

A.K. Samban Award for Creativity in Science, T Nagar (2020-21)

The A.K Samban Award for Creativity in Science was conducted on the virtual platform on Saturday 11th April 2021. Students of classes 6, 7, and 8 took part. The judges for the event were:

1. **Dr. C. Suresh Kumar** (PhD in Chemistry, Kyung Hee University, South Korea)
Asst. Professor and Head, Dept of Chemistry, Hindu College, Pattabiram, Chennai
2. **Dr. S. Gopinath** (M.Sc. PhD in Physics, University of Madras)
Asst. Prof, Department of Physics, RKM Vivekananda College, Mylapore, Chennai

There were nearly 28 entries and 16 were shortlisted by the judges for the finals after going through the synopsis and video of the projects.

Mrs. Sheela Rajendra, Dean and Director and Correspondent wished the contestants and appreciated them for their innovative and socially useful projects.

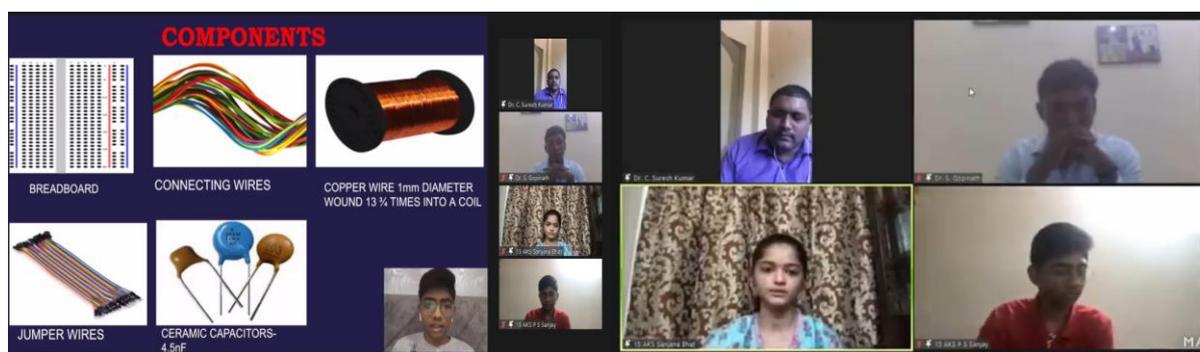


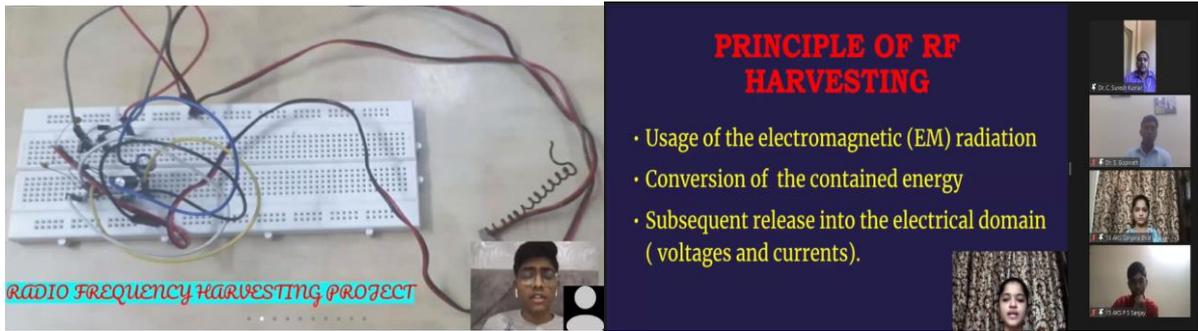
Participants were judged based on the innovation, creativity and need for society. Credit was given to original work only.

The following students were appreciated for their commendable projects.

1. **H. Sanjana Bhat and P.S Sanjay of Std 8 C for their project Radiofrequency Energy Harvesting (prototype working model)**

It works on the principle of energy conversion from the electromagnetic (EM) field into the electrical domain.

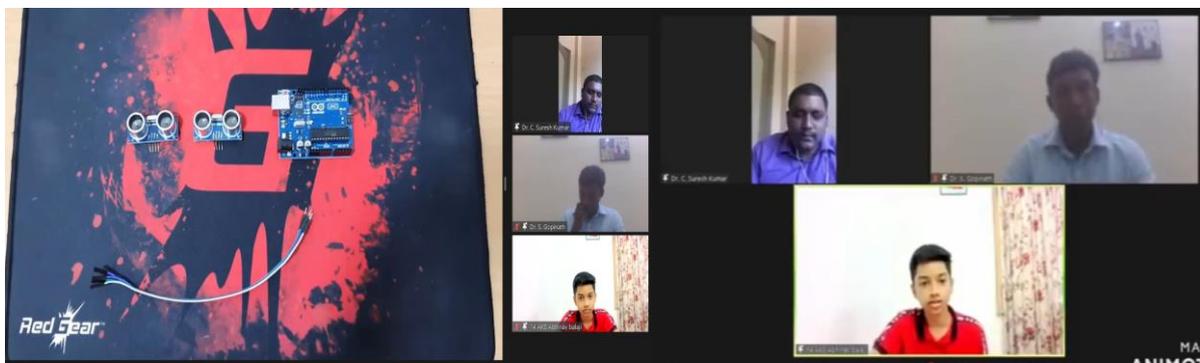




2. **Rishabh Mohankumar and Rithun Mohankumar of 7D** for their innovative working model, **Plant Sitter** which is very useful for automatic watering of plants and for also providing correct amount of water based on soil water sensor.



3. **Abhinav Balaji Shankar, 8B** for his innovative technology-based project - **Gesture Control Laptop** based on the concept of ultrasonic sensors.



The following students were also given special mention for their projects:

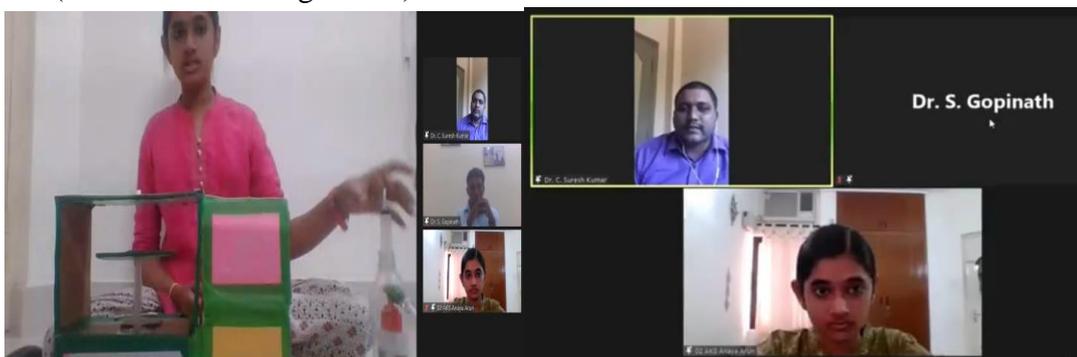
- a) **Gowtham Vasanth 7A** – Smart Assistive Device for the Visually Impaired (technology-based project)



- b) Iniya Chandrasekar and Nirnanjan Shyam 7D – pH indicator for the colour blind (Chemistry experimental project)



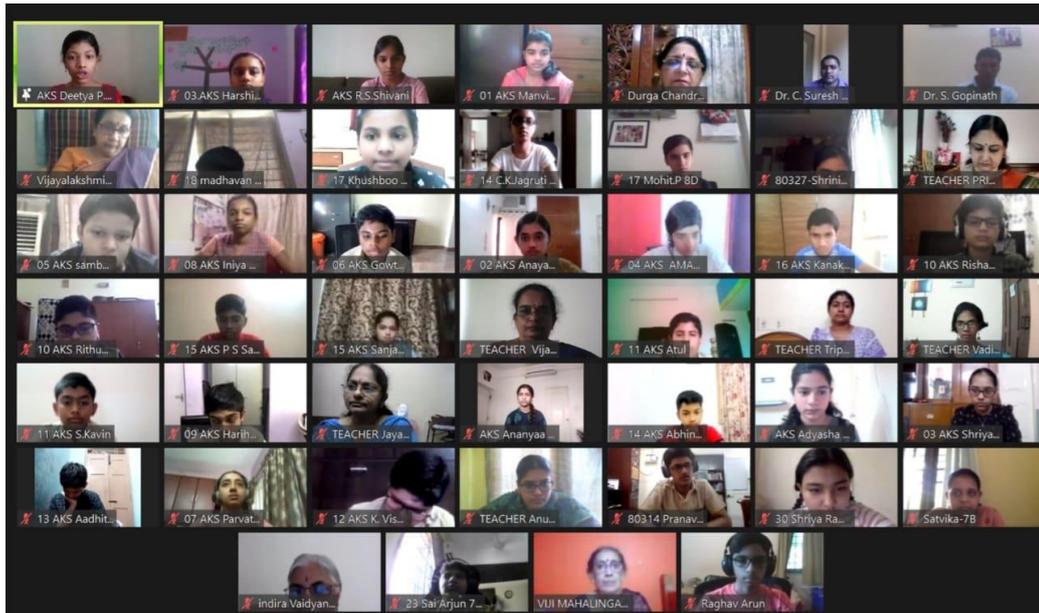
- c) Anaya Arun 6C – Hand Sanitizer Dispenser based on hydraulic pressure (innovative working model)



The judges appreciated the management for providing a wonderful opportunity to the students to showcase their innovation and creativity. They commended the high level of confidence of the students both in their project presentations as well as in answering their questions. While congratulating all the participants, Vice Principal Mrs Durga Chandrasekar thanked the parents for their constant support and in helping students to procure materials for the projects.

Academic Mentor, Mrs. Vijayalakshmi Srivatsan spoke about how science and technology are the need of the hour and that students should look at problems around them and come up with innovative solutions. Mrs. S. Vasanthi, Principal, PSBB Nungambakkam appreciated the students for their efforts.

This event truly kindled the scientific temper of all students and was an enriching learning experience for those who attended it.



Participants with judges, heads of PSBB group of schools and science teachers

IVY SCRIBES – Media Club

PSBB T. Nagar