

Shiksha

Sanskar

Swavalamban

# Shiksha Sopan

*An Initiative of IIT Community for social upliftment*

Reg. Office: 391, Nankari, IIT, Kanpur 208016, PAN : AAFTS9743R

Newsletter May 2013



The month of May was very hot but all the centers run by Shiksha Sopan gave their output as usual. Dr. V N Kulkarni Merit Scholarship, Shiksha Sopan Visit, Science Workshop etc. were main programmes in this month.

## Dr. V N Kulkarni Merit Scholarship

The sub-committee of Dr. V N Kulkarni Merit Scholarship was very active in the last month. As reported in our previous newsletters, Sopan organized the scholarship examination at different centers, made an economical survey of the screened candidates (conducted by WIZMIN INDIA SOCIETY) and then selected the students based on the survey report.

On 14<sup>th</sup> April 2013, Shiksha Sopan organized Scholarship Distribution Function to give the scholarship amounts to the recipients. All the students of the new batch of scholarship and the old batch were given scholarship amount in this function. The Principals of the schools, whose students participated in the written exam were specially invited. Parents of all the scholars and Sopan volunteers were also present in the programme.

Mr. Ajit Agrawal, Manager, Saraswati Gyan Mandir Inter College, Indira Nagar was the Chief Guest of this program. He together with, Dr. H. C. Verma, Mr. Ranjan Updhyay, Mr. B M Agarwal, and Mrs. Anjali Kulkarni lighted the lamp and inaugurated the programme.

Shri Anurag Pandey, coordinator of the Scholarship scheme introduced the background of this initiative and gave an outline how this whole process was completed. Dr H C Verma told the audience about other activities of Shiksha Sopan and also introduced the guests and our prominent workers including the members of the scholarship subcommittee Mr Devanand Pathak and Mr Bharat Bhushan.



The scholarship holders from previous years expressed their experiences in the programme. Several of them expressed their gratitude towards Shiksha Sopan and told that only with the help of this scholarship they could continue their studies otherwise it would have stopped. They advised the new batch students to make best utilization of the scholarship and to be in regular contact with Sopan volunteers.

The Principals from different schools like Opportunity School, Swami Vivekanand Vidyalaya, R A Childrens Care etc blessed the students and said that they will always support Shiksha Sopan in raising the level of education. All the Principals present were felicitated by giving "Prashasti Patra" on behalf of Shiksha Sopan.

After listening and attending the whole program, our chief guest Mr. Ajit Agrawal announced to give free education to five students from Shiksha Sopan in SGM Inter College.

### Science Cell

Science Cell has come out with an Electromagnetism Experiment Set of 18 experiments. It has been nicely packaged in a container designed and assembled by the volunteers themselves. The kit is at an average level of class 9-10 and can be used by any school desirous to teach with Demo experiments.

Science cell has come out with a new experiment on oscillations and waves. In this, several pendula of different lengths are suspended from a common horizontal string which itself is vibrated horizontally by a controlled frequency oscillator. Fundamental modes are created on the strings of the pendula and the observations throw several phenomena for which a detailed analysis is needed.

Sopan Science Cell developed several experiments and activities for the 3-day academic camp at Anveshika on 20-22th April for about 50 class 12 students. Our team also conducted the experiments in the camp and guided students to do the activities. Ranjit Kumar, Deepak Mishra, Vimal and Atul were the active science cell volunteers who managed the experimental component of the camp.



Mr Amit Bajpai, Shiksha Sopan Secretary has coordinated the whole camp. He also gave a class on Binary numbers. Dr H C Verma, Shiksha Sopan President gave lectures on the basics of wave motion using some demo experiments and some video clips. These clips were shot by Shiksha Sopan academic videography cell. Mr Anurag Pandey explained various uses of vernier method of measurement. With the help of our video, he explained measurement of angles rotated by telescope in a Prism Spectrometer.

## SASK

Sopan Anupacharik Shikshan Kendra had Annual examinations from 12<sup>th</sup> to 30<sup>th</sup> April. For smaller kids at class 1-2 level, the examination was totally oral. For the other children it was a mix of written test and continuous performance. Credits were given for regular attendance, participation in various activities in the center, taking up responsibility and sincerity, performance in short term tests, etc. Students who had performed well in monthly tests were encouraged by giving school bags as prizes.

## Evening Centers

After the IITK End Semester most of the UG students have gone home for the summer vacation. At SAC center, some new PG students have joined our team. Also, some BSc students whom we were teaching at our evening center have finished their examination and are coming to teach at the center.

At Barasirohi too we are facing crunch of teachers in summer. Geeta Ji and Payal Ji are managing the 40+ children who are coming to learn at the center. Plans are being made to give our children of evening center special trainings in Summer.

## Rachana Yadav : A Sopan Child's Profile

Rachana Yadav has a family of 5, three sisters and parents. Rachana is the eldest. The only earning member is father who does not have any assured source of income. He works as a labour, sometimes gets whitewashing job, sometimes construction labour work etc. Not all days he would get job. The average income per month comes around 4000 or so if he is lucky. He lives in a small construction that he made on about 50 sq meter barren land in the middle of a low lying, water filled area.



Rachna (in specs) with her family members

During rains, it is submerged in water and the family lives essentially under plastic sheets on the rooftop for several months.

In the year 2011 Rachana had passed class 10 with 70% marks in UP Board and the parents planned to drop her studies as supporting the education of three daughters was too much for them. And then she appeared in Dr V N Kulkarni Merit scholarship test and performed well. Once the scholarship was offered, the father Sri Latari Singh Yadav changed the decision and continued her education. Rachna has appeared for class 12 Board examination this year and is awaiting result.

Rachna has high dreams in her eyes. She want to do her graduation and then go for administrative services. She is again hopeful to get support from Shiksha Sopan, this time through Higher Education Cell.

Rachna's younger sister Poonam is no less enthusiastic. She has gone to class 9 this year and following the footsteps of her elder sister, she too passed Dr V N Kulkarni Merit scholarship Test 2013. Latari Jee has been denied the economic prosperity but he has these gems in his fold.

## Memorandum for ensuring Women's security

Following Damini (Nirbhaya) case in Delhi Shiksha Sopan has taken several steps to awaken the masses concerning crime against women. During this drive, Sopan volunteers went door to door, met a large section of society living in and around IITK Campus, conducted meetings and campaigned for an environment where women are respected and they feel secured. Apart from fighting it out at the social level, we also wanted proper action plan from the Government authorities. Sopan thus made a memorandum expressing people's sentiments and urging the Government to take appropriate steps to ensure security of women and punishment to the culprits doing such crimes.

Copies of the memorandum signed by 2280 people of IITK and around, were sent to the President, the Prime Minister and the Chief Minister of UP. Of these 2280, 1097 are from villages, mainly Nankari, Barasdirohi, Lodhar and Naramau. Remaining 1183 are from IIT Kanpur students, staff and faculty members including the Director Professor Indranil Manna. The signatories include 1025 females and 1255 males.

### Dr Arun Roy visits Shiksha Sopan Lab

Dr Arun Roy used to be an IIT Coaching star in Mumbai. In the year 2005, a student from his coaching topped in JEE. Interestingly, Dr Roy left the coaching world that very year and started researching on educational methodology. For last several years he is interacting with school students of 8-10 standard and tells them the right kind of approaches towards learning.



Dr Arun Roy visited Sopan Science Lab and was greatly impressed by our experiment-based education modules using the simple items of daily life.

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## 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.

**Email Contacts** : [hcverma@iitk.ac.in](mailto:hcverma@iitk.ac.in), [samkhan@iitk.ac.in](mailto:samkhan@iitk.ac.in), [sopanbajpai@gmail.com](mailto: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*