

TEP TALK

"If you can dream it, you can do it" - Walt Disney

The official newsletter of Technology Entrepreneurship Programme

TEP 2017-19: INNOVATION OF THE MONTH

(On the basis of solution proposed, fabrication techniques, materials used for prototyping and overall their journey so far)



Team: Brain Trust

College: Ananthalakshmi Institute of Technology & Sciences

Theme: Smart Cities

Problem Statement: "How might we help the visually impaired to efficiently detect the obstacles and to do better navigation?"

Solution: Navigator Shoe, helps the visually impaired people to efficiently detect the obstacles in the range of 1-2 meters and gives a feedback through a vibration once the obstacle is detected. It is a stand alone device and doesn't need any internet or smart phone connectivity, the sensors, processor and the motor are all installed in the shoe. This device intends to help the visually impaired people to have a safer and smoother navigation in public places.



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