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New digital platform to enhance national disease surveillance initiative

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Titled Social Analytics for Rapid Transformation in Health for India (SARTHI), the project will use available data in public domain to create a model for preventing disease outbreaks



The Institution of Engineering and Technology (IET), in partnership with Siemens Healthineers India, the Centre for Health Research and Innovation (CHRI) and Capgemini, has developed a digital platform to enhance the national disease surveillance initiative.

The platform is called Social Analytics for Rapid Transformation in Health for India (SARTHI), which leverages publicly available digital data to track mentions of three disease conditions – Dengue, Malaria and Chinkungunya.

The global engineering body will be presenting the platform and its potential use cases for the healthcare sector on the second day of the IET Future Tech Congress, a 2-day national technology conference to be held from the 22nd to the 23rd of November, at Lalit Ashok, Bangalore.

SARTHI assimilates data available in the public domain across digital channels like online news broadcasts, forums, blogs, twitter, facebook, instagram and reviews to track mentions of the three disease conditions. The platform looks at granular data and can trace the origin of the information down to district and street locations.

SARTHI has huge implications for the real time tracking of disease conditions in India and will lay the foundation of creating a model for predicting disease outbreaks, thereby helping to improve the preparedness of public health infrastructure.