

Shiksha

Sanskar

Swavalamban

# Shiksha Sopan

*An Initiative of IIT Community for social upliftment*

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

**Newsletter January 2018**



Shiksha Sopan wishes all the members, volunteers, well wishers and the nation as a whole a very happy new year 2018. December 2017 was indeed a cold month but that did not hinder our activities. The cells were active in coordinating the activities. Science cell was actively involved in organizing a 7 days workshop at SGM-IAPT Anveshika. Sopan library is also going well.

## **Shiksha Sopan Science Cell**

### ***Innovative Evaluation Module in BLESS program***

Shiksha Sopan is working on an innovative evaluation system. To get some change in evaluation system, we added five new evaluations methods and poster presentation is one of them. Poster presentation program was organized on 28<sup>th</sup> December, 2017 at Opportunity School, IIT Kanpur. Each student made his/her own poster from the course completed till December. Mr Vimal Kumar, MCA student, NIT Agartala and Mrs Chetna Mishra, Principal, Opportunity School were the evaluators for this program. A poster on Protozoa was the center of attraction of this program. Dr Sandeep Sangal, Professor, Department of Material Science and Engineering, IIT Kanpur and Dr H C Verma were there in the poster presentation program. They saw the posters and talk to the children.



### ***Seven days workshop at SGM-IAPT Anveshika***

Shiksha Sopan members are making efforts for spreading its effective teaching methodology for science education. A seven days workshop from 10<sup>th</sup> to 16<sup>th</sup> December, 2017 was organized at SGM-IAPT Anveshika, Indira Nagar, Kanpur. This workshop was organized with combined efforts of Shiksha Sopan Science Cell and Anveshika members. Basically this was a training program. Dr H C Verma and Mr Anurag Pandey from Shiksha Sopan, Mr Amit K Bajpai and Mr Yogesh Jha from Anveshika planned the experiments and their sequences.

A total of 23 teachers at class 6 to 8 level from three different states Pondicherry, Uttarakhand and Uttar Pradesh were present there.

Dr Verma gave sessions on science teaching modules. He discussed on optics, mechanics, sound and electromagnetism. He also showed a lot of experiments on these topics. Teachers were given hands on experience on the experiments.

### ***Three days workshop at Fatehpur***

Mr Amit Kumar Bajpai and Mr Anurag Pandey from Shiksha Sopan gave a three day teachers workshop at Govt. Girls Inter College, Fatehpur from 6<sup>th</sup> to 8<sup>th</sup> December, 2017. More than 40 teachers from different schools were present there. Mr Amit Kumar Bajpai and Mr Anurag Pandey gave science demonstrations with very live discussions to enhance the understanding of teachers present there.



Each experiment was like a puzzle and through lots of debate, it was resolved. With examples from daily life situations these concepts were made more familiar to them.

### ***One day workshop at Kanpur***

Mr Amit Kumar Bajpai from Shiksha Sopan gave a one day teachers workshop at St Francis Xavier's Inter College, Kanpur on 21<sup>st</sup> December, 2017. More than 20 teachers from different schools were present there. It was very pleasant experience that all of them were very efficient and dedicated persons. Experiments showed by Mr Bajpai were very refreshing and exciting for all the participants present there.



### **Sopan Higher Education Cell**

Higher Education Cell is a program in which children from underprivileged section are given financial assistance to continue studies beyond class 12. In the current year we got 18 applications so far for the support. A subcommittee consisting of Dr H C Verma, Mr Abhishek Savarnya, Mr Anurag Pandey, Mr Amit Kumar Bajpai and Mr Atul Kumar looked at the applications minutely in a meeting and selected 16 applications for support from Shiksha Sopan.



In this year we collected a total of Rs 1,10,000/- till date from all our sources for HE cell and made a commitment of Rs 2,02,600/- for selected 16 students. The total requested amount from the applicants is Rs 4,41,319/-. In addition we might get occasional requests in the coming months. We appeal the community to donate for this cell.

## **Shiksha Sopan Anaupcharik Shikshan Kendra (SASK)**

As usual SASK came out with very nice new programmes apart from the regular teaching. One of them is as follows:

### ***Mathematics Festival***

A function was planned to make an effort towards improvement in mathematics at SASK. On 22<sup>nd</sup> December, 2017 (Monday), SASK celebrated 130<sup>th</sup> birth anniversary of Srinivasa Ramanujan and gave a tribute to him. He was a great Indian mathematician. SASK organized this function for class 6<sup>th</sup> to class 8<sup>th</sup> children. Mr Sarvesh, M Tech, IIT Kanpur, organized a quiz competition at this occasion.

The quiz was organized for the children of class 6 to 8 in which different topics were addressed. This quiz was held in two different parts. In the first part, there was a written exam for the children. In the second part, five groups were made for the quiz competition. Sonam, Lakshmi and Mandavi from Team I got first prize. Nisha, Riya and Ankit from Team II got second prize and Shiya, Shivani and Kashish from Team III got third prize. Prizes were distributed on the same day.



## **Sopan Evening Centre, Barasirohi**

### ***Art Competition***

An art competition was planned for the children studying in class 4 to 6 on 23<sup>rd</sup> December, 2017. A total of 45 children participated in this competition. These students designed greeting cards for new year and paintings for Christmas. Nikhil and Kunal (class-4), Muskaan, Parul and Tapasya (class-5), Koaml, Sonali and Pranshi (class-6) were selected in this art competition. These selected students got prizes on the same day.

## **Mathematical Model by Priyanka and Deepika**

A mathematics model was made by two girl students, Ms Priyanka and Ms Deepika. They are studying in class 10<sup>th</sup>. There was an electric bulb in the model which glows on choosing the right mathematical formula. They showed their model at Sopan evening center on 16<sup>th</sup> December. Ms Geeta Kushwaha, coordinator, Sopan evening center appreciated them and encourage them to make these type of models.

## **Gyan Vigyan Kendra**

A program was organized on 28<sup>th</sup> December, 2017 for the children of Gyan Vigyan Kendra to distribute the prizes. These prizes were given for drawing and essay competitions organized on 24<sup>th</sup> December, 2017.

Mr Bharat Bhushan Deshmukh from IIT Kanpur, Mrs Jayshree Pant from Opportunity School and Mr Raj Kumar Bhadauriya from New Hope School evaluated the essays and drawings and a total of 9 students got prizes for their best performances. Dr H C Verma, Mr Anurag Pandey, Mr Atul Kumar, Mrs Anupama Sharma and all volunteers of sopan science cell were present there. Dr Verma talked to the children and motivated them. Mr Pandey told about the different activities of Sopan



## **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://www.iitk.ac.in/dora/donation/PayPal/> and Choose Shiksha Sopan Charitable Contribution to donate through IIT Kanpur foundation using credit cards. All donations are 100% tax deductible in the United States. IIT Kanpur Foundation (Tax ID: 94-3370645) is Tax Exempt under 501(c)(3) classification of IRS.

(e). All donations are Tax free (up to 50%) under section 80/G.

**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 9235905046](#)