

IIT-Indore sets up technology innovation hub

Indore: Indian Institute of Technology (IIT), Indore has set up a Technology Innovation Hub (TIH) aimed at creating an ecosystem to support development and commercialization of technologies facilitating modelling, simulation and visualization of Cyber Physical Systems (CPS).

Cyber-Physical Systems (CPS) is a computer-based system where a mechanism is controlled or monitored by algorithms.

The hub named as Driving Innovation through Simulation Hub for Technologies in Interdisciplinary Cyber Physical Systems (DRISHTI CPS), plans to lead in skill enhancement, technology development, product commercialization and joint initiations with industry partners.

Professor Neelesh Kumar Jain, director (officiating) said, "The objective of DRISHTI CPS will be achieved in the true sense by creating a self-sustaining system which supports R&D

TO BOOST TECH DEVELOPMENT

projects, patenting, licensing and commercialization, incubation of start-up companies and spin-offs and initiation of joint projects with the industry. The hub plans to organize short courses, webinars, and offer fellowship programs soon."

The technology hub also aims to support research activities and work on joint initiatives with industry players.

Dr Pavan Kumar Kankar, project director said that all entities of IIT Indore will have to work as a team along with the industry, R&D organizations and the sister Technology Innovation Hub's to achieve the objectives. CEO Col. Dr Sunil Dutta (Retired) said, "The growing importance of CPS in every field associated with human beings. The demand of digital presence in every facet of life has necessitated a paradigm shift in the existing ecosystem. This digitalization is not restricted to human beings. In fact, machines and modern systems, apart from being digitalized, are also expected to be interconnected via Internet of Things (IoT) deployments. rnn"