

## Create IOT: CRIOT - Affordable & Accessible Smart Home

Dynamic. Intelligence. Comfort. These are the three key salient features that CRIOT Innovations aim to build their products. The name CRIOT originates from the phrase "Create IOT", at its core it aims to build IoT products that further bridge the gap between the physical and digital world. We are currently a team of 22.

The founders Varun Perumulla and Sai Mahidar Vanumu are 3rd-year BTech students from IIT Hyderabad. Varun is the creator of the brand Varun Peru, the founding head of E-Summit IIT Hyderabad and a curator at TEDx IITH among a host of other things. A passionate entrepreneur he was inspired by his father who pushed him to solve traditional problems in an unconventional way. Mahidar on the other hand is studying in the department of engineering science with mathematics and computing and is also a certified ethical hacker, SIH 2020 Winner among many other things. He is passionate about blockchain cybersecurity and machine learning.

The duo set out to create products that are not only limitlessly automated but also drive its growth through its unique approach towards the security of the products it offers. Data that is generated is to be stored locally so as to maintain the privacy of its customers which is pivotal for the company. The company follows a mix of B2B and B2C business models and is focusing especially on a subscription-based model for its revenue in the long run.

The duo has reached out to potential investors not just for funding but for valuable insights which they believe are crucial at this stage of the development. They have had their fair struggle with designing and developing the product and the pandemic has not made it any easier. A complicated circuit, voltage fluctuations and multiple attempts are what it took to overcome the struggles.

Their recent collaboration with Technocorpus, University of Tokyo has proved to be crucial for the company. The collaboration was majorly orchestrated with the advice and under the guidance of IIT Hyderabad's Dr. Kotaro. Dr. Kotaro has been a crucial adviser to the students all throughout the project. This collaboration was struck with the intention of CRIOT being able to provide more data apart from the geodata that UOT currently is at the disposal of.

This collaboration is set to be mutually beneficial to both parties as Technocorpus would be able to accurately define a unique person through the lifestyle authentication program.

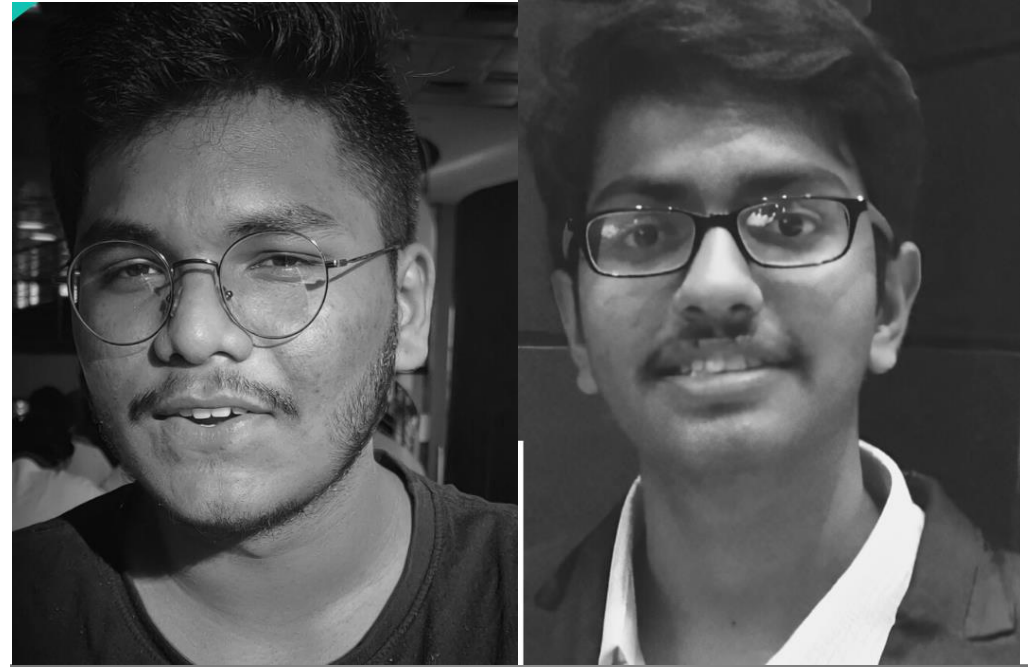


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On the other hand for CRIOT Innovations, would be the first international collaboration that would set a precedent for further projects. It would also help the company gain validity of their products and would serve as a crucial experiment for further product development.

CRIOT strongly believes that such collaborations help companies gain new perspectives and learn more about the work ethic that is to be expected. Going forward CRIOT's main target will be to crack more such collaborations with universities across the globe. In the next few years, CRIOT aims to move smart homes away from the limits of luxury and make them accessible and affordable for all. The company intends to Eliminate conscious human operations and bring you closer to a home that is interactive, adaptive and limitlessly automated.



*Mr. Varun Perumulla, CEO (L) and  
Mr. Sai Mahidar Vanumu, CTO (R)  
CRIOT &  
3rd-year BTech students, IIT Hyderabad.*

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