IIT-I to develop tech translation research park

TIMES NEWS NETWORK

Indore: Indian Institute of Technology, Indore (IIT-I), is developing a Technology Translation Research Park (TTRP) with an aim to enhance digital health solutions and creating a seamless digital health ecosystem in the country.

The advanced facility at IIT-I in digital healthcare to be set up under the National Mission on Interdisciplinary Cyber-Physical Systems (NM-ICPS) will work to bridge the gap between urban and rural healthcare services, leveraging telemedicine, electronic health records (EHRs), artificial intelligence-driven diagnostics and personalised medicine and care.

The institute received a nod from the department of science and technology and governing body of NMICPS led by Kris Gopalakrishnan, founder of Infosys, to upgrade IIT-I's technology innovation hub Drishti CPS Foundation into a TTRP with an outlay of Rs 250 crore for next three years in tranches. Of the total proposed amount Rs 52 crore has been received by the foundation.

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

IIT-Indore established the Drishti CPS Foundation in 2020, which has so far supported over 150 technology projects and startups with funds and mentoring.

Drishti CPS Foundation CEO Aditya Vyas said, "The research park will cater to the growing need of the nation in creating a robust digital health infrastructure. Drishti CPS is developing a flagship unified human digital twin platform — CharakDT. 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 implementing large-scale AI models across dimensions of organ physics, demography, diagnostic tools, and environment."

BOOSTING DIGITAL HEALTHCARE