

Shiksha

Sanskar

Swavalamban



Shiksha Sopan

An Initiative of IIT Community for social upliftment

Reg. Office: 391, Nankari, IIT, Kanpur 208016

Newsletter November 2011

The month of October had been a month of festivals. Together with academic activities, Shiksha Sopan celebrated 2nd October, Dussehra and Deepavali. Sopan Vidyalaya conducted special cultural and academic activities while some centers conducted visit programmes. NTSE, PPYJ, Higher education Cell all actively persuaded their programmes. Here is a brief description of the activities in October 2011.

Gandhi-Shashtri Jayanti at Sopan Vidyalaya

2nd October was celebrated at Sopan Vidyalaya in a very impressive way. All children were well dressed and sat in a formation. The stage was simple but attractive. Portraits of Mahatma Gandhi, Shri Lal Bahadur Shastri and Bharat Mata were put up on a table with a clean table cloth. In the gallery we had Shiksha Sopan President Dr H C Verma, Secretary Shri Amit K Bajpai, EC Members Shri Ranjan Upadhyay, Shri Ashish Bhateja, Ms. Ashu Chaudhary, and Shri Nazir Hussain, Asst. Professor of Chemical Engg. Dr Pankaj Apte, our close associate Shri R P Varshney, and many more Sopan workers.

One of our very enthusiastic Sopan worker, Ms Seema, who had been our student at Sopan Evening center and now class 12 student, anchored the programme. The programme started with garlanding of the portraits on the dais by Dr H C Verma, Dr Apte and others. Groups after groups of tiny children presented songs having motivating chorus to work for the society. There were short speeches about the occasion by the children themselves.



The pick of the function was the display of several aspects of the life of Mahatma Gandhi by the children in the form of short skits, interspersed by short narration by a girl student. These included Gandhi Ji's appearance on National freedom struggle, his nation wide tours, his way of handling peasant problems in Champaran, his insistence on cleanliness, doing all kind of work himself with perfection and others aspects. 🎤

This entire skit was in English and all were amazed to see that in this long span, the language was so fluent, simple and flawless. It was a great experience to see Sopan Vidyalaya children giving a public show in mistake less English.



A child receiving school bag from Raanjan Ji



The dedicated team, Sopan Vidyalaya teachers



Children and Guests on 2nd Oct function

All students were given school bags, drawing books and other gifts. Shri Deepak Pal, a B.Com student, Sopan Vidyalaya teacher and a very dedicated Sopan worker, conducted this part of the function. Children were very happy to receive the gifts.

Special geometry class

Special geometry class was organized on 14th October for children of classes 5-8 of Sopan Vidyalaya. Shri Deepak Pal was the main brain behind it. In this concepts of acute, right and obtuse angles, triangles, squares and polygons etc were introduced using models made with match sticks and rubber tubings. All children themselves made the models and learned geometry with entertainment.



Special craft session

In a special session on crafts, led by Ms Seema Verma, children learned to make decorative Pen Stands. The raw material was hard sheet (Gatta), coloured paper, and small mirrors, beads etc. The stands were really beautiful and were given as gift to several EC members. There is a plan to makes hundreds of such stands and gift to IITK faculty members on the occasion of Youth day 2012.



FAT PAP SAM (Fun And Thrill Packed Activity Program in Science and Mathematics)

Science Cell of Shiksha Sopan had earlier developed FAT PAP SAM at middle school level. This 5-hour Science/Math programme was given to several groups of students from different schools of kanpur. Now Shiksha Sopan developed a 5-hr FAT PAP SAM at high school level. On 15th October we gave this programme to 50 class-10 students of Maharana Pratap Education Center. 🍌

There were several items in the programme designed to give the students taste of doing science and inviting their imagination. Some of the items were:

(a) Periodic Table game: This game was designed by Sopan team. It uses a magnetic board, a periodic table empty template and element cards with magnets fixed to them. Various rounds were designed where the students had to put right element in right place. Students not only enjoyed playing the game and competing with others, they also appreciated that their understanding of periodic table and electronic configuration was greatly enhanced. Shri Deepak Agnihotri conducted this game.

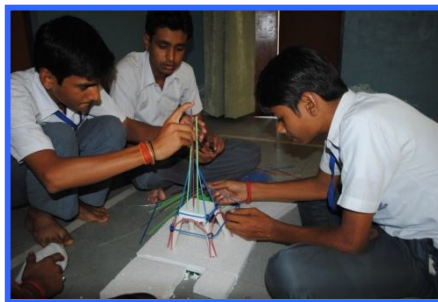
(b) Binary Number quiz: Binary numbers were introduced and conversion between binary and decimal system was explained. Then the quiz several rounds with simple mathematical word problems but all numbers to be told in binary. For example the right answer to the question "How many eyes you have " will be 1,0. This also was a great fun and a good education. Shri Amit K Bajpai conducted this quiz.

(c) Expt. quiz in electricity: This had some estimates of resistances of different wires of different length, areas and materials, and colour coding of resistance. These activities were also in a quiz mode which children enjoyed. Shri Deepak Mishra conducted this quiz.

(d) Expt. DEMO: Sh Jaiprakash of Anveshika gave demo of some simple experiments on floating. Confusions like loss in weight, downward force by the liquid on the dipped solid etc were discussed in interactive mode.

(e) Video Study material: Shiksha Sopan workers are also involved in an IITK project on making Video study materials for school project. One of the 30-minute videos on Basic Concepts of Force was screened in FAT PAP SAM and there feedback was recorded.

(d) Making of structures: This was the most exciting part of the FAT PAP SAM. Students were divided in groups of 4 and each group was given 20 bicycle spokes, 20 straws, 20 short magnets, a thermocoal base and few pieces of PVC pipe on demand. With these, they were asked to make any structure they can imagine. The joints were to be made by sticking spokes to a magnet. Initially children were at a complete loss. But once they started thinking they came out with excellent structures.



From Centers

Barasirohi evening Center had good attendance (average 60) this month. Space is limited but our volunteers managed the show in a ice manner. Teaching, games, stories etc went well organized. On 9th October, Children from the center were taken on excursion to Shobhan. It is a nice Ashram with a famous temple. It runs several social project. children got exposure to these apart from enjoying the natural beauty. 🌟

Deepawali was celebrated jointly at Gahan Adhyayan Kendra. Variety of decorative Deepaks were lamped at the center.

Manaviya and Poonam of PPYJ went to Patna to represent their school in Kho-Kho and Deepika and Naresh went to Jodhpur for the same. The classes for PPYJ were held regularly despite Antaragni. Vinita Ji showed her commitment by giving these classes in her house during Antaragni days.

NTSE classes are running well. In October there were 19 classes and all 22 students recorded 100% attendance. They are given tests at regular intervals. Most of them are doing well in the tests. The classes will run till middle November as the 1st level exam will be on 20th Nov. We can think of continuing these classes beyond this examination to give them good training.

Higher Education Cell

Two of our active Sopan volunteers were given financial assistance in this month to continue their studies. Ms Vinita who is the coordinator of PPYJ, has joined MCA programme from IGNOU and was given Rs 8300 to meet her fee for the semester. Sh Manish from Barasirohi is a student of B A and was given Rs 3500 to deposit fee and buy books.

VNK Scholarsip

We are keeping regular contacts with children being given scholarship by visiting their families. One of the recipient of Dr V N Kulkarni scholarship, Kaushik Mishra has undergone a crisis as his father died suddenly and there is no earning member left in the family. His mother is also not educated to do a job. The scholarship has become more precious for continuation of his studies.

Other Informations

Web site : For more details please visit www.shiksha-sopan.org

How to donate : The cheques/draft for donations should be made in the name of "Shiksha Sopan" payable at Kanpur. Doners may kindly give their personal details such as name, postal address, email address, so that the receipt, updates etc. may be sent. One can also make online transfer to Shiksha Sopan account in State Bank of India, IITK branch in the Account 10426002488 in the name "Shiksha Sopan". People in US can use the link <http://indolink.com/iitk/> to donate through IIT Kanpur foundation using credit cards.

Email Contacts : hcoverma@iitk.ac.in, samkhan@iitk.ac.in, sopanbajpai@gmail.com

Postal Contact : *Dr Sameer Khandekar, Dept of Mech.Engg., IIT Kanpur 208016*
Dr H C Verma, Dept of Physics, IIT Kanpur, Kanpur 208016

Phone contacts : *Mr. Amit 9506611484, Mr. Ranjan 9236086966*

