

Shiksha

Sanskar

Swavalamban

# Shiksha Sopan

An Initiative of IIT Community for social upliftment

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Newsletter April 2021



Greetings from the Shiksha Sopan family. We hope that you and your family will be safe from this pandemic. As we can see that the cases of Covid-19 are again arising very rapidly, in this situation we need to be more careful and to make ourselves safe. Shiksha Sopan always focuses on the well-being of our stakeholders and always does work in this direction. In March month several programs were organized by the centers with proper social distancing. Here is a glimpse of the programs which are given below for your reference.

## Central programs

In March, there were two central programs, one was STAPPLE and the other one was Mathematics Quiz. The details of the program are given below.

### STAPPLE (Science Table At Public Places: Learning Experiences)

Shiksha Sopan wrote a project to Threading India Pvt. Ltd. (Lohia Group) to support its activities of Development Of Science Tourism Initiative (DOSTI) from CSR. Mr. Ajay Lohia, Director, Threading India and his team members (board members) agreed to support Shiksha Sopan. Mr. Ajay Lohia and his wife Mrs. Shradha Lohia visited Sopan Ashram once and were very happy to see all our activities. Both are very supportive and gentle in nature.

STAPPLE program is supported by DOSTI project and it is coordinated by Mr. Vinay Kumar Mishra. This program is running under the guidance of Dr. H C Verma and Mr. Amit Kumar Bajpai. This program aims to create Scientific thinking, Scientific approach, questioning and Scientific temperament etc among general masses through demonstration of science experiments. Mr. Vinay K Mishra and other Sopan workers trained our students to handle the experiments. These students had already some experience because they already participated in Science fair which was conducted at Sopan Ashram on Science Day. They had the knowledge of communication among masses but little final touches were given to them. Volunteers and students of our center set science table at the public place of Barasirohi near Sabji Mandi. Mr. Ajay Kamal, B.Sc student performed the experiments related to the center of mass, Mr. Alok, class 10 did



experiments on chemistry, he showed transparent water to the audience and pour water in empty glass and water turned into pink color, the audience was amazed to see, after that he poured another transparent liquid in colored liquid and the colored water turned into transparent liquid. After that he told the science behind this miracle. Miss Swati demonstrated experiments based on Archimedes' principle. There were so many experiments performed by these students.

## Mathematics Quiz Competition

This Mathematics quiz was also a part of DOSTI project. The prizes were donated by Mrs. Shweta Bajpai, Alumni, IIT Kanpur. As we know Mathematics is very important in our life. We use it in our daily life. We always do calculations while we go for shopping or anywhere. But there are so many children having fear of maths. So to remove this fear and make the students comfortable with maths, SASK and the core team of Shiksha Sopan organized a mathematics quiz "Ganit Ko Jano" competition on 27th March at Sopan Ashram. This program was done among our learning centers. The preparation for this competition was started one month ago at the centers, all the centers did very hard work for preparing their students for the competition. On 27th March this competition was organized with proper social distancing and Covid guidelines.

The program was hosted by Mr. Amit Kumar Bajpai, it was a total of 3-hours competition in which six teams were invited from the centers, two from each center. Three centers were mainly involved in this event. The main purpose to organize a quiz among our centers was to increase the affection of the students towards Mathematics, so that they don't feel fear to this Subject. So before started the main rounds, we conducted a warm up round. In this special round a game was planned based on numbers. It was so simple and all the participants forgot that they were in competition and very comfortably they participated in another rounds. After the warm-up round, the quiz got started in which the first round was based on logic. In this round, one question was asked from each team based on logic.

The second round was based on the syllabus which consisted of various calculations. The third round was based on estimation in which all the teams were shown various types of things. A steel rod was shown and they were asked to guess the length of the rod. A small bucket was shown and the question was how much water can go in the bucket. Similarly for other objects.

The fourth round was the Rapid Fire round in which each team had given one minute and in that one minute, they were asked 7 questions based on small calculations and logics. The last round based on Pythagoras triplets. In between the quiz, there was some audience round in which some questions were asked to the audience and if someone in the audience gave the right answer he/she awarded the chocolates.

All the teams performed well and they all played very enthusiastically. The result is shown below. The first winner was the team of Barasirohi Evening Center (BEC), second was Sopan Ashram Evening Center and third winner was again BEC. The prizes were distributed by one of our donors and well wishers Mrs. Shweta Bajpai and Dr. H C Verma Sir. A hand made memento was gifted to Mrs. Bajpai by Verma sir.



## Sopan Anaupacharik Shikshan Kendra (SASK)

As we are seeing the cases of COVID 19 is rising rapidly. So in March, the center was running with full care of Covid so that SASK can remain safe for their volunteers as well as students. The detailed programs are given below

### Special Maths Class

In March, SASK conducted twenty days of special math classes. This class was for classes from 6th to 8th. In this one of the IIT students Mr. Shubendra Tripathi gave the two-week classes. He taught various topics of mathematics like decimal, fraction, geometry, reasoning, etc. At present time Maths becomes a fear for most of the students. Students having difficulties solving the mathematics problem. So to overcome this problem, SASK conducted this class. The motive of this class was to make the relationship between maths and the students. The coordinator of SASK Ms. Seema Verma also prepared the students for the Mathematics quiz "Ganit Ko Jano".

### Teaching Learning Material

Memorizing things is not easy for the students mainly if those are related to the studies. So to resolve this issue Ms. Seema Verma and Ms. Sunita Verma came up with a new method of teaching in the community class. In March, they made a model called "Opposite word clock" by which children can learn the antonyms of Hindi words. By this method children easily memorize the antonyms. They enjoyed this method of teaching.

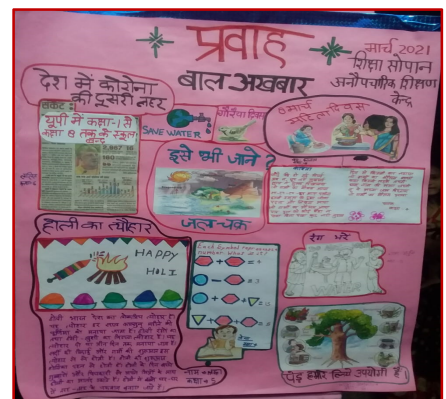


### Experience sharing

Experience sharing is one of the methods which helps people to get knowledge and learn from each other. It also helps people for enhancing the speaking skills and increases the nature of extrovert personality. So in March month, SASK volunteer, Ms. Rubi conducted a class on 18th March in which she asked the children to share experiences on any topic. Children shared their experiences and views on various topics. One of the student Master Ankit shared their experience of How he played Holi by following the Covid guidelines.

### PRAWAH BAAL AKHBAAR

As like every month, this month also SASK published the next edition of Bal Akhbar. In this Akhbar, Palak of class 4th wrote a beautiful poem on summer, Anmol of class 6th wrote an article on the importance of tree in a human life, Lalit of class 6 presented various news related to Covid and certain decision taken by the UP Government. Children are very excited to publish it, and they prepared their materials for AKHBAAR regularly so they read various things like books, newspapers, general knowledge etc.



## **Gauraiya Diwas**

On 20th March, SASK celebrated Garaiya Diwas. On that day Seema Verma, Coordinator, SASK, told about Gauraiya to the students from class 6th to class 8<sup>th</sup>. They made small houses for Gauraiya from waste papers and also used some other materials like glue, etc. Together with this they all took a pledge to preserve the Gauraiya and they will put the food and grains on gauraiya's house on regular basis.



## **Barasirohi Evening center(BEC)**

March month was somehow busy for every volunteer and child of BEC. There were various activities done in this month which are given below.

### **Women's Day**

8th March of every year we celebrates the day as women's day. Women's day is celebrated to give a message that women are empowering themselves and becoming self-dependent. In the same context, BEC celebrated this day in which Geeta Ji, coordinator of BEC asked children to help their mothers and sisters in their work. She also told the contribution of women in the building of the Nation. She narrated many real, brave and historical stories of women to them like Kalpana Chawala, Jyotiba Phule, Laxmibai etc.

### **Health Awareness**

The health of human beings is the thing which should be good because if Health is not good then a human can not do any thing. If the body becomes weak that results into decrease in the performance of work whether it is the study or any job. So to make aware the students of the importance of health BEC invited a doctor, Dr. Sumit Rathore, on 15th March. Sumit Ji told the student about why we should be healthy and how we can become healthy. He also told us How can we prevent and cure themselves of malaria and dengue etc.



### **World Water Day**

As we are aware that the most precious thing on the earth is water, without water survival is not possible. Even after knowing it, people still waste it. To give a message to save water, our world celebrates World Water Day on 22nd March every year. So to make awareness of the importance of water BEC celebrated world water day. BEC children made some paintings which had messages to conserve the water for our future generation.

### **Mathematics Quiz**

For this Maths Quiz competition, BEC prepared their children so well. Two teams took part in the competition. In which one team ( Divyanshi, Anuradha, Archana) got the first position and second team got third position and got prizes.



## Sopan Ashram Evening center (SAEC)

In March month SAEC children and volunteers were engaged in preparation for the Math's Quiz. In the Quiz competition, 2 teams participated from SAEC. They conducted one examination at their center to choose the participants for making two teams. Because every student was keen to participate and show talent. 6 students other than participants were also present as audience in the quiz. They had also participated in audience round and won Chocklates.

One of the SAEC students Mr. Aryan Mishra of class 12th got selected in Mukhyamantri Abhiyuday Yojna for JEE exam Preparation.

## Sopan Library

As Covid is spreading rapidly that's why the Library is running with low capacity. In March, there were several activities with proper Covid protocol. The library celebrated Women's Day on 8th March in which only some members were invited due to Covid. On 15th March Library also remembered the first female teacher of India on the occasion of her Birthday.

## Science Cell

Science cell is formed for developing new experiments and Innovation. As like every month, Science cell did the same in March. One of our science cell volunteer Mr. Vijay Kushwaha made Buzzers which had a unique feature like more than one teams press the buzzer at close interval then only that team's buzzer will sound who pressed it first and the rest team's buzzers will not work until the buzzer controller resets the buzzer system. The whole unit of Buzzers was used in Mathematics quiz and with the help of this unique thing we conducted buzzer round smoothly.

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

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

(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.

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