

IIT-K for AI solution in healthcare

Lucknow: IIT Kanpur is exploring an AI-based solution through which it could recreate a digital twin of a human organ to carry out drug trials and for other advanced studies required to bring a complete turnaround in the healthcare ecosystem. The institute is also working on developing an artificial left ventricular assist device, a machine that is used to pump blood into the body during severe heart failure. While presently such a device costs Rs 1.2 crore and is imported, the one being developed locally is estimated to cost Rs 10 lakh.

At the ET conclave, many such radical solutions and turnarounds were discussed. Secretary, UP govt, GS Naveen Kumar urged the academia and industry to help govt use technology as a multiplier in govt delivery. "Actual changes on the ground started taking place from 2016 through AI. AI is not just about computing or IT solutions. Processing data into different forms to understand the gap areas is equally pivotal," said Kumar. Commissioner and secretary, higher education department in J&K, Rashmi Singh highlighted the 'design your own degree' programme. Chief technology officer, Microsoft India and South Asia, Rohini Srivathsa shared examples of start-ups that are able to help farmers improve the agricultural yield. TNN