



RVCE Student:Pratik's creation has won Microsoft's 2019 AI for Good Idea Challenge award

for not informing them in advance about the scheduled runway closure. TNN

Bengaluru, were employed with a builder, Bharat Reddy, who has an office in Jayanagar.

12.45pm on Monday and demanded the test drive. "We asked them to wait un-

court. They were granted and released on Monday itself," HSR Layout police said.

Web series sparks organ donation idea, B'luru youth wins Microsoft Challenge

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Bengaluru: When Pratik Mohapatra began watching a popular web series, the portrayal of the gap between demand for organs and their availability hit him hard. As the series progressed, Pratik began working on a solution to the problem faced by the on-screen protagonist.

"The lead actor struggles to find an organ for his ill son and even goes to a questionable extent in his desperation to save him. It shows how difficult it is to get an organ in India and even in other parts of the world. I wanted to put technology to good use to find a solution," said Pratik, a final-year undergraduate student of RV College of Engineering.

Today, Pratik's Artificial Intelligence-based solution — OrganSecure — has won Microsoft's 2019 AI for Good Idea



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Challenge award. The 21-year-old won an Xbox One X console and an Nvidia Quadro graphics processing unit worth \$2,500 in the competition for which he applied two months ago. At that time, he was interning with the company and his was among the three winning ideas. The computer science student was always enthused about AI and Machine Learning-based technologies.

Time, organs wasted if there's no match

There have been instances when authorities get an organ, but realise the same doesn't match with the recipient. Not just precious time, even organs are wasted in the process. OrganSecure can help avoid such situations

Pratik Mohapatra | STUDENT, CREATOR OF ORGANSECURE

Tech solution promises faster, accurate match

After watching the series, Pratik did some research on the organ donation scene and realised that even World Health Organization statistics weren't favourable.

"I wanted to solve the current problem, where organs are given on a first-come, first-served basis," he explained. Apart from a long waiting pe-

riod, the other problems include matching of blood groups, platelet count and the remaining lifespan of the recipient.

OrganSecure promises to quickly match donors and provide real-time updates to those in need of a transplant. It uses AI to evaluate parameters like blood groups, antigens and the number of days a recipient will possibly live. It matches donors with recipients on priority. "It can reduce chances of error and help people waiting for organs, making the host-donor matching process more transparent," said Pratik.

He began working on the solution six months ago and hopes to bring it to the masses in another seven months. The youngster further plans to take the technology to other parts of India and across the world eventually. Pratik is also looking forward to joining Microsoft after completing his course in 2020.