



THE TIMES OF INDIA

INCLUDES 4 PAGES OF MANGALORE TIMES* (IN MANGALURU, MANIPAL AND UDUPI CITY AREAS ONLY)

SUJOY GHOSH QUILTS IFFI JURY AS T&B MINISTRY PULLS OUT TWO FILMS 12

JUSTICE DEPT MULLS SPL PROSECUTOR TO PROBE CLINTON FOUNDATION 17

RAVI SHASTRI EXTENDS SUPPORT DHONI, SAYS 'LOOK AT YOUR CARE BEFORE COMMENTING ON HIM' 21

Wannabe scientists come out with big bang ideas

TIMES NEWS NETWORK

Mangaluru: What do you get adding a broken yet working mosquito bat, a plastic bottle cut in to a funnel shape, little bit of spirit and motor ignition principles? A big bang enough to scare away predators! Can fuels be generated using waste? Does your waste bin tell you it is full and time to be emptied? Will the ubiquitous wires be replaced by a specially formulated paint in the future? There was this and much more on offer at Sahyadri Science Talent Hunt (SSTH) 2017.

TALENT HUNT

These were just a sample of the 250 plus projects that more than 1,400 students from nearly 70 educational institutions from Dakshina Kannada, Udupi and Shivamogga brought to the table at fourth edition of SSTH organized by the Sahyadri College of Engineering and Management.

Students from Yenepoya PU College – Hafeeza, Aysha Hiba, Fathima Famnaz developed a model which they said can extract fossil fuels – namely petrol, diesel and gas. Farmer's swat developed by students of Expert PU College made from waste material including a working mosquito bat packed quite a bang to leave everyone in their rooms duck for cover when they demonstrated it for the first time.

The team of evaluators were quite happy to try it out for themselves.

Their college mates – Nathan Tauro, Karan Shetty, Vignesh Kamath and Vaibhav Shetty have developed a



Pics: Jaldeep Shenoy

INNOVATIONS:

Students with the water filter they have invented. (Right) The team from Expert PU College that has developed a devise that can scare predators at an exhibition at Adyar



unique paint that acts as a conductor. Dubbing their product- electrifying paint, the students assert it has the potential to be used as a security system on the country's borders. Laser security alarm, guide bot, water alarm, helmet security, writing machine, electric ignition gun, wall garden with automatic watering systems were some of the other ideas.

Sahyadri College offered seed money of Rs 500 to Rs 1,000 for high school students and Rs 1,000 to Rs 2,000 for PUC students to develop their project. The aim of the event, Manjunath Bhandary, chairman of Sahyadri institutions, said is to provide a platform for exhibiting and sharing their ideas with pe-

ers and allowing students to redefine education process through experiential learning. The seed funding is to help them execute their ideas better, he said.

SSTH did not end with students exhibiting their models. They had the opportunity to interact with first year students of the college whose models won them laurels at the national-level competitions organized by IITs, NITs and premier institutions. The students also interacted with S N Omkar, chief research scientist in department of aerospace at IISc, Bengaluru, Vijay H Desai, professor at NITK and M V Subramanian, MD of a premier IT staffing and software company.



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Call for Concept Proposal on Organ Regeneration Department of Biotechnology Ministry of Science & Technology, Government of India

Tissue engineering has become an established protocol for the bioengineering of living tissues using engineered scaffolds to simulate the ECM so that cells can populate the scaffold and allow for tissue regeneration. The success of tissue engineering methods has now generated strong interest in the next level of whole organ development wherein the tools of tissue engineering are integrated with engineering and process technologies, molecular biology and developmental biology to generate working organs that can have sufficient survivability to either serve as a bridge to transplant or as a replacement organ itself. This effort is a significantly multidisciplinary and ideally multi-institutional effort that brings together various complementary expertise in a mission mode with the specific goal of translating the results to clinical trials. Department of Biotechnology is thus inviting for such multi-institutional and multi-disciplinary concept proposals. A minimum of 3 Institutes should be involved as a team. At least one of the institutions must be a medical institution and at least one of the PIs must be a clinician. The following are candidate organs for development, although the teams may propose some other organ, provided there is a clear credible evidence for such a choice.

- Heart
- Liver
- Pancreas
- Skin
- Bone integrated with muscle, tendon and marrow
- Whole tooth
- Eye

Format

The format for Concept Proposal submission is available in DBT website at following link:
<http://www.dbtindia.nic.in/funding-mechanism/call/>

Last Date of Concept Proposal Submission:
26th December, 2017

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