

Young Satyan Scientists



It is a matter of immense pride, that two science projects from our school have been selected for **Global Young Scientists Challenge -International Indian Innovation Fair-2018**. We had to compete at district, state and national levels of National Children's Science Congress, which is organized by Department of Science and Technology, Government of India. After successfully qualifying for the National level, our project has been nominated for this prestigious event. The event is organized by Indian Innovators Association, a member of International Federation of Innovators' Association (IFIA). The event will be held on 8th and 9th September,2018, at Silver Oaks International School, Vishakhapatnam and students from over 30 South East Asian countries will take part in the event.

Our junior team made a "**Cheap Compression Cooler**", a substitute to the conventional Air Conditioners. We proposed an alternative to provide ambient temperature inside houses to stay cool in harsh summer conditions at one tenth of the cost of an AC . To keep minimal cost for such alternative, our project is made up of waste material such as plastic bottles and cardboard thereby recycling waste as well as reducing carbon footprint levels. The team comprised of **Kriti Garg, Harmangeet Kaur Janeja, Gurleen Kaur, Aditya Veer Singh and Aiman Jain of class IX**

The senior team on the other hand proposed a unique way of water treatment, using plants. Our project "**Phytoremediation-A Sustainable Way of Water Treatment**", proposed the use of roots of *Canna* plant for water treatment. The main aim of the project is to make clean water available to every citizen of our country and that too at the minimal cost. The team comprised of **Suhaavi Kaur, Ishaan Bajaj, Piyush Aggarwal, Pranav Fatehpuria and Mahineer Ghosh of class X.**

The guide teachers for the projects were **Ms. Jasmit Janeja and Ms. Savita Tatarwal**