



BIANNUAL NEWSLETTER

इरावतह्युव

Volume: 03 | Issue: 02 | June 2025



Gangwal School of Medical Sciences and Technology, IIT Kanpur



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ABOUT THE MEDICAL SCHOOL



Top News

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Prof Michael J Gardner,
Stanford Medical, USA

GSMST joins Global
Consortium on Innovation in
Medicine, with University of
Illinois Urbana-Champaign

Gangwal School of Medical Sciences and Technology (GSMST) at IIT Kanpur is dedicated to advancing medical education, research, and innovation. Established with a vision to bridge the gap between engineering and medicine, GSMST integrates cutting-edge technology with medical sciences to address contemporary healthcare challenges.

GSMST aims to provide a robust platform for interdisciplinary research and collaborative projects. The Medical School is committed to nurturing future leaders in medical technology and healthcare, fostering an environment that encourages innovative solutions and transformative breakthroughs. Through partnerships with leading global institutions and focus on translational research, GSMST aims to create a significant impact on healthcare delivery and improve the quality of life for communities both locally and globally.



Current view of the
construction site

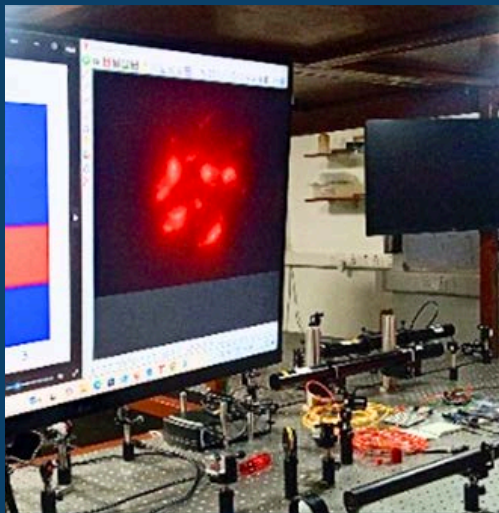
Research



Preparations for the Left Ventricle Assist Device (LVAD)–“Hridyantra”–are in progress for the animal trial.



Fabrication of the escalator–climbing wheelchair is carried out in–house at IIT Kanpur.



A laboratory was set up for developing optical fibre–based imaging.

The Gangwal School of Medical Sciences and Technology (GSMST) continues to drive impactful innovations at the intersection of engineering, medicine, and technology. These multidisciplinary projects reflect GSMST’s mission to develop indigenous, high-impact healthcare technologies for India and beyond.

MoU with NSite Medical, Stanford University Prof Michael J Gardner, MD, Stanford Medicine, USA

Nsite Medical signed an MoU with GSMST, IIT Kanpur to collaborate on cutting-edge software development initiatives in April, 2025. NSite Medical is an innovative healthcare organization specializing in the management and treatment of scoliosis. With a focus on delivering comprehensive care, they cater to both pediatric and adult patients affected by this spinal condition.



This partnership marks a significant step forward in leveraging technology to revolutionize healthcare. As part of the MoU between Nsite Medical and GSMST, the collaboration will focus on two key components: the development of computer vision algorithms for anatomical 3D modeling specifically targeted at scoliosis, and the provision of specialized services including video capturing, image processing, 3D reconstruction, and reference plane setup. This partnership aims to advance medical imaging technologies and contribute to more accurate, non-invasive diagnostic solutions.

CSR Support from Pehel Foundation for Yadupati Singhanian Hospital, IIT Kanpur

In April 2025, Pehel Foundation, the CSR arm of PNB Housing Finance, made a CSR donation towards strengthening healthcare infrastructure at Yadupati Singhanian Hospital, IIT Kanpur. Through this CSR initiative, Pehel Foundation has contributed towards the procurement of operation theatre infrastructure and essential medical equipment, significantly enhancing the hospital's ability to serve patients effectively.



January 29 - February 03, 2025

Avant Research on Novel Technologies in Healthcare ARONAV

Gangwal School of Medical Sciences and Technology, in cooperation with Armed Forces Medical Services, organized a 6-day capsule course for Medical cadets of AFMC Pune ARONAV (Avant Research on Novel Technologies in Healthcare).

Women's Collective Forum

GSMST, IIT Kanpur, in collaboration with the Women's Collective Forum Initiative, hosted a workshop on "Promotion of Equitable Access to Affordable Healthcare in Uttar Pradesh." The event brought together policymakers, healthcare professionals, private sector leaders, and researchers to discuss key challenges and strategies for improving healthcare accessibility and affordability.



January, 2025



May, 2025

Inauguration of Campus Diagnostic Center

A new diagnostic facility has been inaugurated at the Indian Institute of Technology Kanpur (IIT Kanpur) in collaboration with ICICI Bank. Established with generous support from the ICICI Bank, the Campus Diagnostic Center is equipped with advanced molecular, microbiology, pathology, and biochemical laboratories.



June, 2025

Meeting with Honorable Chief Minister of Uttar Pradesh

Prof. Manindra Agrawal, director of IIT Kanpur, and visionary entrepreneur Mr. Rakesh Gangwal, co-founder of IndiGo Airlines, called on the Honorable Chief Minister of Uttar Pradesh yesterday in UP Sadan, Delhi.

Prof. Agrawal and Shri Gangwal briefed the CM on the upcoming Gangwal School of Medical School and Technology at IIT Kanpur, which will focus on bringing medical and engineering experts together to lead innovations in medical devices, diagnostics, and therapeutics.

GSMST at Economic Times Healthcare Conclave 2025

GSMST participated in the Healthcare Conclave 2025, held on 7th March 2025 in Lucknow, centered around the theme: “Catalyzing Healthcare Transformation: Innovation, Accessibility, and Quality Care for All.” The conclave focused on identifying scalable healthcare solutions aligned with the government’s vision for a healthier Uttar Pradesh. It served as a dynamic platform where policymakers, healthcare providers, industry leaders, innovators, and thought leaders came together to share insights, explore solutions, and drive collaboration.

ET Government
Uttar Pradesh
Healthcare
Conclave '25

Catalyzing Healthcare Transformation: Innovation, Accessibility, and Quality Care for all

ETGovernment—The Economic Times hosted the Uttar Pradesh Healthcare Conclave 2025 on March 7, 2025, at the Taj Mahal Hotel, Lucknow.

The conclave served as a platform for policymakers, healthcare providers, industry leaders, innovators, and thought leaders to come together and discuss solutions for building a healthier and more equitable Uttar Pradesh.

March, 2025

GSMST Site visit

- Shri Awanish K. Awasthi, Advisor to the Hon'ble Chief Minister of Uttar Pradesh
 - Shri Manas Mandal, an esteemed alumnus of IIT Kanpur.
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GSMST Construction Site, June 2025



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