

# Intel International Science & Engineering Fair

## Award winning Sri Lankan School Science Project at USA Science Fair !!

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Sri Lankan students had been participating in this competition over the past 10 years, but this was the first time that such a victory had been achieved by our country. In addition to the grand award, Shehan and Sankalpa were also awarded the 'Mawhiba's special award for their experiment. Sankalpa and Shehan sat for the G.C.E. A1 examination last year. They were able to manage time between studies and their experiments due to encouragement they got from their school teachers.

ShehanKavishka and SankalpaPerera competed at the Science Research Project Competition (SRCP) 2016 held from 17-19 January 2017 in Colombo and their Science Project (Micro and nano engineering for wastewater:

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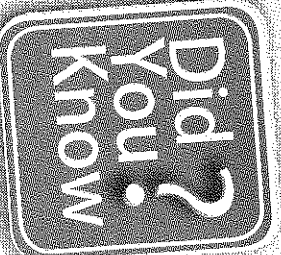
Shehan Kavishka

Sankalpa Perera

Science and Engineering Fair 2017 held in Colombo on 09 February 2017. Their project won the second place at the above competition and then, they were eligible to participate at the ISEF 2017 in Los Angeles. During the recent past, the SRPC was highly improved by introducing several progressive steps by NSF with an objective of creating international winners. Introducing Principal Supervisors / Supervisors for science projects was significant there. Dr.Meththika Vithanage was appointed as the

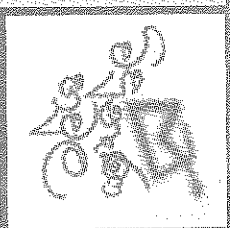
Principal Supervisor of this project by Dr. Meththika Vithanage, senior research fellow of the National Institute of Fundamental Studies, Kandy who working as a Senior Lecturer of University of Sri Jayawardenepurapura. They were highly improved throughout the competition as the principle supervisor and provided students with the lab facilities and accommodation. She did an excellence job by supervising students and they would not had been able to achieve all of this if not for her help and guidance.

**Pradeep Piyathilaka,**  
National Institute of Fundamental Studies  
Kandy.



A natural diamond on one's ring might be shiny on the outside but their origin story is not that pretty. They are formed within the inner parts of earth under immense pressure and high temperature over millions of years. But do you know that scientists can also convert a piece of graphite into a diamond within a lab by mimicking the conditions that mother nature

provided? This is possible because the building block of both graphite and diamonds is a carbon atom. Isn't it amazing how changing the arrangement of atoms transforms a cheap mineral into an expensive one?



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