology.

- Exposure to advancements improving precision, efficiency, and patient safety.

- Motivation to explore interdisciplinary fields combining life sciences with technology.

- Insight into future opportunities and challenges in next-generation healthcare.

Photos of the Day

Report prepared by: -   **Principal**
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