VIT BHOPAL
www.vitbhopal.ac.in

JOHNS HOPKINS
WHITING SCHOOL of ENGINEERING

HEALTH HACK | 2026

HEALTH HACK 2026

Improving Health Access for All

16th - 18th February 2026

ABOUT VIT BHOPAL UNIVERSITY

VIT Bhopal University, a legacy of VIT Vellore, was established in 2017 with a global perspective, dedicated to shaping the leaders of future generations. The university is led by Dr. G. Viswanathan, Founder and Chancellor; Mr. Sankar Viswanathan, Vice President; Ms. Kadhambari S. Viswanathan, Assistant Vice President and Mrs. Ramani Balasundaram, Trustee. It is a lush green campus covering over 350 acres situated at the heart of India, between the two cleanest cities, Indore and Bhopal. VIT Bhopal is the first private university to boast a 100% doctoral faculty, with members hailing from all over India. VIT has signed over 500 Memorandums of Understanding (MoUs) with partner foreign universities around the world. Currently, over 17,000 students are enrolled in 26 engineering and non-engineering undergraduate, postgraduate, and PhD programs from 32 states and union territories of India.

ABSTRACT

The "Improving Health Access for All" hackathon is a dynamic platform that unites data scientists, engineers, healthcare professionals, and innovators to tackle pressing healthcare challenges. This event transcends traditional healthcare applications, focusing on transformative solutions that enhance accessibility, equity, and efficiency, particularly in underserved regions. Participants will engage with cutting-edge themes, including Predictive Health Insights, leveraging AI for early disease detection; Equitable Healthcare Access, addressing disparities in underserved communities; Behavioral Wellness AI, promoting mental health and lifestyle interventions; Clinician Workflow Optimization, reducing provider burnout; Personalized Genomic Solutions, advancing precision medicine; Social Health Determinants, mapping socioeconomic impacts; Non-Invasive Monitoring Innovations, using novel data sources; Secure Healthcare AI Systems, ensuring data privacy; Chronic Disease Intelligence, enhancing management strategies; Telehealth Optimization, improving virtual care delivery with a focus on accessibility for rural areas; Population Health Analytics, forecasting community needs; Preventive Care AI, enabling proactive health; Patient-Centric Data Tools, empowering individuals; Smart Diagnostic Systems, revolutionizing diagnostics; and Ethical AI Healthcare Frameworks, prioritizing responsible innovation etc. By fostering interdisciplinary collaboration and providing access to robust datasets, APIs, and mentorship, this hackathon aims to produce scalable prototypes that redefine healthcare delivery, promote health equity, and address global health challenges with data-driven precision, especially for rural communities facing barriers to care. The Improving Health Access for All Health Hackathon invites innovators, developers, healthcare professionals, and data scientists to collaborate on scalable, inclusive solutions that empower underserved populations with accessible, efficient, and equitable healthcare services.

TENTATIVE TIMELINE

Phase I Review (Online)
5th - 12th January, 2026

Phase I Result Declaration
From **8th Jan, 2026** onwards

Paid Registration (For shortlisted participants only)
From **8th Jan, 2026** onwards

Workshop
16th February, 2026

Final Phase
17th - 18th February, 2026

Organized by VIT Bhopal University & Johns Hopkins University, USA

ABOUT JOHNS HOPKINS UNIVERSITY

Johns Hopkins University is a private institution in Baltimore, Md, United States. Founded in 1876, it was America's first research university and today has influence around the globe. Johns Hopkins enrolls more than 30,000 full- and part-time students across nine academic divisions. JHU is ranked #7 in National University rankings and #13 in engineering in both graduate and undergraduate.

ABOUT THE JOHNS HOPKINS WHITING SCHOOL OF ENGINEERING

At the Johns Hopkins Whiting School of Engineering, we advance data-and science-driven engineering discovery, innovation, and systems applications to help everyone live longer and healthier lives and empower communities and society to thrive even in extreme environments. Hopkins Engineering has more than 10,000 full-time and part-time students, has 40,000 living alumni across the globe, and boasts the #1 Ranked Biomedical Engineering program in the country. With ten academic departments and more than 26 research centers and institutes – including the Data Science and AI Institute - and through strong community, university, and industry partnerships, Hopkins Engineering is a driving force in the future of technology, health care, and engineering education.

HEALTH HACK | 2026

Tracks / Themes

- Telemedicine for Equitable Access
- Predictive Analytics for Preventive Care
- Resource Optimization for Underserved Clinics
- Community-Driven Health Empowerment
- Interoperable Health Data Systems
- AI for Chronic Disease Management
- Maternal and Child Health Solutions
- Mental Health Accessibility
- Mobile Diagnostics for Remote Areas
- Emergency Care Systems
- Affordable Healthcare Innovations
- Environmental Health Resilience
- Digital Health Literacy Tools
- AI-Enhanced Pharmacy Access
- Elderly Care Innovations

ORGANIZING COMMITTEE

CHIEF PATRON
Hon'ble **Dr. G. Viswanathan**, Founder & Chancellor, VIT Bhopal University

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Mr. Sankar Viswanathan, Vice President, VIT Bhopal University
Ms. Kadhambari S Viswanathan, Assistant Vice President, VIT Bhopal University
Mrs. Ramani Balasundaram, Trustee, VIT Bhopal University

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Dr. Siddharth Singh Chouhan, Assistant Professor Senior & Programme Chair | School of Computing Science Engineering and Artificial Intelligence, VIT Bhopal University
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INDUSTRY PARTNERS
Dr. Neha Verma, Co-founder and CEO of Intelehealth, USA
Ms. Damini Agarwal, Chief Technology Officer at IBT, USA
Mr. Kunal Pal, Executive Director, Gupta-Klinsky India Institute (GKII), Johns Hopkins University

Registration Link:
https://tinyurl.com/HealthHackVITBJHU2026

Registration Fees Per Team*
(up to 6 Members):
₹2000 ($23)

Prize Money:
1st Prize: ₹1,00,000 ($1126)
2nd Prize: ₹50,000 ($563)
3rd Prize: ₹25,000 ($281)

Scan the QR code to Register

Contact: healthhack@vitbhopal.ac.in | https://vitbhopal.ac.in/health-hackathon/

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INSTITUTION'S INNOVATION COUNCIL
(Ministry of Education Initiative)