

Shiksha

Sanskar

Swavalamban

Shiksha Sopan

An Initiative of IIT Community for social upliftment

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Newsletter November 2021



Dear Readers, Greeting from the Shiksha Sopan family. After a long wait, we are in somewhat better situation to meet each other physically. Various centers of Shiksha Sopan started the programe in offline mode with proper social distancing and masks. This has indeed given us a moral boost. In October month, several activities were planned and performed. We would like to share our experiences and work details with you.

Central programs

First Sunday Club (FSC)

First Sunday Club is the joint venture of SGM-IAPT Anveshika and Shiksha Sopan. Its meeting is held on every First Sunday of the month at Sopan Ashram. In this activity, Physics teachers from different schools/colleges of Kanpur and nearby districts come at Sopan Ashram to discuss physics. In the FSC meeting on 3rd October, Dr. H. C. Verma introduced simple pendulum to the audience present. He oscillated a pendulum in front of the audience and it started changing its plane of oscillation. Now the time was for thinking why the plane changed. All the members of the group realized that simple pendulum is not so simple. He introduced sand pendulum, naughty pendulum, long pendulum and coupled pendulum. Apart from the pendulum, teachers also asked questions from other fields of Physics. As usual, Dr. Verma gave several ideas on teaching skills, communication style during the classroom teaching, which is very fruitful for teachers.



Three-day camp at Sopan Ashram

A three-day residential camp was organized from 8th to 10th October at Sopan Ashram for selected 10 teachers from various parts of the country. This workshop had various sessions like experiments, activities, discussion, technical sessions, talks and formal open house sessions. Some teacher participants were from Govt. schools of Kanpur district who attended the sessions from 9.30Am to 5.30 Pm., Other participants were provided accommodation itself at Sopan Ashram. Mr. Satish Tiwari, District Inspector of School (DIOS), Kanpur, had very kindly deputed them to attend the workshop.

Mrs. Smita Fangariya, Head of Department of Physics, Amity International School, Noida was the resource person of the workshop. The main attraction of this session was Physics through the kitchen which is taken by Mrs Smita Fangariya. Prof. H. C. Verma gave a session of the mathematics aspects of some functions useful for Physics teachers. This was a really wonderful and one of the most attractive sessions. Prof. Sameer Khandekar gave a technical session on thermodynamics of Air Conditions (AC). After giving the theoretical and background, he opened an AC in front of the participants and how the laws of thermodynamics leads to a useful product like AC. The session was greatly appreciated by one and all.

Mr. Yogesh K Jha, Mr. Amit K Bajpai, Mr. Ranjit and Ms. Neha gave an experimental demonstration session during the workshop.

We invited a reputed Ophthalmologist (Eye specialist) of Kanpur, Dr. Shekhar Rastogi for a session on functioning of eyes and common diseases. The participants teachers asked questions and Dr. Rastogi replied all these in details. We gained many information which are important for eyes. He very specifically advised for minimum use of mobile phones for readings. The other advise was not having long sessions on computers. Dr. Rastogi and his wife Dr. Vibha Rastogi were happy to see the Sopan Ashram and kinds of facilities for Science Education.



Sopan Ashram Visit by KIT Students

Kanpur Institute of Technology (KIT), B.Tech 1st year students from all branches and their faculty members visited Sopan Ashram in two groups on 18th and 19th October, 2021.



Dr. H. C. Verma introduced Sopan Ashram to each group and gave a task to do. The task on the first day was to make a container out of a sheet of paper, which could hold maximum volume. Students made varieties of design and then volume were compared by pouring sand in there. Clapping greeted the students whose container hold maximum amount of sand. Verma sir discussed mathematics to predict the best shape maximizing the volume. Second group (on 19th October) did another activity to make a stable structure from a given number of straws joining these using cellophane tape. Both the groups and their faculty were very happy to learn practical aspect of designing a product. Each one praised the team members of Sopan.

VNK and SGPV Scholarship Distribution

On 14th October, we distributed Dr. V. N. Kulkarni merit scholarship (VNK) and Shree Ganesh Prasad Verma uccha shiksha prakaslp (SGPV) financial assistance to the beneficiaries. This program was organized at Sopan Ashram. Dr. Manjesh Kumar Singh (Prof. Mechanical Dept IIT Kanpur), and

Dr. Deepak Dhingra (Prof. Earth Science Dept. IIT Kanpur), his father Mr. Vishnu Dutt Dhingra and Dr. H. C. Verma graced the occasion by their presence.

There total 16 students for VNK and 5 students for SGPV Scholarship. Mr. Atul Kumar, coordinator, told about these programs to the audience. While VNK scholarship is for school students (Std 6-12), SGPV assistance for students pursuing higher studies (beyond std 12). SGPV recipients shared their experiences of the getting the scholarship and about the stream they were pursuing. In this way our VNK scholars and other audience got the information about variety of courses, their entrance tests, etc. The scholarship was distributed by our dignitaries. Dr. Deepak Dhingra and his father interacted with audience in which they shared experiences of life and gave knowledge about the earth science. Dr. Verma also gave his blessings to the scholars for their future. The whole event anchored by Mr. Amit Kumar Bajpai, Secretary, Shiksha Sopan.



Sopan Anaupacharik Shikshan Kendra (SASK)

Re-welcoming of students

For a long time SASK was mostly running in virtual mode. There was a huge enthusiasm in the students and the volunteers as we announced regular classes at SASK was opened on 1st October 2021 and students started coming physically to the center. SASK volunteers welcomed all the students in a grand way. Ms. Sunita Maurya put Tilak on the foreheads of the students. This activity was followed by checking the body temperature and sanitization.



After that, the coordinator Ms. Seema Verma interacted with the students and asked for their problems and experiences during the lockdown and online classes. Students were very happy and excited to join SASK Physically and meeting with friends. This was so beautifully reflected by their smiley faces.

Academic activity

Academics started in full swing in month of October. On the very first day, English and Math's classes were taken in which various topics were taught like self introduction, articles, verbs, BODMAS rule, square root, etc. At present times, computer and technical knowledge are very important for students. As we know our country is in the developing stage and slowly going towards development. SASK also makes our children aware of the recent developments and gives learning about technical things and in the same scenario, SASK arranged various classes for English, Math's, and computer.

Celebration of Ghandi ji and Shastri ji Jayanti

In our country 2nd October is celebrated in grand way. On this day two of our freedom fighter Mahatma Gandhi and Lal Bahadur Shastri (2nd Prime minister of Independent India) were born. SASK also gave tribute to both of them by wreath on their photo. This program was conducted in the presence of the Chief guest Mr. Atul Verma. The program started with wreathing and lighting of lamp by Mr. Atul Verma, Ms Seema Verma, Ms Sunita Maurya, Shyamu Ji and Rubi ji. The whole program was anchored by a student of class 7th Master Ankit. Master Ajit, Master Anmol and Master Sachin gave speeches on Shree Lal Bahdur and Shree Mahatma Gandhi. The program reached it its ends with the song "raghupati raghav raja ram" by Sonam and Shraddha. Stationary was also distributed among the students by Atul ji and other volunteers of SASK.



World Teacher's day

The teacher is not just a post, it is a responsibility because a teacher helps the students in making their future bright and to contribute in the development of the Nation. Teachers play important role in students' life. To make the students aware of the value of the teacher, SASK celebrated World Teachers Day on 5th October with the students at the center. Ms. Seema Verma told the work done by teachers in the Covid period and also that how teachers remained connected with their students in that crucial period. One of the children of class 7th Mr. Arpit gave honor to the teachers by using these lines.

" हमारे समाज के वास्तविक शिल्पकार शिक्षक होते हैं "

National Unity day.

On 31st October, we celebrated National unity day. This day is celebrated on the occasion of birth anniversary of Sardar Vallabh Bhai Patel. On this Ms, Sunita Maurya told about the work done by Sardar Vallabh Bhai Patel. She told the contribution of Saradar Ji in making our country united and also give knowledge about why he is called "Iron Man of India".



Special craft classes

Co-curricular activities are very important for every student because it helps creative thinking. Through such activities, the thinking power of students becomes strong and it also builds self-confidence in the students. SASK conducted a series of special craft classes from 11th October to 18th October. In these classes children learned different types of things like "Varli **Painting**", how to decorate diya for deepawali etc. They used self made decorated diya to gift Shiksha Sopan volunteers on the occasion of Deepawali.



Mathematics Model

As a part of her monthly activity, Ms. Seema Verma, coordinator, SASK, prepared a mathematics model to make certain aspect of mathematics easily understandable. In October, Seema Ji prepared a model which was based on algebraic identities. With the help of this model, children can easily understand the square and cube roots of the numbers. SASK volunteers are using this model during classroom teaching.



Barasirohi Evening center(BEC)

2nd October celebration

On 2nd October, BEC celebrated Gandhi Jayanti and Lal Bahadur Shastri Jayanti with full of patriotism. On that day, the Coordinator of BEC Ms. Geeta Kushwaha interacted with the students virtually. She told about the contribution of both the freedom fighters in making our country independent. She also asked the children to take inspiration from their lives. She also told that 2nd October is also celebrated as international nonviolence day. Children also got to know that the title of "Rashtrapita" was given to Ghandhi jiby Shubash Chandra Bose and the "Mahatma" title was given by Shree Ravindra Nath Tagore.

World Teachers day

BEC celebrated 5th October as World Teachers Day with full enthusiasm. Ms. Geeta Kushwaha, Coordinator, BEC, told the students how teachers play an important role in everyone's life and that the place of teachers is fore most as compared to other relation. She asked students to obey their teachers and always give respect to them.

Celebration of Festivals

As we know that October month is full of festivals and rituals. So BEC celebrated all festivals with their students with full of joy. On 9th October, BEC celebrated Vijaydashmi in which Geeta Ji told mythological origin of Vijaydashmi and also told about the lessons to learn from this festival. Students of BEC Ankit, Jay, Divya, Khushi, Yuvraj made a dummy of Ravan and burn it on Dussehra.

Academic activities

In October month classes were running in both the modes online as well as offline. These classes covered various topics of English and Mathematics Geeta Ji took classes on Homophones, idioms and Phrases, Articles, etc. on the other side Pushpendra Ji covered various topics of Mathematics like Geometry and Trigonometry. Kshma Ji took classes of Hindi language where she covered various topics.

Sopan Ashram Evening center (SAEC)

Quiz Competition on 2nd October

On 2nd October, SAEC celebrated the Birthday of Lal Bahadur Shashtri Ji and Mahatma Gandhi Ji by conducting a quiz competition. This competition included various questions based on life and work of both of them. 38 students took part in the quiz. After the competition got over, the winners were appreciated and motivated by giving chocolates as a gifts.



Third pillar of Sopan "Swawlambian"

Shiksha Sopan always focuses on the three pillars for the development of children which are **Shiksha, Sanskar and Swawlamban**. SAEC took various initiatives to inculcate the culture of Swawlamban among the students. One of the students of std 11 Mr. Alok gave Mathematics classes for one week. Std 6th to 10th students attended the classes. He covered various topics like Geometry and Construction. On the very first day, Verma Sir was present in his class. Verma sir was very much impressed by Alok and also gave him some tips on teaching. Alok promised to Verma sir that he will implement the suggested point during the teaching.



Three - day Chemistry workshop

From 11th October to 13th October, three-day chemistry workshop was organized by Shri Narayan ji, retd teacher. The participants of this workshop were students from class 9th to 12th. On the first day of the workshop, Shri Narayan Ji introduced Atomic structure which includes atomic number, atomic mass, and atomic weight and their electronic structure, etc. He taught periodic table to the students. He used several small demonstrations during the class. Students appreciated his class very much and learnt a lot from him.



Sopan Library

In the October month, Library was running as usual in both the mediums online as well as offline. In both the mediums this Library coordinator Mrs. Pushpa Tripathi, conducted various activities which are given below-

- ❖ Mrs. Tripathi narrated a moral story to the students on a daily basis. These stories gave motivation and learning to the students.
- ❖ Explanation of 4 Shlokas from the book "Man Ki Ankh" regularly. Students listened these shlokas carefully. These Shlokas helped the people to remove negativity from their minds and increase positivity.
- ❖ Celebration of Gandhi ji and Lal Bahadur Shashtri ji Jayanti on 2nd October with the library members.
- ❖ Celebration of International Balika Diwas on 11th October in which Pushpa Ji told about the girls power in the present time and discussed making the girls strong.

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

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