

Shiksha

Sanskar

Swavalamban

# Shiksha Sopan

*An Initiative of IIT Community for social upliftment*

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**Newsletter August 2014**



In the month of July, after summer holidays, various programmes of Shiksha Sopan started with full vigour. Shiksha Sopan Anaupcharik Shikshan Kendra and Evening centers too are being reorganized with new programmes. Science Cell is actively involved in organizing various workshops. One Day Interaction program with recipients of Dr V N Kulkarni Merit Scholarship was organized in this month and Final selection of recipients of this scholarship program from the 2014 tests was also done .

## **Dr V N Kulkarni Merit Scholarship**

### **One Day Interaction program**

Shiksha Sopan organized a One Day Interaction program on 29<sup>th</sup> July, 2014 (Tuesday) for the recipient children of Dr V N Kulkarni Merit Scholarship Program at Old SAC. With the support from our donors, we are giving scholarships to 36 children. The interaction program was to develop bonding among the recipients and to monitor their academic progress. The recipients were called at IITK and we had a day long activity-fun-interaction with them. There was a special slot from 11 am to 12 noon where the children interacted with the IIT community.



Inauguration started with lighting the lamp by Dr H C Verma, Professor Physics Department, IIT Kanpur, Mr Amit Kumar Bajpai, Treasurer Shiksha Sopan, Mr Madan Vaijapurkar and Mr D S Bhadauria. A small introduction of Shiksha Sopan was given by Dr Verma. Dr Anurag Tripathi, Assistant Professor, Chemical Engineering department, IIT Kanpur, Mr Bharat Bhushan Deshmukh and Mr Devanand Pathak were present in the interaction session.

Science team gave session on science activities, science demos and puzzles. Scholarships were distributed by Mr Anurag Pandey to previous year batch. A session on Games was taken by Mr Amit k Bajpai and Mr Ashish Bhateja. In the final session everyone blessed the children for their bright future.

## **Final Selection of 2014 batch**

After the selection of 39 students in written exam of Dr V N Kulkarni Merit Scholarship 2014, we requested Mr Bharat Bhushan Deshmukh and Mr D S Bhadauria to conduct the economical survey of these thirty nine selected students. They went to children's residence and talked with their family members and assessed their economical status. On the basis of their observation, they made the survey report.

Based on the survey report, the sub-committee of Dr V N Kulkarni Merit Scholarship with some EC members, selected sixteen students out of the thirty nine. The following students are finally selected to get the scholarship.

<b>Group</b>	<b>Selected Student's Name</b>
Class 5 <sup>th</sup>	1. Aditya Pal, 2. Aayushi, 3. Pranshu gautam, 4. Madhur Dwivedi, 5. Prateek Rajpoot
Class 8 <sup>th</sup>	1. Shivam Gupta, 2. Shakshi Dixit, 3. Aniket Verma, 4. Shakshi Sharma, 5. Muskaan Agnihotri
Class 10 <sup>th</sup>	1. Akash Kamal, 2. Shrishti Singh Rajavat, 3. Pranshu Gautam, 4. Madhur Dwivedi, 5. Prateek Rajpoot, 6. Sadhna Yadav

The sub-committee decided to give the scholarship to these children on 15<sup>th</sup> August 2014 on the occasion of Independence Day. We will give Rs1500/- to class 5<sup>th</sup> students, Rs. 2000/- to class 8<sup>th</sup> students and Rs 3000/- to class 10<sup>th</sup> students. Committee also decided to give this amount in two installments to the children.

## **Shiksha Sopan Science Cell**

As we know that Shiksha Sopan's philosophy stands on three pillars of Shiksha , Sanskar and Swavlamban. We believe that education is not merely loading children with information. Therefore, we try our best to establish a connection of class-room teaching with daily life activities and behaviors. Our Sopan Science cell is working very enthusiastically on science popularization and organizes workshops at different places for both students and teachers. We had done the following workshops in the month of July.

### **(a) At Shivrajpur**

On 8<sup>th</sup> July, 2014 (Tuesday), Dr H C Verma gave a workshop at Prathmik Vidyalaya, Shivrajpur, Kanpur . Mr Amit Kumar Bajpai, Mr Anurag Pandey, and Mr Deepak Mishra from Shiksha Sopan had planned the experiments and their sequence. They also assisted Dr Verma in the workshop and they themselves presented several experiments.



About 45 teachers from Govt schools were present and enjoyed the workshop. It was a very pleasant experience that among UP Govt Education Dept and Govt teachers, there are very efficient and dedicated persons. The block education Officer Mr Devendra Ji is a real asset for the schools of Shivrajpur block. Our experiments on air, water, structure of materials were very refreshing, new and exciting for the participants.

### **(b) At Billhaur**

In the same fashion, on 10<sup>th</sup> July, 2014 (Thursday) at Prathmik Vidyalaya, Billhaur, Kanpur , Mr Amit Kumar Bajpai, Treasurer, Shiksha Sopan, Mr Anurag Pandey, Joint Secretary Shiksha Sopan and Mr Deepak Mishra from Science cell gave a workshop to 35 teachers. The whole workshop was again organized by Mr Devendra Singh , Block Education Officer ,Kanpur.



### **(c) At IIT Kanpur**

A three day workshop for 50 students of Rastriya Military School, Dhaulpur, Rajasthan was organized by our science team from 12<sup>th</sup> to 14<sup>th</sup> July, 2014. A variety of activities were planned for them. A one hour lecture on "Magnet ke Pole Khol" was given by Dr H C Verma at L-8. Dr Amitabh Mukharji , Professor, Computer Science and Engg. IITK, discussed about design, construction, operation, and application of robots.



Dr D P Mishra, Professor, Aerospace Engg Department, IIT Kanpur invited all the children to demonstrate in-flight laboratory work and aerodynamic testing. He showed a unique flight laboratory with four powered aircrafts, four gliders and a 1000 m runway.

### **(b) At Kurara**

Mr Amit Kumar Bajpai, Tresurer, Shiksha Sopan, Mr Anurag Pandey, Joint Secretary Shiksha Sopan gave a three hours workshop at Kurara, Hameerpur on 20<sup>th</sup> July, 2014. They also talked about the methodology of science teaching and discussed some physics experiments among all the teachers and this teaching methodology was appreciated by the teachers. This was a teacher's workshop and 50 teachers were present there.



They gave sessions on the topics solid, liquid and gas. Using short experiments they explained the basic laws of air and liquid pressures. Mr R C Gupta and Mr Anil Gupta from Talent Development Council were also present there.

## Visit by new UG IITK students

As a part of their orientation programme the new UG students (about 840 in number) were brought to Shiksha Sopan Science Lab in batches. Counseling Service volunteer Ms Aakriti coordinated the visit. Students came in batches of 60 and spent one hour with us. They were told the theme of Science cell and were also shown some science experiments developed by our team for rural area schools.



Six volunteers with 3-4 experiments were the key persons engaging a group of 10. Often the questions arising from these experiments were totally new for the students and they were puzzled to see basic Science in action. These visits were made during 18<sup>th</sup> to 22<sup>nd</sup> July.

## Sopan Ashram

Generally, rainy season is the best time for tree-plantation. Most of the tree-plants thrive well in rainy season. We had taken advice from Kamal Ji, experts about the appropriate time for the plantation of a particular kind of tree. We made good selection of trees to be planted, in consideration of the nature of land and the kind of climate. On 16<sup>th</sup> July, 2014, we had fruit plantation at our Shiksha Sopan Ashram.



About 25 plants of neem, lemon, guava, oranges etc. were put in the ground. Dr D P Verma, Dr H C Verma and Mr Anurag Pandey were present there.

## Other Informations

**Web site** : For more details please visit [www.shiksha-sopan.org](http://www.shiksha-sopan.org)

**How to donate:** *Shiksha Sopan*

(a) You can pay through credit/debit card by going to [www.godparents.in](http://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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