



## PRESS RELEASE

### **Curiosity Gym provides face shields and mask-adjusters to frontline workers**

Face shields and face-mask adjusters have been developed by Curiosity Gym, Mumbai, using 3D-printing technology for our corona warriors - doctors, nurses and medical staff. A shipment of 33 shields and 50 mask adjusters was delivered to KEM hospital, Parel, Mumbai which is currently treating COVID-19 patients.

In light of the increasing cases and the contagious nature of the disease, masks with a tight-fit, and face shields are of paramount importance to all healthcare workers as these keep them safe from catching the infection while treating COVID-19 patients. Commercially available masks come in one particular size and may not fit everyone perfectly. The mask adjusters, with different grooves, enable a person to wear the mask tightly around their face to minimize any possible risk of catching the infection.

Dr. Pratik from KEM hospital has appreciated the design of the face shields and mask adjusters. "The quality of the face shields is really good, with sturdy design and they are easy to disinfect as well so that we can reuse them. These face shields are really comfortable compared to the others we receive".

Arvind Bhallamudi, associate designer at Curiosity Gym, who is developing the face shields and mask adjusters says "we are trying to make up for the massive shortage in personal protective equipment for essential service workers using new ideas in the design and 3D printing of these products. With this effort, we hope to move one step closer in winning the fight against COVID-19".

Jehangir Khajotia, Co-Founder, Curiosity Gym added - "At Curiosity Gym, we mentor students on design thinking and Innovation. We decided to 3D print and assemble Face Shields, using commonly available materials, and donate these to KEM hospital. To instill and create a sense of social responsibility, what better way to appreciate the frontline healthcare workers for their selfless service during these very hard and trying times. A very small way of giving back to society and saying thank you!."

Curiosity Gym is now planning to send another 50 face shields to KEM hospital. The face shields were assembled in collaboration with IIT Bombay. Curiosity Gym is a STEM.org certified educational organization which offers people of all ages a shared opportunity to explore areas like STEM, 3D-printing, 3D-doodling, design thinking, and much more.



Photo credits: Mask adjuster (Arvind Bhallamudi), doctors receiving the shipment (Dr.Pratik, K.E.M. hospital)

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