

CSR INITIATIVE BY



ONGC WITH IIC PDPU

January 20, 2018



A Project Incubated at PDPU IIC



ABOUT THE EVENT

The event was organized to address and deliver solution of the major problems faced by the physically challenged and visually impaired people. The event was quite a success with a selfless support of ONGC.

The major contribution towards solving the problem of visually impaired people purely goes to TORCH IT which wouldn't be possible without the support of ONGC.

The mission of ONGC to the empowerment of the physically and visually impaired people was pretty accomplished.

The speeches were delivered by Shri C. GopalKrishnan Director-SPM and Chief mentor-IIC, Assistant Manager ONGC and Major officials of ONGC and President of Blind People Association about how the empowerment of physically challenged people can boost the national economy was quite inspiring and motivated us to work selflessly for betterment of society.



The seeds for TORCH-IT were sown in the minds of Hunny Bhagchandani during a social internship (2013-2014) at Blind peoples Association, Ahmedabad.

There he saw a 11th grade student due to collision with signboard near the bus stop. Many persons with visual impairments lose their confidence due to collision with people and objects.

He thought we are living in the 21st century, where we are surrounded by so many smart sensors and gizmos, still our visually impaired friends are using a conventional white cane.

They need the much more advanced, accurate and smart device.



JOURNEY OF TORCH-IT



Then 3 months later he became innovation manager of his colleges' robotics club named 'Cretus' and made many bots and innovations. Suddenly he got an idea from obstacle avoider car's sensor which can be useful for Divyang community for recognizing obstacles.

Within a week he made a torch (general torch which is used by normal people), and inserted sensors and controller, and went to blind peoples association for demo and testing.

That golden day, after demo and testing visually impaired peoples are very happy, and they blessed him like anything.

He was amazed and felt very proud and honored. It is very helpful for them because their normal white cane only helps them to find ground level obstacles, so that torch identifies all knee above obstacles.

So they are very happy and another thing, only 20-22% people are using a white cane, others are not using that.

Next, was forming a dedicated team and researching the issue of visual impairment, collecting facts and figures and then developing the second prototype of TORCH-IT. This prototype was created within a week and then was practically tested with and by more than 200 partially and fully blind people and with a positive response from the volunteers and experts, he filed a patent on it.

Saarth
Walk With Pride

Saarthi is an object detection handheld device which is portable and pocket friendly in nature.

Gift to our visually impaired friends.



We are only as blind
as we want to be
- Helen Keller



torch-it
Creating Vision not Sight

ABOUT THE PRODUCT

The MIT media labs workshop conducted in Gandhinagar opened Hunny Bhagchandani's mind to the idea of TORCH-IT, which would bring light to the virtually dark world of thousands and lakhs of visually impaired people. After that his startup 'Torch-It' is selected startup scheme by Govt. of Gujarat through PDPU Innovation and incubation center. The mentorship from various professors (Mr. R Soni and Dr. Bhushan Punani) and entrepreneurs from various reputed ventures and universities of India played a great role in helping him develop the idea of TORCH-IT.



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THANK YOU

