

Shiksha

Sanskar

Swavalamban

Shiksha Sopan

An Initiative of IIT Community for social upliftment

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Newsletter November 2013



Shiksha Sopan wishes all of you a Happy and Prosperous Dipawali. In the month of October, Shiksha Sopan celebrated Gandhi ji and Shastri ji Jayanti at Sopan Anaupcharik Shikshan Kendra, Barasirohi and showed their gratitude towards them. Shiksha Sopan initiated a project CVRAMANS for improving Mathamatics education at primary school level. All centers are running well. Shiksha Sopan team members gave several workshops at different places to spread its effective teaching methodology for science education.

Shiksha Sopan Anaupcharik Shikshan Kendra (SASK)

Gandhi ji and Shastri ji Jayanti Celebration

Shiksha Sopan celebrated Gandhi ji and Shastri ji Jayanti on 2nd October, 2013 at Shiksha Sopan Anaupcharik Shikshan Kendra, Barasirohi. Chief guest of this program was Dr H C Verma. Our chief guest together with Mr Madan Vaijapurkar, Mr Ranjan Upadhyay and Mr Pradeep lighted the lamp and started the program. Dr H C Verma told the students about sacrifices of both legands Gandhi ji and Lal Bahadur Shastri ji. He also discussed about the meaning and usefulness of the slogan "Jai Jawaan Jai Kisaan"



All 80 children of the center, several IITK students, faculty members and Sopan volunteers attended the function. Children presented speeches on Mahatma Gandhi and Sh Lal Bahadur Shastri ji and also recited poems and sang patriotic songs. The whole program was anchored by Manno, a student of class 8. Mr Madan Vaijapurkar with some students of Shikshan Kendra named Aastha, Pragti and Swati sang a song "Allah tero naam, Eshwar tero naam". Anuradha, Preeti, Ekta and Roli, students of SAC evening center presented a song "Eshwar allah tero naam, Sabko sammati de bhagwaan". Mr Ranjan Upadhyay and Mr Anurag Pandey motivated the children to follow the path of Ahinsha.

IITK PhD students Ms Ashu, Ms Sindrella, Ms Parul, Ms Rashmi, Mr Ankur and Mr Dev were also present there and they blessed the children of Shiksha Sopan Anaupcharik Shikshan Kendra for their bright future.

Gifts to Sopan and Gifts from Sopan

IITK students who attended the function, had brought beautiful gifts for the children of Anaupcharik Shikshan Kendra. These gifts were very useful for the children and they became very happy.

Some of the students from this Shikshan Kendra gave some hand-made gifts to Dr H C Verma , Mr Ranjan Upadhyaya and Mr Madan Vaijapurkar for expressing their gratitude towards them.



Special Activity and Uniform Distribution

A special activity, Fine Arts Workshop was designed by Ms Seema Verma, Principal, SASK and an alumini of this Kendra named Shyamu from 8th to 11th October. In this activity children from class 6th to 8th made 150 paper bags and wrote on it "DO NOT USE POLYTHENE". By this the children got connected to our environment and helped users to do the same. These bags were exhibited in an International Conference at IITK and people liked it very much.



A uniform distribution program was done on 20th October at Sopan Shikshan Kendra. These uniforms were distributed for the students studying in class 3rd to class 8th. Mr Madan Vaijapurkar distributed the uniform to the children. Children became very happy getting these uniforms.

Sopan Exhibition in IITK Campus

The 17th International Heat Pipe Conference was held in the campus of IIT Kanpur during October 13th to 17th ,2013. The conference was organized by Dr Sameer Khandekar of Department of Mechanical Engineering. Shiksha Sopan was invited to put up a stall to show its social activities to the delegates. The things which were shown are given below:

Paper Bags

The paper bags made by the children of Shiksha Sopan Anaupcharik Shikshan Kendra under the Fine Art Workshop were a center of attraction at the stall. Apart from the fact that these were made by the children, the environment friendliness and the aesthetic aspect was greatly appreciated. The bags were quite sturdy and durable and had good string handle fixed with elates to for a strong and comfortable hold.



These bags were given as a free gift to all the participants of this conference who visited the stall.

Panchatantra Book

Panchatantra stories have been fascinating children since long time. It is a beautiful way to teach moral values through various situations of the animal world. Though we have been listening stories from the animal world, our mind was never shaken by the idea of making physics problems out of these fables, but Dr H C Verma made it possible. It was a novel idea to propagate our traditional stories and also learn Physics from it. By using five such stories

he has framed Physics numerical problems involving motion, energy, buoyancy, image formation, speed of sound and more such concepts. The stories used are:

1. The Hare and the Tortoise Race
2. The Thirsty Crow
3. The Clever Fox and the Crow
4. The Clever Crane and the Crab
5. The Lion and the Intelligent Hare

Magnetic Toy

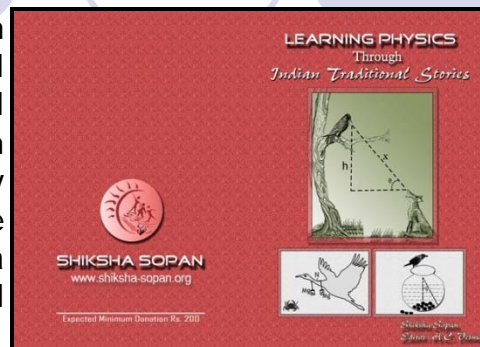
Magnets are fascinating objects for people of all age groups. Like poles repel and unlike poles attract. That is the first lesson that we learn about magnets, but with combination of magnets, you can create regions where another test magnet can stay in stable equilibrium. Taking idea from arvindguptatoys.com, Shiksha Sopan Science Cell made an attractive toy using a special configuration of the fields. The toy is given as gift to our selected guests who visit our centers.

Workshops at Different Places

At Kalpi, Jalaun

Shiksha Sopan members are making efforts for spreading its effective teaching methodology for science education. Dr H C Verma, President Shiksha Sopan, Mr Amit K Bajpai and Mr Deepak Mishra gave a workshop at Saraswati Vidya Mandir, Uccharat Madhyamic Vidyalaya, Kalpi on 6th October, 2013. Mr Amit K Bajpai and Mr Deepak Mishra showed a lot of science experiments and discussed about them. Dr H C Verma talked about the methodology of science

Teaching. He also discussed some physics experiments among all the teachers and this teaching methodology was appreciated by the teachers. This was a teacher's workshop and 35 teachers were present there. Ms Shashi Purwar, Lecturer in a Degree collage was the chief guest of this program. Mr Anurag Pandey along with Mr R S Srivastava, Principal Opportunity School and Mr Anil Gupat managed the whole program.



At New Tehri, Garhwal

Mr Amit K Bajpai, Secretary Shiksha Sopan and Mr Anurag Pandey gave a workshop at New Tehri, Garhwal on Development of Low Cost Scientific Experiments to inspire the enquiring spirit among students on 28th October. About 50 MSc students and 30 teachers were present there. Mr Anurag Pandey discussed about the atmospheric pressure by using a medical syringe. Mr Amit K Bajpai also presented many science experiments.



CVRAMANS project

Shiksha Sopan has taken up a project called "Creating Video Resources for developing Aptitudes in Mathematics and new inSight" This is focused on primary school Mathematics of UP Board. We feel that the present compartmentalization of the topics in five textbooks is putting up more pressure on the children, especially in the initial years and they are getting disconnected from mathematics. The idea is to make a single study material encompassing all the topics listed in class 1-5 syllabus. This can be used by teachers at different paces depending on the level of the audience students. The teaching schemes have to be very different and we will be creating video lectures to assist teachers to adopt the new methodology.

The project is proposed to the Outreach committee of IITK and we are likely to get some financial support from the committee.

Forthcoming Programmes

We have gotten a space in Type-1 Community Center for our Ambitious Library project. We will formally launch the Library at this venue on 14th November, Children's Day.

Other Informations

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

How to donate: *Shiksha Sopan*

(a) You can pay through credit/debit card by going to www.godparents.in, clicking "support a child" from the left top panel, selecting Shiksha Sopan from the "caretaking NGO" list at the bottom left of the page and then selecting a child from the list. Click on "Be my Godparent" below the photograph.

(b) You can write cheques/draft for donations in the name of "Shiksha Sopan" payable at Kanpur and send to the address given below.

(c) Online transfer can be made in State Bank of India, IITKanpur branch. Account No. **10426002488**, Account name "Shiksha Sopan", IFSC code **SBIN0001161**

(d). People in US can use the link <http://indolink.com/iitk/> to donate through IIT Kanpur foundation using credit cards.

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