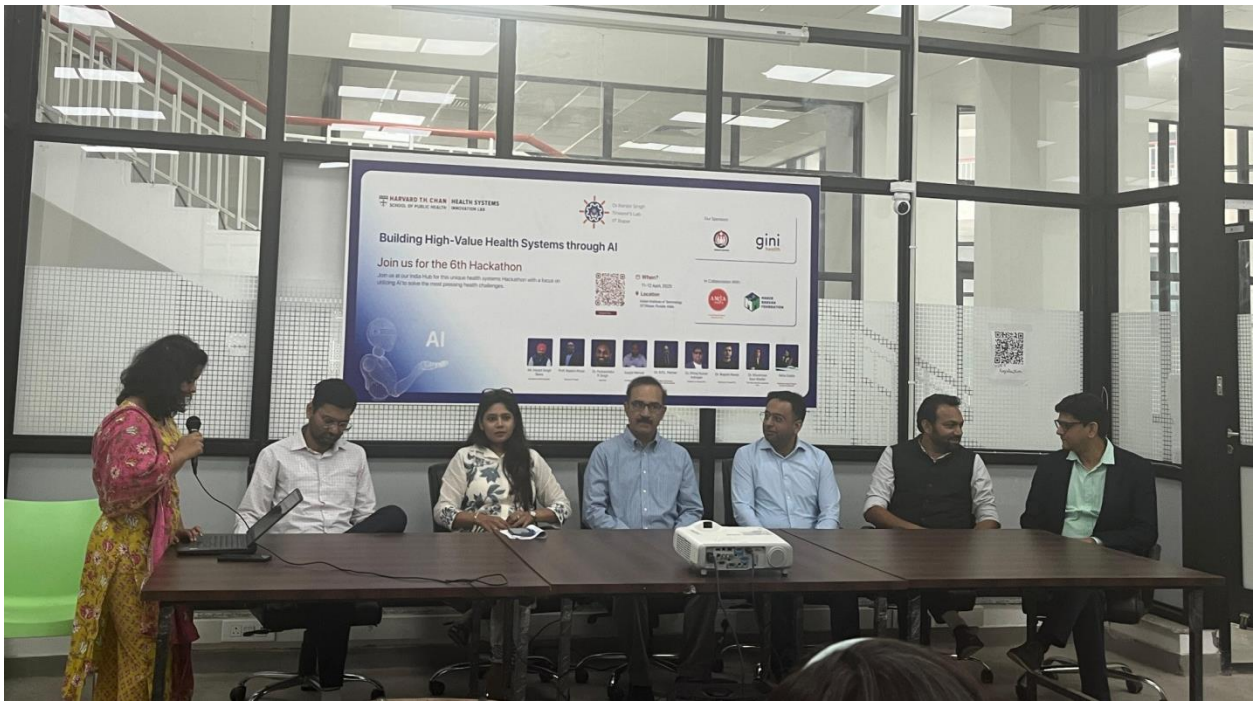
Ministry of Education

IIT Ropar Hosts Indian Edition of Harvard's Global 6th Health Systems Innovation Hackathon 2025

Ropar/Chandigarh, 15 April 2025

The **Dr. Ranbir Singh Tinkerers' Lab** at IIT Ropar successfully hosted the India Hub of the 6th Health Systems Innovation Hackathon, organized by the Harvard Health Systems Innovation Lab (HSIL), under the theme *"Building High-Value Health Systems: Leveraging Artificial Intelligence."*



The event was guided and supported by a distinguished team of mentors and professionals, including **Dr. Dhiraj Kumar Mahajan** (Professor In-Charge), **Neha Gupta** (Healthcare Leader & Patient Experience Specialist), **Dr. Brajesh Rawat** (Professor In-Charge), **Dr. Khushman Kaur Bhullar** (HSIL Hackathon Organizing Team), **Gurjot Narwal** (Founder & CEO, Gini Health), **Dr. B.P.S. Parmar** (Laparo-Endoscopic Surgeon, Parmar Hospital), **Prof. Rajeev Ahuja** (Director, IIT Ropar), and **Dr. Pushpendra P. Singh** (Dean R&D, IIT Ropar).



Six interdisciplinary teams participated, comprising students and professionals from medicine, AI, engineering, and public health. With guidance from mentors across clinical, technical, and entrepreneurial backgrounds, participants tackled real-world challenges such as electronic health record analysis and mental health support to AI-enabled diagnosis, pediatric care, and intelligent healthcare communication systems.



After two days of intense ideation and pitching, **Team PiedPiper** was declared the **winner** of the **6th Health Systems Innovation Hackathon 2025.** The team—**Shubham Mojidra**, **Prasad Jumare**, **Satyansh Mittal**, and **Dhanav Garg**—developed **HospitalAI**, an AI-powered call management system. Their solution transcribes hospital calls in real-time (English and Hindi), uses healthcare-specific NLP to classify queries, and routes them to the appropriate departments—reducing delays, easing staff workload, and improving patient experience.

> *"By leveraging AI to tackle a critical inefficiency in India's healthcare system, we aim to enhance accessibility and operational efficiency, delivering measurable impact where it's needed most,"* said Team PiedPiper.

The win secures their place in a focused two-week Bootcamp—a critical phase to refine their pitch and develop their idea further. Following this, a selective HSIL panel will shortlist 20 top-performing teams for an extended bootcamp, offering deeper guidance and strategic mentorship. From there, eight exceptional teams will be selected to participate in a rigorous four-week online **HSIL Venture Incubation Program**, featuring specialized seminars, interactive workshops, and dedicated one-on-one mentoring.

The event reaffirmed **IIT Ropar's** role as a hub of interdisciplinary innovation and its commitment to advancing AI-driven healthcare in India.

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