



### **ITL AMONG THE COVETED BEST 10 EXHIBITS**

ITL bagged a coveted position among the best **10** exhibits (under **NPSC-UNIC COLLABORATION**) from all over Delhi and NCR region for the project **“Miniature Aquaponics System”** based on theme **“Innovations in renewable resources for sustainability and Pollution control”** in **“Envirothon- Working Model Making and Science Experiments Exhibition 2016”** held at Bal Bharati Public School GRH Marg on 23 November 2016 on **“Topic – Change Climate Change”**. Prepared and presented by Kartik Pourush, Tushar Sharma and Varun Dhankhar of Class XI, the project was screened by a panel of eminent judges. The criteria for judgment included-practicality, relevance and presentation.

Aquaponics (an interdisciplinary project) is a farming method which consists of growing herbs/plants and at the same time performing Pisciculture. The procedure involves a setting up of the grow bed (using the soil substitute Hydrotol) on top of an aquarium. It aids in agriculture and combats all sorts of pollution at the same time. Instead of the conventional method of agriculture, this innovative method can be adopted which does not depend on the fertilizers and pesticides. It is a complete eco-friendly method. This system can be placed in houses with indoor plants to purify air. Plants are able to maintain the oxygen to carbon-dioxide ratio very efficiently, and are thereby able to reduce the carbon footprint from other sources.

Ms. Sudha Acharya, Principal, ITL Public School, congratulated the students for their immense knowledge and critically thought scientific endeavour.