

Robot at Makerfest



### **MAKER FEST VADODARA 2021**

Following in the footsteps of Maker Fest Vadodara's 2019 and 2020 editions, the 2021 online edition was also a great success. The Maker Fest provided an open platform to bring to light creative geniuses solving real world problems, and to showcase their innovations to people and industries at large.

Continuing to nourish grass root innovation, Maker Fest Vadodara 2021 is organized by Yuvalay Electronics Lab and co-hosted by Vadodara Innovation Council. Yuvalay E-Lab, an initiative of Yuvalay Charitable Trust, aims to provide people with a platform to convert their ideas into reality through initiatives like Maker Fest and has been creating community-based knowledge sharing opportunities where people from different specialisations can learn from each other. Yuvalay Charitable Trust also runs the "Individual Development Centre" with an aim to transform the youth to be winners in their personal as well as professional lives. It helps the youth to be equipped with the skills required for developing their overall personality through the medium of Trainings, Workshops, One on One Counselling, and Industrial Visits.



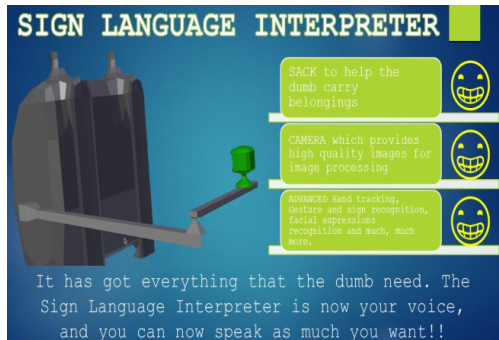
Makerfest Vadodara 2021 Virtual Lounge

### **Maker Fest Vadodara 2021**

Hosted entirely online this year, the Maker Fest received thousands of visits at a virtual Exhibition Hall, with Makers' creations, events and expert-talks in the Auditorium and live virtual presentations by the makers themselves in the 'Makers Townhall'. Of 230 entries received from 6 states of India, 50



Mobile Isolation Pod



Sign Language Interpreter



Skill Shala



Varden Water Purifier

Makers were selected as winners, representing various fields such as Technology, Environment, Physiotherapy, Pharmacy, Education and Arts. Prizes worth more than a One lakh rupees (~1400 USD) were awarded to 17 teams recognizing their creativity and excellence in respective areas with platinum, gold, silver categories.

Asha Jadeja was Guest of Honour at the inauguration of Maker Fest Vadodara 2021, alongside the Chief Guest Ms. Anju Sharma (IAS, Principal Secretary, Higher & Tech Education, Govt of Gujarat), and the Guest of Honour Prof. Anil Gupta (Founder - SRISTI, Honey Bee Network, Former Prof IIM-Ahmedabad, Padma Shri Awardee.)

Asha was fascinated to learn of some exciting new inventions, and to celebrate their excellence. Highlights from the selection included:

**Mobile Isolation Pods:** To isolate any infectious patients, from medical personnel and nearby people, a Mobile Isolation Transparent Pod has been designed which allows patients to breathe and move freely; with a filter for cleaning the air within the pod. This can be adapted to any general bed, ICU bed or ambulance. Developed by a team of young enthusiasts primarily for Covid-19, and now expanding to other medical applications as well. [Further details here.](#)

**Sign Language Interpreter:** Developed by a school student of 8th grade – a portable wearable device which can detect different signs by a person with speech disabilities and can convert that sign into an audio message for the audience who don't understand sign language. [Further details here.](#)

**Education - My Skill Shaala:** Online learning community to make activity-based life-skill education accessible to students. This portal provides free, fun-filled and democratic learning for students as well as a gamified learning experience where kids earn points and badges on learning new skills. [Further details here.](#)

**Varden Water Purifier:** Two chemical engineers have developed a low cost multi stage water purifier system that is powered by dye-sensitized solar cells. Unit does not waste drop of water nor requires any external source of energy. Cost for purification is lower than conventional RO systems. [Further details here.](#)

**Brook and Blooms:** This is a startup solving temple waste problems. They collect floral waste, coconut waste and cow dung; and convert into natural and hand-crafted products. [Further details here.](#)

To view the details of all 50 Makers, please visit [www.makerfestvadodara.com](http://www.makerfestvadodara.com)