

Shiksha

Sanskar

Swavalamban



Shiksha Sopan

An Initiative of IIT Community for social upliftment

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Newsletter September 2021

Dear Readers, Greeting from the Shiksha Sopan family. We need to be very careful and should take all safety precautions regarding Covid -19. Shiksha Sopan wishes you and your loved ones a safe and healthy life. In August month, several activities were planned and performed like our evening learning centers, residential camp, science activities, and so on . We would like to share our experiences and work in details with you.

Central programs

Science Tables At Public Places and Learning Experiences

This program was running with the help of Threads India Limited and coordinated by Mr. Vinay Kumar Mishra. The aim of running this program is to give basic knowledge about science by doing simple experiments. This program is scheduled at nearby places of Sopan Ashram. In August month, STAPPLE programs were done for two hours in evening.



There were near about 30 people who attended the session. There were several experiments which were performed by our students and volunteers. The session was started by one of our dedicated volunteer Mr. Alok Kumar who is currently studying in the 11th class. He showed a very interesting experiment related to the density of water.

Apart from it, there were several other students who performed the various experiment in the session. Another student Mr. Karan Singh showed experiments related to Magnetism, in which he showed the attraction and repulsion between the poles of the magnets. He also explained the reason behind this. Mr. Anuj Gautam, explained Boyle's law . To explain this, he used a syringe and demonstrated the experiment. He covered the upper part of the syringe by the thumb and then pull the syringe plunger downward and released it, as he released the plunger automatic moved upward. The reason behind this was explained by Anuj to the audience. After the session got over every attendee gave their valuable feedback and showed happiness by clapping.

Poster making competition

Shiksha Sopan's core team members always conduct various competitions for the students of our centers. Shiksha Sopan conducts these activities so that the children can explore themselves and develop the skills. In the same spirit, Shiksha Sopan conducted a poster-making competition based on the theme of corona for std 1 to 5 students and of the Noble prize of Albert Einstein for std 6th and above. As you must have read in the August Newsletter, we have given many online sessions on Photo Electric Effect. In this continuation we have given second theme to make poster on Albert Einstein.

This competition was organized at all the centers, where students participated with full of devotion. A total of 90 students participated from all the evening learning centers including Sopan Anupcharik Shikshan Kendra. Students made these posters at their home and submitted at Sopan Ashram. These were judged by Mr. Raj Kumar Bhadauraiya. These participants were given Shiksha Kit as a token of appreciation. Shiksha Kit was designed by Mr. Pranav Lohia. Some details of Shiksha Kit was given in the earlier newsletter. Shiksha Kit was distributed at every center by the core team of Shiksha Sopan and students got these from the centers. Mr. Pranav was present at Sopan Ashram during Kit distribution. Students were very happy to receive the Kit. We have distributed prizes to all winners of posters on Independence day at Sopan Ashram. You will read about this in the next heading.



Independence Day Celebration

Shiksha Sopan celebrated the Independence Day centrally at Sopan Ashram in which volunteers and students from all the centers were present to give tribute to our freedom fighters who gave contributions in making our country Independent.

The program was hosted by Mr. Amit Kumar Bajpai (Secretary, Shiksha Sopan). The program started with hoisting the National Flag by one of our hardworking volunteer Ms. Gulabo Devi ji along with Padmashree Dr. H C Verma, and Mr. Ram Prasad Bajpai. This was followed by various cultural events. Local people who lived around Sopan Ashram were also present during the event. Students also presented their views to the audience. Dr. H. C. Verma sir gave a wonderful energetic vibrant message and give a big task to every member of Shiksha Sopan and visitors. He asked everyone to come out with what they feel should be the activities of Sopan Ashram the in coming five years.

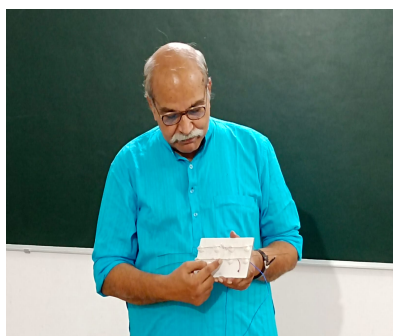
He asked everyone to give the idea in writing and we will make the plan on this basis. One of local persons sang a wonderful patriotic song. At last, our chief guest of the programme Ms. Gulabo devi ji said Vande Matram and Jai Hind in front of audience. In this program, Shiksha Sopan distributed the prizes to the winners of the poster-making competition. Mr. Ajit Pandey, Dr. H. C. Verma, Mr. Ram Prasad Bajpai, Ms Gulabo devi ji distributed prizes among the children. The function was over with Jan Gan Man and Vande Matram. We distributed packed sweets and biscuits among audience following the norms of covid.



Bachelor Level Science in Hindi: A Learning Initiative (BALSHALI) Camp

5 days day hours camp

Shiksha Span organized a 5-day day-hours camp from 9th August to 14th August for local teachers. The main focus of the camp was to understand the phenomenon of Polarization of *light*. Twelve selected teachers were called at Sopan Ashram to attend the sessions. The sessions went from 10AM to 1PM. First 1.5 hr was the theory session taken by Dr. H. C. Verma sir. He started the topic with very basics of Optics. Five theory classes were given by Verma sir and he very well explained the wave phenomenon of light, polarization. Every one was very happy to learn many more new things from the Verma sir class. After this session, we gave demonstration sessions mostly related to electromagnetism. We have also given activity sessions and the participants made electroscope, current detector, wave model etc with their own hands. All the participants took part actively in every session. The sessions were very joyful, fruitful, and understandable in as expressed by the participants. Participants also did hands-on experiments and learn things by doing.



5 Days Residential Camp at Sopan Ashram

After the successful completion of the 5-day day hour pilot course. we announced a six-day residential camp at Sopan Ashram on the same topic Polarization of Light. The first camp was like a team booster and after this our team dedicatedly engaged itself in organizing the residential camp. The camp dates were 25th to 30th August, 2021. This workshop was especially for teachers. We selected 12 teachers from UP, Delhi, and Bihar. We arranged their accommodation, food , classroom sessions, experimental sessions, library sessions, activities time etc. Dr. H. C. Verma sir inaugurated the workshop by lighting the lamp in front of Maa Sarawati. Students of Sopan Ashram Evening Learning Centre sang Saraswati Vandana and welcome song. Dr. H. C. Verma sir gave wonderful sessions on Polarization of light and also inculcated teaching skills/methodology during his class to the teachers.

In this workshop Science team of Shiksha Sopan gave a task to fabricate an optical bench for experiments. This was a very new experience for all the participant teachers. Each one made his own Optical bench at Sopan Ashram and carried that to set it up at their school/college. This will greatly enhance the enthusiasm and impact of their science labs.

In one of the sessions Dr. Sameer Khandekar, Head of Department, Mechanical Engg, IIT Kanpur and Treasurer, Shiksha Sopan interacted with the participants. He motivated the participants to think positive. He deliberated on different thought processes by people of different backgrounds over the same situation and impressed why the thought process of students is to be tuned towards the looking at the events in a comprehensive manner. This talk was very much appreciated by everyone.

They learnt many demonstrations experiments. We also gave them a flavour of doing long experiments at BSc level. They did four long experiments during the workshop and got good experience to work with newer instruments.

In the feedback session they greatly appreciated the hard work by the team of Sopan, Positive Energy they felt at Sopan Ashram, Equality among all the workers and many more such qualities. The whole camp was successfully completed without hurdle because of Shiksha Sopan well wishers and specially Mrs. Madhu Dusad ji. Shiksha Sopan thanks her and wishes her for a good health and wealth.



Sopan Anaupacharik Shikshan Kendra (SASK)

Do something new

Shiksha Sopan always believes in quality education and is always eager to deliver the same. Every month Seema Verma tries to do something new to make the study easy. So this month Seema Ji came up with a new mathematics model "Sthaniya Maan Gyat Karne ki Khidki". Through this model, children can get to know the permanent value of any digit. The children found this method very interesting and helpful.



Craft Class

Shiksha Sopan not only imparts education but also focuses on the skills of the student to do co-curricular activities. In this series, SASK conducts craft classes every month. Due to heavy rain, this class did not happen in a community class. So the children in the group of 5 were called at SASK center for two hours. This month, children made colorful Rakhi by using pelted stone and other craft items. These children were applauded by Mrs. Pragya Khandekar for this tremendous work.



Pravah Baal Akhbaar

In August Edition Pravah Bal Akhbaar, children expressed their views about the National flag on the occasion of Independence Day and children also made a very beautiful Flag. On the occasion of the arrival of Sawan, Shreya of class 5 wrote a very beautiful poem "Saawan Geet", Shraddha wrote an inspirational story, Lalit displayed a wonderful picture of the earth in Fill the colors columns. Apart from it, Neelam gave a social message "Beti Padhao Beti Bachao" in the Mission Shakti column. In continuation, Sonam, Sachin, and Divyanshi wrote on various topics in Baal Akhbar.



Rakhi celebration

On 20th August, SASK celebrated Rakhi festival. Rakhi is festival in which brothers promise to keep the sister safe from all hurdles and protect from all unwanted situations. Shiksha Sopan believes that if we educate to impart Sanskar in our people then there is no need to protect any girl from anyone. So Shiksha Sopan not only gives education but also develops Sanskar among them. On that day, girls of SASK tied Rakhi at Shubendra Ji and sweetened the mouth with chocolate. On this occasion, Shubendra Ji distributed chocolates among the students and gave blessings.



Barasirohi Evening center(BEC)

In August month, BEC regulated the classes offline as well as online as per student's convenience. Students' protection is the topmost priority of Shiksha Sopan, so very few were called for offline classes with proper social distancing. These classes were conducted by the volunteers, Ms. Geeta, Ms. Kshma, and Mr. Pushpendra. The classes of English grammar, Hindi grammar and logical reasoning were given by Geeta Ji. Kshma Ji gave the classes on current affairs.

National Sports day celebration

We know that Sports is also necessary for our young generation. Our country has so many talents in different Sports and these talented people raise the name of our country in many competitions. Recently we can see the example in Olympics and Para Olympics. Every year we celebrate National Sports day on 29th August in the memory of Late Major Dhyan Chandra who was also known as **Magician of Hockey**. On this day BEC coordinator, Ms. Geeta ji, told the life story of Dhyan Chandra ji and encouraged them to actively participate in sports and when ever get opportunity, grab it to show, your talent.

Sopan Ashram Evening center(SAEC)

In August month, SAEC regulated the classes offline as well as online as per student's convenience. Students protection is the top most priority of Shiksha Sopan, so very few were called for offline classes with proper social distancing.

Science Experimental Workshop

In the month August SAEC conducted various activities under the guidance of Mrs. Anupama Sharma, Coordinator, SAEC. The month was started with Science Experiments in which SAEC conducted 2 days workshop for class 10th from 2nd August to 3rd August. The aim of the workshop was to introduce measurement instruments to students like screw gauge, vernier calipers, voltmeter, ammeter, multimeter and thermometer. Participants enjoyed and learnt a lot. The sessions were taken by Ms. Neha Katiyar, active volunteer of Shiksha Sopan.



Farewell

In August month one of our very dedicated volunteer Mr. Aman who was doing M.Tech from IIT Kanpur departed from us because he completed his study. SAEC gave farewell to him with heavy heart. Aman ji also gave blessing to all students. He promised that whenever he will come to Kanpur he will be surely visit Sopan Ashram.



Sopan Library

In August month, the Library was running online and offline (with very low capacity). There were several activities which were running under the supervision of Mrs. Pusha Tripathi, Coordinator, Sopan Library, as listed below.

➤ Those students who wanted to visit the library physically for study and issuing books were allowed for the same from 6:00PM to 6:30PM only.

➤ There is a very famous book "Man ki Ankhe" which includes many meaningful Shlokas in it. Mrs. Pushpa explained the meaning of two shlokas on daily basis and also told us how to use these shlokas in our life.

➤ Eight students took part in the poster making competition.

➤ Independence day was celebrated online in which children performed various activities online like Aaradhya played the role of Rani Lakshmi Bai, Ayush sang a patriotic song. The program ended with National anthem by Namit.



अंधकार को क्यों धिक्कारें, अच्छा हैं एक दीप जलायें

Web site : For more details please visit 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**

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