

Shiksha

Sanskar

Swavalamban

# Shiksha Sopan

*An Initiative of IIT Community for social upliftment*

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**Newsletter January 2017**



Shiksha Sopan wishes all the members, volunteers, well wishers and the nation as a whole a very happy new year 2017. December 2016 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 various workshops at different places. Sopan library is also going well.

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

As usual SASK came out with very nice new programmes apart from the regular teaching. Some of these are as follows.

### ***Mathematics Festival***

Minimum Mathematics is essential in our daily lives. A function was planned to make an effort towards improvement in mathematics at SASK. On 22<sup>nd</sup> December, 2016 (Thursday), SASK celebrated 129<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 1<sup>st</sup> to class 8<sup>th</sup> children.

A special 4 hours maths class was given by Mr Pawan Kumar, M Tech student, IITK. He taught the tricks to solve the maths questions verbally. Vaidik ganit, Ramanujan number, decimal, fraction and measurement etc were discussed in the class.



A quiz was organized for the children of class 5 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 and the copies were checked by Ms Seema Verma. In the second part, five groups were made for the quiz competition. This quiz competition were judged by Mr Pawan Kumar. Ajay and Mandavi from Group A got first prize. Lakshmi and Sonam from Group B got second prize and Shiv Shankar and Sudhanshu from Group C got third prize. Prizes were distributed on the same day.

## ***Annapurna Diwas***

On 24<sup>th</sup> December (Saturday), SASK conducted a special event celebrating the day as Annapurna Diwas. Class 6 to 8 students prepared a variety of food at the Kendra itself and fed all children and invitees. All the arrangements including gas stoves, utensils, spices and other items etc were locally arranged by these children themselves. The food items prepared were Paneer, Pav-bhaji, Puri, Kachaudi, Lachchhedar Roti, Jeera rice, Chhole, Batata bada, Cokha bati, Gajar halwa, Vej Kolhapuri rice etc.



Not only that the boys and girls of class 6-8 prepared so many things at the Kendra, they were meticulous in its decorative display and distribution. Cleanliness was the most important factor that these children took care.

Dr H C Verma, Dr Sameer Khandekar, Mrs Pradnya Khandekar, Dr Abhijeet Sathe, Mrs Bhakti Sathe, Dr Chandrashekhara Sharma and Mr Ram Prasad Bajpai were invited and they thoroughly enjoyed the day.

## **Shiksha Sopan Science Cell**

### ***Two days workshop at Puducherry***

Shiksha Sopan members are making efforts for spreading its effective teaching methodology for science education. Mr Amit Kumar Bajpai and Mr Anurag Pandey from Shiksha Sopan gave a two day teachers workshop at Puducherry on 22<sup>nd</sup> and 23<sup>rd</sup> December, 2016. More than 30 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.

### ***Three days workshop at Anveshika***

This workshop was organized with combined efforts of Sopan Science Cell and Anveshika members. Basically this was a training program organized at Anveshika premises, Indira Nagar, Kanpur from 28<sup>th</sup> to 30<sup>th</sup> December, 2016. Dr H C Verma and Mr Anurag Pandey from Shiksha Sopan, Mr Amit K Bajpai from Anveshika planned the experiments and their sequences.



A total of 30 teachers from Auraiya, Kanpur Nagar attended the programme. These teachers were from different schools and they teach class 6<sup>th</sup> to 8<sup>th</sup>. The whole program was coordinated by Mr Amit Kumar Bajpai.

### ***Five days workshop at Jammu and Kashmir***

A series of workshops are planned by Dr H C Verma for Jammu and Kashmir teachers. A total of 500 govt. school teachers will be trained in next three months in these workshops. Shiksha Sopan science cell members are actively involved in these workshops as they are making science kits for the trainee teachers.



In this series, a five day workshop was organized by Dr H C Verma at Jammu and Kashmir in the month of December. The workshop was intended to give a flavor of Basic Physics at high school level both in experiments and in theory. It was focused on deeper understanding and analysis of the phenomena and developing competence in applying the Principles in a given situation.

The three main components of this workshop were:

- 1. Problem Solving-** On each topic extensive problem solving experiences were given. Teachers were also encouraged to formulate new problems.
- 2. Experimental demonstrations-** Short experiments were conducted and discussed threadbare to sharpen the understanding of underlying physics and bring out how physics is involved in real life situations.
- 3. Science Kits-** More than 30 science experiments can be performed using the science kit prepared by Shiksha Sopan Science Cell. Teachers were trained in making, handling and performing the experiments done using the kit.

### **DESKIT (Bag with table) distribution programs**

As mentioned in previous newsletter, Shiksha Sopan has taken an initiative to supplement infrastructural facilities at schools in the rural areas. DESKIT is a desk-cum-table, useful for places where desks are not available. In December, we distributed the DESKITs at two different places.

#### ***At Shree Shakti Degree College, Ghatampur***

More than five schools are adopted by Shree Shakti degree college at Ghatampur. On 06<sup>th</sup> December, Mr Amit Kumar Bajpai and Mr Anurag Pandey went there and distributed a total of 42 DESKITs to the schools children. Mr Vinay Trivedi, founder member of the college showed their gratitude towards Shiksha Sopan.



#### ***At Apna School, Kanpur***

On 10<sup>th</sup> December, Mr Amit Kumar Bajpai went to Apna School, Tatiyaganj and distributed 40 DESKITs to the children. Children became very happy after getting these DESKITs. Mr Bajpai also showed some interesting science experiments to these children and told them about different activities of Shiksha Sopan.



## Sopan Evening Centre

### **Christmas Day celebration**

Christmas Day is an annual festival commemorating the birth of Jesus Christ, observed most commonly on December 25 as a religious and cultural celebration among billions of people around the world. Children of Sopan evening centre celebrated this festival and made some beautiful paintings.

### **Children's Houses Visit**

Ms Kshma Dwevedi and Mr Anoop Asthana from Barasirohi evening center visited homes of some students named Mahima and Chandrayansh (class 7), Suryansh (class 6) and Anshika (class 3). In these visits our volunteers talked to the parents of these students and motivated them to encourage them to come at the center regularly.

### **Visit by Mr Mohit and Mr Ankit**

Mr Mohit Agnihotri and Mr Ankit Sharma were associated with Shiksha Sopan for a long time. Now Mr Mohit is working as Textile engineer at Ludhiana and Mr Ankit is working in Chemical department, Silwasa. They visited Sopan evening centre on 15<sup>th</sup> December, 2016. They talked to the children and motivated them. They also told about their association with 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.

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