

DDMS (AMS) P.OBUL REDDY PUBLIC SCHOOL

REPORT ON IIT KHARAGPUR YOUNG INNOVATORS PROGRAM

The third edition of Young Innovators Program witnessed enthusiastic participation from students who brought in ideas on different themes. IIT KHARAGPUR, which hosted the international science and technology competition witnessed a participation of close to 2500 students in class VIII-X in the 1st and 2nd rounds(which were online) from an initial outreach of more than 4500 schools globally. Apart from various regions in India, students from Singapore, Indonesia, Malaysia, UAE, Saudi Arabia participated in the event. The grand finale of YIP was held at the IIT Kharagpur campus over three days ending on November 10.

Our team **PORPS-5** was selected for the grand finale and was invited along with other 32 teams for presenting their idea at IIT Kharagpur. Three students, **Abhiram Chandra**, **Srivatsa Rao** and **Y.Siddhartha** were part of the team accompanied by their teacher, Mrs. Triveni Kodidasu. Their project “**Reducing Carbon Dioxide – An Attempt**”, aimed towards reducing the emissions of carbon dioxide into the atmosphere which is a major contributor to global warming (greenhouse effect) and also pollution. The team designed a filter to let the carbon dioxide pass through it and react with the calcium hydroxide and the result of the reaction will be calcium carbonate which is a very useful substance.



The competition was held for 3 days from 8th November to 10th November .On the first day, the teams were welcomed with a tour of the campus. First, they took them to a lab called the DIY lab (DO ITYOURSELF Lab), which was basically where the first-year students could try out new models and experiments. It was also where they did the 3D printing of structures and certain parts required for prototypes. . The visits to the physics and chemistry lab was quite knowledgeable and informative . On the second day, the team got an opportunity to present their ideas in front of distinguished researchers and guests and received great inputs from them. Out of the 33 teams,6 teams were selected to show their presentations for the final day. Though our children could not make to the top 6, it was an experience for a lifetime.

