

IIT Indore to host TTRP in digital healthcare

Our Staff Reporter

INDORE

IIT Indore (IIT-I) has been selected to host the Technology Translation Research Park (TTRP) in digital healthcare under the National Mission on Interdisciplinary Cyber-Physical Systems (NM-ICPS).

Digital healthcare in India is rapidly evolving, driven by government initiatives like the Ayushman Bharat Digital Mission (ABDM) and the National Digital Health Mission (NDHM), aiming to create a seamless digital health ecosystem.

The TTRP at IIT Indore was proposed as the next phase to Drishti CPS Foundation. IITI Drishti CPS Foundation came into being with a focus on system simulation, modelling and visualisation but working across a wide array of sectors including digital healthcare. The work at Drishti emerged to create a flagship unified human digital twin platform, "CharakDT."

The proposal emerged to cater to the growing need of the nation in creating a robust digital health infrastructure.

The novel, systematic and scalable architecture of CharakDT allows a unique way of creating individual health models (twins) for each patient by aggregating contextual data from multifarious sources and imple-

menting large-scale AI models across dimensions of organ physics, demography, diagnostic tools and environment.

After a thorough examination of the proposal from IIT Indore, the Mission Governing Board of NM-ICPS has selected IITI Drishti CPS Foundation for upgradation to TTRP under NM-ICPS in the focus area of "digital healthcare". This new endeavour comes with an ad-



ditional allocation of Rs 150 crore over the next few years.

"The new TTRP comes as a great validation of the initiatives on digital healthcare incubated in IIT Indore. We look forward to extending the mandate of IITI Drishti CPS Foundation into digital healthcare through this new TTRP", said IIT Indore director Prof Suhas S Joshi.

The new TTRP will also give a huge boost to the translational research activities in the other domain of research at IIT Indore. Besides IITI Drishti CPS Foundation, IIT Indore has established ACE Foundation as well as a Centre for Translational Research.