

Fevicol Science Project Challenge 2013 winners announced

Bosco Public School, Delhi and Bhavans B.P. School, Nagpur bag the title in Senior and Junior Category

~ Winners to get all-expenses paid trip to a foreign destination ~

Mumbai, April 23, 2014: Fevicol, one of the largest selling brands of adhesives in Asia from the house of Pidilite Industries Limited, today announced the winners of the grand finale of **Fevicol Science Project Challenge 2013** held in Mumbai at Hotel Sofitel. Bhavans B.P. School, Nagpur bagged the prize in junior category for their project on 'Smart Housing' whereas Bosco Public School, Delhi won the competition in senior category for their project on '*Society with future sources of energy*'. Four teams each for junior and senior categories qualified to the grand finale of FSPC. This year over 1968 schools and 714250 students participated from across the country. Out of this, over 1555 schools advanced to the second stage and made 3D models of the projects. The finalists were chosen from around 32600 models made by these students. This contest was for the students from standard 5 to 10 and was open to all schools in India.

Fevicol Science project Challenge is a quest to nurture the next generation of scientists and thinkers. This contest encouraged students to think about topics that are related to their everyday life, futuristic concepts and make 3D models of their interpretations of the impromptu subject/ topic that was given to them on the first day of the finals. The 3D modeling is to promote the "Learning by doing" attitude so that the young minds understand the theory as well as the actual working of the concepts. Therefore, this contest provides the students an opportunity to challenge their own creativity and convert class room learning into workable concepts and models.

Mr. Rahul Sinha, President- Sales & Marketing - CPASF, Pidilite Industries Limited, Mumbai said "The national final was a great success and it witnessed the competitive and creative side of the kids. Projects and models make a subject like Science fun and creative, and Fevicol has been associated with such projects for a long time now. Through Science project challenge we want students to Dream, Imagine, Observe and Create. All the projects displayed in finals were commendable. I congratulate the winners and wish them good luck for future."

The challenge began in mid August 2013 for the children in 5-10th standard. The first round was judged in the school itself by the principals and teachers. Schools uploaded the pictures of the winning projects on the company website along with a brief on chosen topic, principles and working of the 3D model. Further, these projects were reviewed by expert panel who chose 4 projects each from junior team (standard 5th to 7th) and 4 projects from senior team (8th to 10th Standard). The judges for the finale were Mr. S P Pathak – Senior Curator, Nehru Science Center, Mumbai, Mr. Arnab Chatterjee – Curator Nehru Science Centre, Mumbai and Chief Guest, Mr. Shivaprasad Khened-Director Nehru Science Center Mumbai.

Ms. Poonam Bhumbee from Bosco Public School, senior category, while expressing her feeling said, “We are delighted and proud to have won this challenge. It was truly a learning experience for us as we had an opportunity to study and research on ‘*Society with future sources of energy*’. Our project aimed at using renewable sources of energy such as wind mills, solar panels, dynamos, gym machines to produce electricity (*brief on project*). We look forward to participating next year also.”

Mr. Ganesh Nanotkar from Bhavans B.P. School, Junior Category, said, “It’s a dream come true for us. This is big moment for us. We thank Fevicol for giving this platform. We could explore the given subject a lot more. We developed on the idea of smart housing societies using concept of wind turbines, biogas plants, solar energy and water wells (*brief on project*).

The winners were awarded with trophies and will receive grand prize of all-expenses paid 3 night 4 days stay in Singapore. All finalists were awarded tabs as a consolation prize and a certificate.

About Fevicol:

Fevicol is the leading brand of adhesives in Asia known for its bonding strength and quality. An extensive range of consumer, craftsmen, engineering and industrial adhesives are available in the market under the brand names of Fevicol MR and Fevicol SH.

Fevicol MR is a leading white adhesive which is used in Art & Craft and is widely used by students, craftsmen and artists alike. It is popularly used for bonding paper, cardboard, cloth, canvas, etc. Fevicol SH has variants like Fevicol Marine and Fevicol Speedx. Wall finish and wood finish products are also included in FV division product range.

About Pidilite:

Since its inception in 1959, Pidilite Industries has been the pioneer and market leader in adhesives and sealants, construction chemicals, craftsmen products, DIY (Do-It-Yourself) products and polymer emulsions in India. Our product range also includes paint chemicals, automotive chemicals, art materials and stationary, fabric care, maintenance chemicals, industrial adhesives, industrial and textile resins and organic pigments & preparations. Most of the products have been developed through strong in-house R&D. Our brand name Fevicol has become synonymous with adhesives to millions in India and is ranked amongst the most trusted brands in the country. Some of our other major brands are M Seal, FeviKwik, Fevistik, Roff, Dr. Fixit, Sargent Arts, Hobby Ideas, Motomax and Cyclo.

Energy saving home design gets prize for Bhavan's kids

Payal Gwalani | TNN

Nagpur: There have been ideas about villages or cities becoming self-sufficient in terms of their energy requirement. Imagine a house or a building, made on the same concept, which makes use of every possible way of harnessing alternative energy. This is the concept that helped three city students win a national science contest.

Sixth standard students of Bhavan's B P Vidya Mandir Varanyam Joshi, Bhavesh Kawade and Atharva Tekam under the guidance of their arts teacher Ganesh Nanotkar won the junior category of Fevicol Science Project Challenge 2013 held recently. Around 2000 schools from across the country participated in the competition that aims to nurture the next generation of scientists and thinkers by making them solve day-to-day problems. The challenge before them was to make a smart house. They decided to include energy and water conservation in their design.

"The theme we had in mind before going to the competition was water harvesting and conservation. Just

two days before the final competition we were given a specific topic. After several discussions and redesigning sessions, we thought of a house in which all elements of weather could be utilized for generating energy, irrespective of the season," informed Nanotkar.

Having discussed and discarded many ideas, the team finally came up with an oval-shaped building with galleries on all floors having walls fitted with solar panels.

These movable panels also doubled up as turbines that would help harness wind energy on particularly windy days. The idea of water conservation led to inclusion of a rain water harvesting system in the house. Several other features like biogas, vermicompost and a kitchen garden completed this self-sufficient home. Through all these measures, creating as well as conserving various forms of energy was taken into account.

DREAM HOME

UNDER ONE ROOF

- ▶ Utilizes all features of local or seasonal weather to generate or conserve energy
- ▶ Oval shaped-structure to provide wind support
- ▶ Self-sufficient building that produces all energy that it needs
- ▶ Galleries with walls covered with solar panels that doubled up as wind turbines



Varanyam Joshi, Bhavesh Kawade and Atharva Tekam pose along with their award-winning model

WHAT IS SMART HOUSING

Architecturally speaking, a smart house is one that uses **energy most efficiently**, often having features that enable it to **conserve energy**. It usually depends a lot on **renewable and alternative sources of energy**. Alternately, it could also be a house where most functions are **automated**.