International Conference on

FRONTIERS OF ENGINEERING IN HEALTHCARE

December 10-12, 2025

IIT Gandhinagar and
Gujarat Technological University Ahmedabad

About IIT Gandhinagar

Indian Institute of Technology Gandhinagar (IITGN) is a premier institute of national importance, established by the Government of India in 2008. Located in Palaj, Gandhinagar, Gujarat on the banks of the Sabarmati River, IITGN is known for its interdisciplinary approach, innovative pedagogy, and emphasis on research and entrepreneurship. The Institute fosters a vibrant academic ecosystem with world-class infrastructure, active international collaborations, and a focus on societal impact. IITGN's emphasis on design thinking, sustainability, and human-centered innovation makes it a leader in tackling global challenges across science and engineering disciplines.

About Gujarat Technological University (GTU), Ahmedabad

Gujarat Technological University (GTU) is a renowned state university, established in 2007, with a strong commitment to academic excellence, innovation, and technology-driven development. Headquartered in Ahmedabad, GTU nurtures a multidisciplinary educational environment through its five key academic entities:**1School of Engineering & Technology 2 School of Pharmacy 3 School of Management 4. School of Applied Science and Technology and 5. Institute of Technology and Research (ITR)** - (Mehsana Campus) focused on high-end research and advanced technological education. With over 400 affiliated colleges and a broad spectrum of undergraduate, postgraduate, and doctoral programs, GTU has established itself as a hub of academic innovation, research, and industrial collaboration.

About the Conference

The *International Conference on Frontiers of Engineering for Healthcare (FEH-2025)* brings together researchers, engineers, clinicians, technologists, industry leaders, and policymakers to explore the latest developments at the intersection of engineering and healthcare. The conference aims to highlight emerging technologies, innovative healthcare solutions, and translational research that addresses critical healthcare challenges through engineering approaches. Given the changing scenarios of funding we are also inviting representatives from funding bodies like EMBO, IBRO, SFN, DST, DBT, etc for the mentoring sessions.

Key themes include:

- Engineering in Healthcare
- Biomedical Devices
- AI and ML in Healthcare
- Nanotechnology in Healthcare
- Active Matter and Healthcare
- Diagnostics and Therapeutics
- New Technologies to Probe Biological Systems
- Robotics Including Rehab and Devices
- Startups and Innovation
- Neuroscience and Therapeutics
- Sustainable Solutions for Agriculture

The conference will feature keynote addresses by global experts, panel discussions, technical sessions, poster presentations, and networking opportunities with academia and industry.

Who Should Attend?

This conference is designed for a diverse audience across academia, research, and industry, including:

- Researchers, scientists, and academicians in engineering, healthcare, and life sciences
- Medical and biomedical professionals interested in technological innovations
- Graduate, Post Graduate, PhD and Postdocs in engineering, pharmacy, applied sciences, and allied fields
- Startups and entrepreneurs working in health-tech and medical devices
- Industry professionals, R&D experts, and healthcare technology developers
- Policy makers and government officials involved in public health and innovation

Whether you're engaged in foundational research, applied innovation, or implementation of engineering-based healthcare solutions, FEH-2025 offers a unique platform for knowledge exchange, collaboration, and shaping the future of healthcare technologies.

Registration Link

Submit your abstract online on the below mentioned conference registration link

https://docs.google.com/forms/d/e/1FAIpQLSfeY 1gyAEbUT1yY3EGlqODEhw-_zCXW1d3IjjZHrnkZl_ U5WQ/viewform

Length : Not more than 300 words **Text :** The text should contain objectives, methodology, brief results and conclusion in a scientific way

If you face any issues or problems with the form, kindly drop a mail to - **frontiers.iitgn.gtu@gmail. com**

Registration Fee

For students and postdocs:
Category A: 4000 INR (including GST and hostel accommodation on campus and meals + registration kit + certificate)
Category B: 2000 INR (including GST and without accommodation but day meals + registration kit + certificate)

For Faculties and invited speakers:
Category A: 12,000 INR (including GST and 3 days stay at IITGN guest house, airport pickup and drop, meals and registration kit)

Category B: 4,000 INR (including GST but without accommodation, includes meals and registration kit)

Important Dates

Last date for Abstract submission: **31/08/2025**
Last date for registration: **31/08/2025**

Notification of acceptance: **10/09/2025**
Conference: **10/12/2025** to **12/12/2025**

Publication

A Dedicated special issue will be published in ACS / RSC / Elsevier / Wiley Journals

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Indian Institute of Technology Gandhinagar
Palaj, Gandhinagar 382 055, India | www.iitgn.ac.in

Gujarat Technological University
Chandkheda, Ahmedabad 382424, India | www.gtu.ac.in