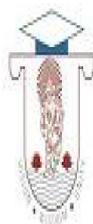




AVIT
AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY



VINAYAKA MISSION'S
RESEARCH FOUNDATION
(Deemed to be University under section 3 of the UGC Act 1956)



Accredited by NAAC



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A Report On National Science Day-2021

The National Science Day is a very special occasion celebrated every year in our Institution AVIT. This time it was much more special as it was organised on a *Virtual Platform ZOOM* including all the events conducted for the students organized by the Coordinators *Dr. R. Nagalakshmi and Dr. K. Sanghamitra*, Chemistry Division, Physical Sciences, Dept. of H & S.

The program started at 9.30 am on 17th March, 2021 with the prayer song followed by the welcome address delivered by *Dr. Jennifer G. Joseph*, HOD of the department of H & S who has addressed the Chief Guest *Dr. M. Manivel Raja, Scientist, Defence Metallurgical Laboratory, Hyderabad*, the participants of the various events of the National Science Day and the rest of the audience. An inaugural address was delivered by the *Dr. S. P. Sangeetha*, Vice Principal (Academics) who has highlighted the significance of the Science Day. A keynote address was delivered by the Principal *Dr. K. L Shanmuganathan* emphasizing the theme of the National Science Day-2021 and the Raman Effect discovered by our Great Indian Scientist Dr. C. V. Raman who is honoured by celebrating this event. A small briefing session on the various events conducted for the students and their enthusiastic participation was shared by the coordinator of the event *Dr. K. Sanghamitra*. The Chief Guest *Dr. M. Manivel Raja, Scientist, Defence Metallurgical Laboratory, Hyderabad* was introduced by *Prof. Dr. R. N. Viswanath*, Physics Division, Centre for Nanotechnology Research after which an invited talk was delivered by the Chief Guest.

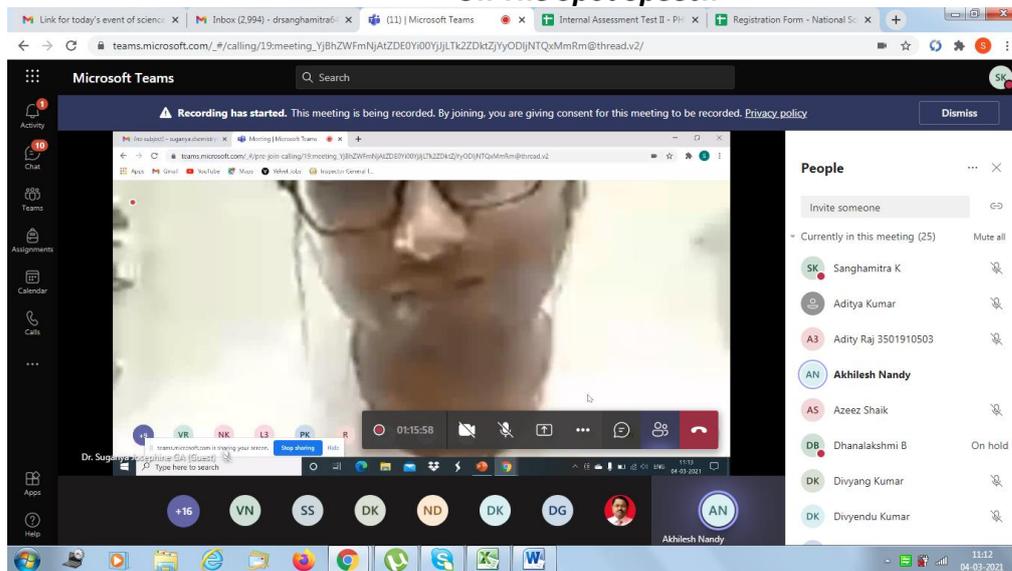
Dr. Manivel Raja, Scientist from DMRL, Hyderabad the Chief Guest of the National Science Day-2021 has delivered an invited talk on "*Advanced Sensors and Actuators for Industrial Applications*". A complete insight on the topic was provided with excellent diagrammatic representations, pictures and graphs explaining the various aspects and applications of the advanced sensors and actuators. The chief guest has enlightened us by sharing his knowledge and expertise in the field of sensors and actuators.

The next session was followed by the videos and powerpoint presentation of the various events related to Science and Technology organized for the four years students(I-IV year) during 4th- 16th March, 2021. The following events were conducted to motivate and improve their skills, creativity and knowledge.

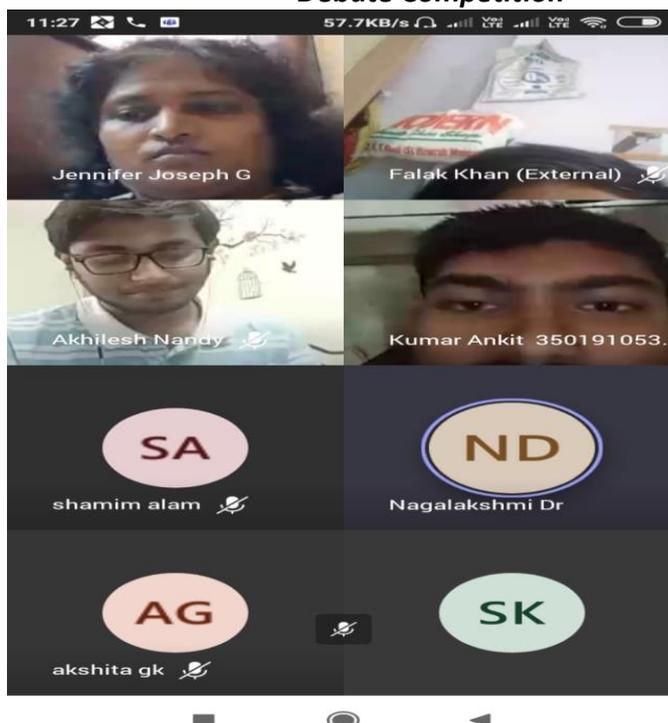
- On the spot speech to improve their communication skills
- Debate Competition to improve their knowledge on science and technology
- Quiz to improve their memory power, thinking abilities and sharpen their brains

- Poster Presentation in order to bring out their ideas in the form of art, drawings or sketches and motivate their hobbies in painting etc.
- Photography on science and technology was conducted to enhance their skills in capturing pictures that can help them improve their ideas of invention.
- Business Idea was conducted to motivate our students towards entrepreneurship by way of identifying a problem and a solution for it with a good market value.
- Making of Working Science Models the most important event conducted which is a great motivational platform for students to share their innovative ideas by way of presenting their experiments/ projects/ inventions with an immediate feedback that can enhance their creativity and improve their confidence levels.

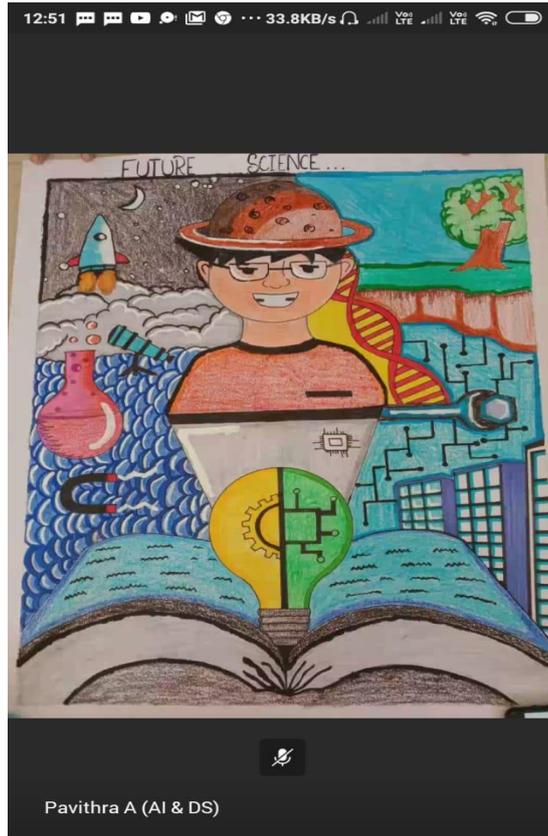
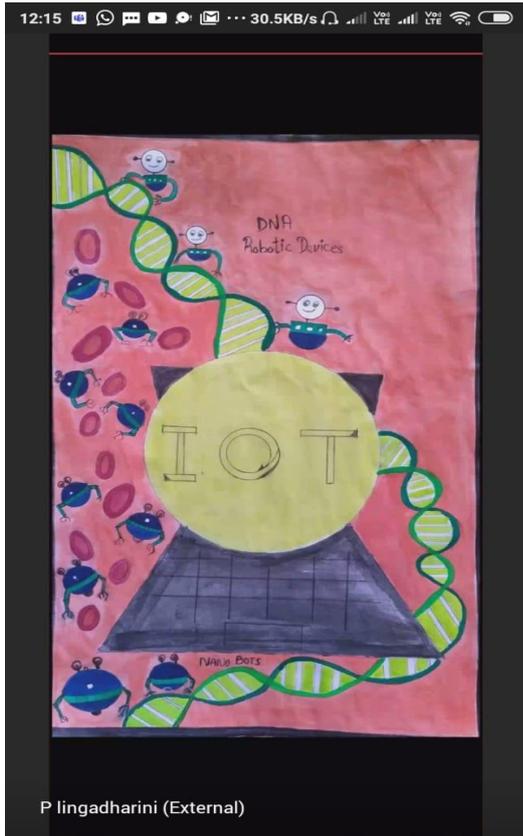
On The Spot Speech



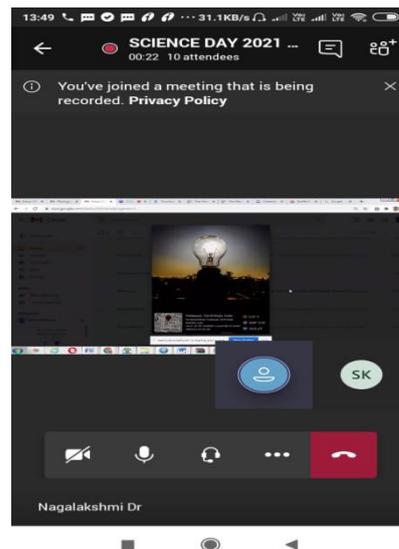
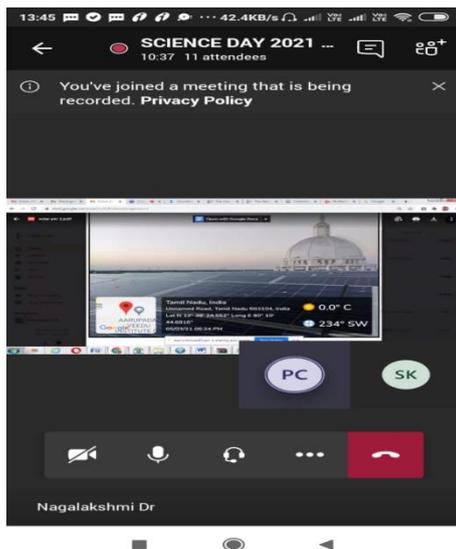
Debate Competition



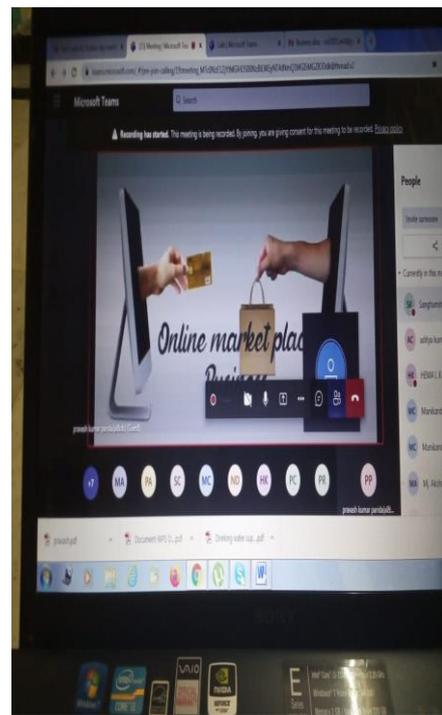
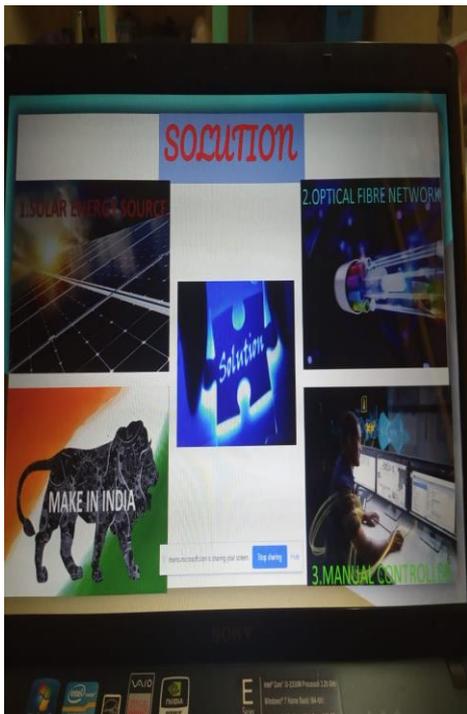
Poster Presentation



Photography



Business Idea



Working Science Models



**A
V
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T**



**science model presentation
16-03-2021**

A Visit by Principal and Vice Principal (Academics)



Explanation to the Judges



Our students participation and their excellent presentation of the working science models was very much appreciated by our Principal, Vice Principal (Academics) and the

Heads of all Departments who acted as Judges. The enthusiasm and interest of all the students of I, II, III and IV year played a vital role in conducting the program successfully.

The next session was the Valedictory during which our student participants have given a very positive feedback about the overall program and have expressed their happiness, how inspiring and motivational it was and that they have experienced new and exciting moments and conveyed their thirst to participate in some more programs of this kind. The winners of the events were announced and the students were congratulated for their interest and participation on a virtual platform and for giving their best performance.

The program concluded with the vote of thanks proposed by the coordinator of the event *Dr. R. Nagalakshmi* to the management, administration, HOD-H & S, the team of physical sciences, students, web admin and others for providing us this opportunity to conduct the program and for their fullest cooperation and finally the program ended with the National Anthem.