



Report on “Envirothon” –Working Models Exhibition 2017

Date	:	November 23, 2017
Venue	:	Bal Bharti Public School, GRH Marg, New Delhi
Conducted By	:	NPSC in collaboration with UNIC
No of Participants	:	3 Students of Class XI
Name of Participants	:	Sanyam Jain, Shyna Sharma, Upali Upasana Giri

Innovation is the result of needs and science exhibition is a perfect place for young talents to showcase their ideas.

The Science Exhibition , ‘**Envirothon –Working Models Exhibition 2017**’ ,a part of the NPSC – UNIC Collaboration on the topic ‘**Mitigation of Air Pollution in Delhi**’ under the theme , ‘**Change Climate Change**’ ,was conducted on 23rd November 2017 at Bal Bharti Public School. The theme emphasized on creating alternatives for prevention of air pollution in Delhi. The competition consisted of two rounds of judgments by the eminent judges, on the bases of practicality, relevance and presentation.

Students of ITL Public School enthusiastically participated and showcased their ideas and innovation by making a *ground heat exchanger* named **ECO-A/C**. This uses the Earth's near constant subterranean temperature to warm or cool air for residential uses. In the context of today's diminishing fossil fuel reserves, increasing electrical costs, air pollution and global warming, properly designed earth tubes offer a sustainable alternative to reduce or eliminate the need for conventional compressor-based air conditioning systems, in non-tropical climates.

The project was highly appreciated and was suggested to build it on a large scale. The exhibition motivated the students to use their scientific aptitude towards the wellness of the society.