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Thinkerbell Labs develops COVID-19 contact tracing solution

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Chakravyuh is a product that helps to collect and analyze real-time data on COVID-19



Bengaluru-based startup, Thinkerbell Labs has received a grant by Centre for Augmenting WAR with COVID-19 Health Crisis (CAWACH), an initiative by the Department of Science and Technology, Government of India for developing ‘Chakravyuh’, a product that helps to collect and analyze real-time data on COVID-19.

With the number of COVID-19 cases increasing each day and vaccines still under development, contact tracing and quarantining have become the primary tools to fight this coronavirus. The current process of contact tracing primary and secondary contacts starts only when someone tests positive. And by this time, the affected person may have unknowingly infected others in the community.

Realizing this problem, IAN-backed tech-driven startup developed Chakravyuh that seeks to address the issue to keep the community safe. The product analyzes and predicts spread patterns along with collecting metadata important for contact tracing. Thinkerbell's Chakravyuh deploys a connected, smart, temperature measurement, and analytics solution for State and District Administrations, providing them with quick and comprehensive access to the information they need to pre-empt the spread of COVID-19.

Speaking about the initiative, Sanskriti Dawle, Founder, Thinkerbell Labs said, "COVID-19 contact tracing is important to slow the spread of the pandemic. Our focus was to empower authorities with a solution that could help curb the spread of the disease. The data collected via Chakravyuh is easily integrated with the dashboards in the COVID-19 War Rooms and allows the authorities to identify high-risk zones. The CAWACH grant gives a special provision that empowers districts with significant SC/ST populations to deploy Chakravyuh hardware and software free of cost. We invite state and district administrations across the country to partner with us and deploy Chakravyuh in their areas. "

Commenting on the initiative, Padmaja Ruparel, Founding Partner, IAN Fund said, "The deadly virus is still sweeping the globe. At this stage, Thinkerbell Labs' goal to find a solution such as 'Chakravyuh' and its deployment in several districts across the country will act as a weapon to fight the COVID-19. We are proud to support innovative startups who have come up with real-time solutions in this time of crisis. "

Chakravyuh collects body temperature data at citizen touch points (CTPs) through a low-cost temperature scanner, which can convert any smartphone into an IR gun.

The device collects temperature data at CTPs (citizen touch points) via a low-cost temperature scanner that can convert any smartphone into an IR gun. The software can also be integrated with existing temperature guns that have already been deployed.

Besides, Chakravyuh, the startup has also launched a variant called Shared Safety for businesses. The tool can help consumer-facing businesses such as gyms, salons, malls, restaurants, to list, track, and share safety precautions and manage internal COVID compliance.