

Students present innovative models

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brain child: Basavaraj Malagar and Mallesh Malagar of Government Primary High School, Honawad, Vijavapura. ex... Read More

automation, agriculture and other topics. Smart dustbin, natural mosquito repellents, smart irrigation, future elevated ambulance and bricks made from waste were some of the models that drew the attention of visitors.

The three-day event has been organised by Agastya International Foundation and other agencies at Deshpande Foundation's new building on Airport Road.

Basavaraj Malagar and Mallesh Malagar of Government Primary High School, Honawad, has developed a model in which steam from a pressure cooker is used to charge a mobile phone. Malagar and his team mates have connected a pipe to the nozzle of the cooker to send steam to a turbine. Whenever steam passes through the turbine, it generates electricity, which is then stored in a battery. He said the model would be useful for villagers as they experience frequent power cuts.

Vibhav Dixit, a 6th standard student has developed a smart irrigation project, an auto irrigation system which measures the moisture of soil and automatically switches a water supply system on or off. "Once installed, the project requires less human intervention. A properly configured soil moisture sensor can save up to 60 percent of water used in irrigation," he said.

Akshay and Bhagya, from TSWRS School Nizamabad, Telangana have developed natural mosquito repellent using neem oil, coconut oil and camphor. Bhagya said she heated neem oil and coconut oil and later added camphor to it. It was then filled in a conventional mosquito repellent bottle to be used in the electric device.



Multipurpose farm equipment, planned city models, solar mobile charger, intelligent switch, waste treatment models were other attractions at the event.

Additional commissioner for public instruction, Dharwad, Siddalingayya Hiremath inaugurated the event. He urged students to make use of the opportunities in the field of biotechnology and nano technology. Deshpande Foundation's founder

Gururaj Deshpande said science and technology play an important role in shaping the life of students. He called upon students to love science and enjoy its beauty.