

A K Samban Award for Creativity in Science 2021-22

The A K Samban Award for Creativity Competition was held on 21st February 2022 in zoom virtual platform. The judges for the event were:

Dr. Priyatha Premnath, (Assistant Professor, Biomedical Engineering- University of Wisconsin - Milwaukee)

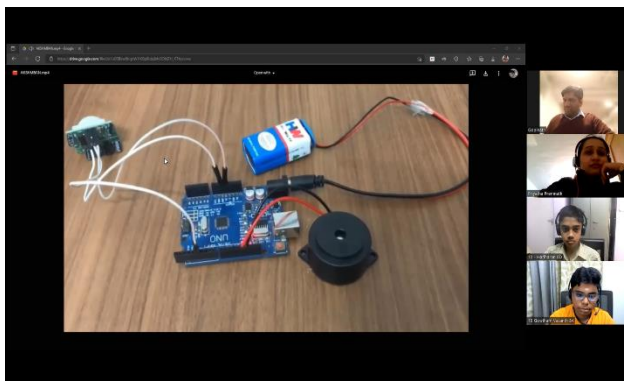
Mr. Gopinath Palanimanickam (Project Manager – I T Services-University of Wisconsin - Milwaukee)

13 projects were qualified for the finals. The videos of their working models/projects were mailed to the judges for pre-evaluation. The projects were again presented for the competition and live projects shown too. Students were questioned by the judges about scientific concepts, working, principles, applications etc. Suggestions were also given to improvise the projects. All students presented flawlessly and interacted very well with the judges who were impressed with the students' knowledge and their interest in science.



AKS WINNING PROJECT

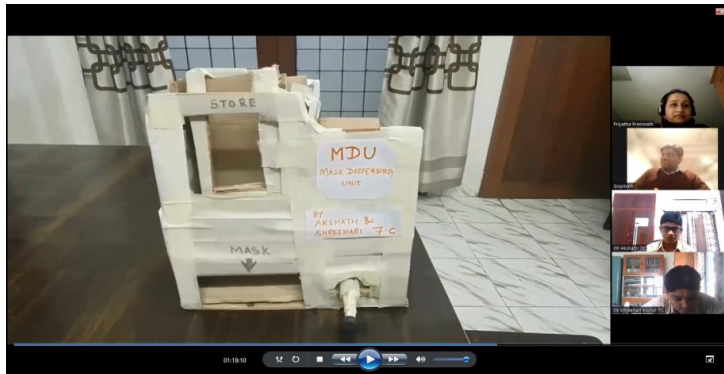
SMART SECURITY SYSTEM by P. Hariharan 8D and Gowtham Vasanth 8A



Theft has been a problem in a lot of cities. With the smart security system kit, the sensors could be placed in apt locations to alert us immediately unlike a regular CCTV camera.

Special Appreciation for the following 2 projects:

- **Mask dispensing Unit- based on Hydraulic Pressure (By Akshath Rao 7C and Shreehari Kishore7C)**



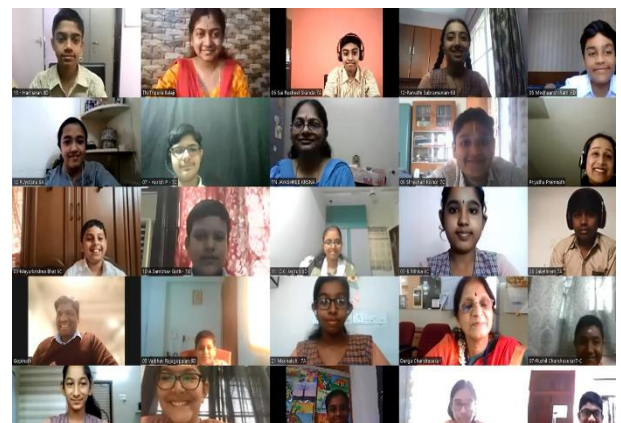
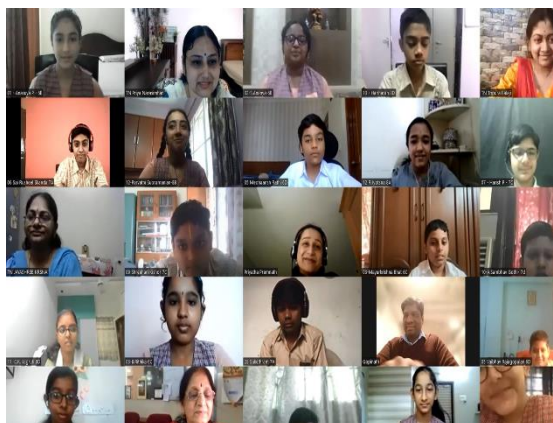
A working model of a mask dispensing machine which can be used especially in classrooms to dispenses masks with hydraulic pressure. This project also acts as a teaching aid to explain several concepts like friction, Pascal's law and elasticity.

- **Standalone table for inpatients (By C.K. Jagruti 8D)**



A removable wash basin with a closed drain along with a water tank/container and a tap when installed on a standalone small table can be used by patients at home for washing/rinsing hands and mouth.

The competition truly instilled scientific temper and curiosity in all our young children.



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