

# ARTPARK Stories

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# About ARTPARK

AI & Robotics Technology Park (ARTPARK) is a one-of-its-kind, not-for-profit foundation promoted by the Indian Institute of Science (IISc), Bengaluru with support from AI Foundry in a public-private collaborative model, to promote technology innovations in AI (Artificial Intelligence) & Robotics. With seed funding of INR 170 Cr (\$22mn) from the Department of Science & Technology (DST), Govt. of India, under the National Mission on Interdisciplinary Cyber-Physical Systems (NM-ICPS) & INR 60 Cr (\$10mn) from the Govt. of Karnataka. The ecosystem is designed to bring about a collaborative consortium of partners from industry, academia, and government bodies.

At ARTPARK, we believe in moving forward the key technology milestones in AI & Robotics in a "Mission Mode" model. We look for the intersection of societal scale impact, economic sustainability, and technology challenges in choosing our problems.

**Learn more** [www.artpark.in](http://www.artpark.in)

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# XraySetu

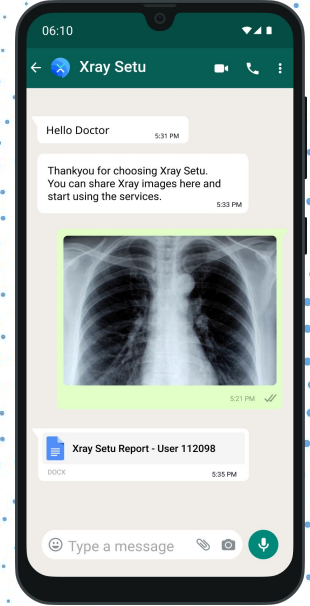
XraySetu is an AI model developed by the researchers at ARTPARK in collaboration with HealthTech startup Niramai Health Analytix and IISc - Indian Institute of Science, Bangalore. XraySetu provides an automated, effective, and rapid method to diagnose lung abnormalities on a chest X-ray. During the second wave of COVID-19 infections in India, the healthcare system, including the diagnostic facilities, we're overburdened with an extremely large number of patients. RT-PCR, considered to be the gold standard for diagnosis, was not available everywhere, especially the rural areas. The user uploads the x-ray image on the WhatsApp chatbot of XraySetu. The image is interpreted by the XraySetu algorithm and a report is sent back to the user within minutes.

**Generated 10,000+ reports**

**Reached 5000+ Doctors**

**Serviced reached 30+ Country**

**Received 3 awards for rural India reach campaign**

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**AI***foundry*



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