



Cognizant Health Sciences Innovation Center

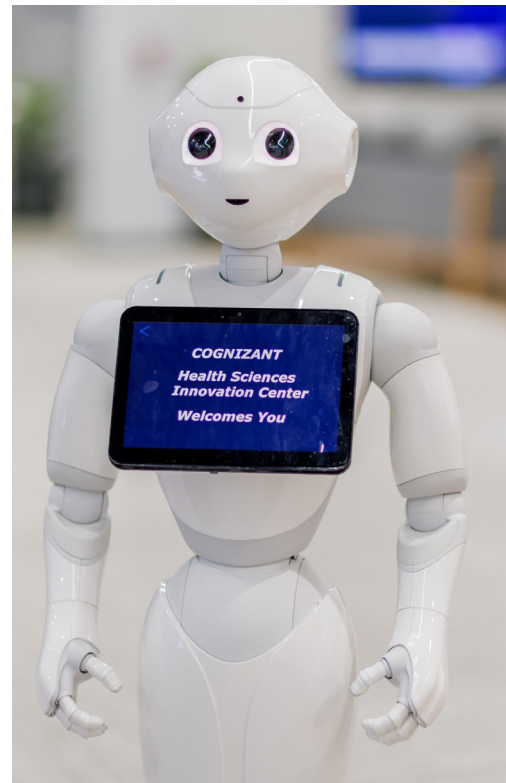


Health Sciences Innovation Center Chennai, India

Cognizant's Health Sciences Innovation Center supports the future of healthcare and life sciences, fostering unencumbered innovation for organizations worldwide. The center offers an exploratory environment equipped with real-life technology applicable for a wide range of use cases across healthcare and life sciences, including research and development, manufacturing, remote patient monitoring, healthcare provider training, claims processing, home care and more.

Visitors to the 6,500 sq. ft. facility in Chennai, India can explore leading-edge technologies, such as artificial intelligence (AI), prescriptive analytics, immersive technologies, robotics and digital twins, and the potential impact of quantum computing.

The Health Sciences Innovation Center fosters co-innovation among Cognizant's clients, technology partners, startups and academia, creating a collaborative environment that will enable new ways of thinking. Teams are invited to the center to reimagine the use of technology to discover and manufacture new drugs and therapies, improve communication between caregivers and patients, speed authorization and administration of care, and ensure accurate billing and payments.



There are distinct zones within the center designed to represent the entire health sciences value chain:



Research and development

In this zone, you can explore AI-assisted drug discovery, touchless lab automation and a collaborative platform for generative AI-based marketing content creation and verification.



Pharmacy

In the pharmacy, you can explore generative AI in the use of contract mining to help reduce pending pharmacy claims, and 3D printing of polypills for individual patients.



Medical devices

This area features computer vision-based quality control and robotics solutions integrated into testing processes to ensure the safety, efficacy and reliability of medical devices.



Health lounge and reception

The health lounge offers a vitals check station and teleconsultation kiosks. The contactless reception includes a humanoid-based conversational digital assistant.



Manufacturing

The manufacturing zone offers smart manufacturing processes with real-time MIS integration, as well as the use of digital twins for predictive maintenance.



Consultation room

In the consultation room zone, a speech-to-text solution serves as a medical scribe for clinical note-taking, and AI-assisted medical imaging analysis can provide radiology reports.



In-patient room and home care

In these areas, you can explore hospital-at-home solutions. Also supporting care at home are remote patient monitoring and virtual reality (VR)-based disease management solutions.



Payer

The payer area features a business metrics dashboard and generative AI solutions, including assistants for the TriZetto Facets® core administration platform.



Training

In the training zone, visitors can check out VR-based and AR-based training, enhancing skills in a virtual environment.



Hall of gen AI

You can explore a range of solutions, including a cross-industry marketplace, contact center operations solution and a trouble ticket assistant.

The Health Sciences Innovation Center is a testament to Cognizant's dedication to advancing innovation in healthcare and life sciences. Contact your Cognizant representative today to schedule a visit to the center, or email hsicsupport@cognizant.com for more information.