

Shiksha

Sanskar

Swavalamban

Shiksha Sopan

An Initiative of IIT Community for social upliftment

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

Newsletter August 2019



All the units of Shiksha Sopan actively worked in their domain. Special SUNDAY CLASSES for selected students started in the month of July. Science Tourism made a firm base with a 4-hour visit of Class-9 students of a reputed school. Art and Craft took a center stage at the evening centers.

Sopan Anaupcharik Shikshan Kendra (SASK)

SASK reopened after summer vacation and the coordinator Seema Ji welcomed all the students with Tilak on their forehead who had arrived the center with utmost enthusiasm. After the prayers, all the students started their classes in their respective rooms.

The students discussed about the projects that they had worked on during the vacations. In the project work, the students had presented causes and preventions of different diseases like- Dengue, Malaria, Cold and Fever etc. on a sheet of paper.



Desk Distribution

Shiksha Sopan arranged individual desks for 50 students. These desks are foldable, lightweight and quite attractive. Students shall be able to improve their writing as well as their drawings. The children were elated upon receiving these new desks from Shiksha Sopan and expressed their thanks for the same.



Student Participated in Chemistry Workshop

Students of Class 6th, 7th and 8th of SASK participated in the Chemistry Workshop held at the Opportunity School. Dr. Anuradha Mukherjee (Asst Professor, IISc. Bangalore) addressed the students regarding the periodic table under International Year of Periodic Table. She talked about the history of Periodic Table, its evolution to modern form, the way to look at it, elements, atomic number, element color etc.

She demonstrated the concept of Atomic and Molecular Bonding in a workshop using clay. The students completed this activity with a lot of enthusiasm. Not only the students, even the teachers present there enjoyed this wonderful workshop. The teachers learned a unique way of teaching chemistry to the children.



World Population Day

Seema Ji told the students about World Population Day initiated by United Nations that is celebrated every year on 11th July. The motive of this day is to make people aware about the issues concerning population. Anahita of Class 8th expressed her views on the same, saying that the purpose of this day was to talk about issues related to population growth that is increasing every second.



Celebration of Mango Day

"Mango-Day" was held at the SASK on 18th July. Mangoes were distributed to everyone on this occasion. On this day, Shirish Gupta Ji (Ph.D student of I.I.T. Kanpur) briefed everyone about benefits of eating mangoes. A display of mangoes was arranged for the kids. Anahita of Class 8th and Lakshmi briefed the students about 10 different types of mangoes and their shapes like- Him Sagar, Dasherri, Lagda, Badami etc. All the students thoroughly enjoyed eating these mangoes.



Barasirohi Evening Center (BEC)

The center was re-opened on 1st July as per schedule after the summer vacations. There were only 26 students present on the first day. All the students started their classes after singing Saraswati-Vandana and National Song. All the students discussed in detail about the activities that they had done during their summer vacations.

Visits by Pushpendraji to families of students

From 2nd – 4th July, Pushpendra Ji along with a few students from the center (Mayank, Saurabh, Rishu, Manoj) visited houses of other students (Sandhya, Parul, Khushi, Surayansh etc.) and informed them about the commencement of the classes and a lot of new students were informed about Sopan too. This brought the attendance normal around 80-90.

Visit by Shri Vishwa Pratapsingh

On the occasion of Guru Purnima, Shri Vishwa Pratap Singh of Raghunath Singh Degree College visited the center to meet the students. He explained that a Guru is someone who takes you from Darkness to Light, thus stressing the importance of a 'Guru' in a student's life. Also, he inspired students to respect as well as follow their mother, father and other elders and to obey their commands. He was very happy to have visited Sopan Ashram and promised to visit again whenever he finds time.



Talk on Chandrayaan-2

On 24th July, IIT Student Rahul Ji (M. Tech) briefed all the students and the volunteer in the center about "Chandrayaan-2" through a 14-minute (of a) video clip. Chandrayaan-2 was launched on 22nd July from Satish Dhawan Space Centre ISRO (Bangalore). He told the audience about the soft landing of Chandrayaan-2 on the South Pole of the moon. Alongside, he also mentioned in detail about Chandrayaan-1, Rocket Launching Method, Orbital Motion and main components (Orbiter, Lander, Rover) etc. to the students of Class 6th-12th. Students asked a lot of questions about Chandrayaan-2 to Rahul Ji. He answered all of them and upon seeing the enthusiasm of students.



Other Activities

❖ On 13th-14th July, there were sessions about Short tricks on making Math's fast and easy by Vivek Ji (Ph.D) from IIT. Children liked it very much. Abhishek and Ankush Ji (M. Tech.) made the children play some interesting games and provided some necessary information regarding these games. The students were explained the importance of games in life. The children enjoyed playing games with them.

❖ Gita Ji taught the students of Class 5th-8th about 3-D Art at the center on 26th-27th July. The students learned to write their names in English and Hindi in 3-D format.

Sopan Ashram Evening Center (SAEC)

The average attendance of Children at SAEC was around 120 in July. Apart from regular teaching, a number of programs were arranged to develop various skills and confidence.

Shramdaan

The muddy road connecting Nav Shrijan Vidyalaya to Sopan Ashram was severely damaged due to rain. To restore the path and make it walk able, the children of the center worked together with the volunteers under the supervision of Shri. Ram Prasad Bajpai. It instilled in them the spirit of self reliance and volunteerism.



Tie and Dye

The coordinator of "Tie & Dye", Smt. Anupama Sharma addressed the students in detail about Tie and Dye. She illustrated how to make designs of various kinds on a white Dupatta just by using coins of Rs. 1, Rs.2 and a clip which was unforgettable upon seeing.



Chemistry Workshop at Sopan Ashram

On 15th July, SAEC organized a Chemistry Workshop in Sopan Ashram, with Dr. Anuradha Mukherjee as the resource person. Students from std 6 to 12 attended the workshop. She discussed the students about the acid, base and salt. She demonstrated acid base reactions using indicators and universal indicator. She prepared a juice from red cabbage and used the juice as universal indicator. By putting few drops of this cabbage juice in solutions of different pH, different



colors appeared which was a new phenomena for all the children.

The whole workshop was very interactive. Anuradha Ji called many children to come and mix indicator in solutions and matching with the colours and predicting the colours.

Abhivyakti Program

Abhivyakti Program was organized for the second time in the Ashram on 28th July, in which students presented some of their poems, paintings, dialogues and stories. This program is to bring out the talent in students and make them confident to express themselves in front of audience. The thing unique to this Abhivyakti Program was that the students were able to host and organize the program all by themselves. The senior volunteers only facilitated them.



Other Activities

❖ The students of Ashram- Nikhil (9th) and Alok (9th) have started learning Guitar. Seeing their interest in the same, one of the I.I.T. student- Mr. Dushyant has offered them to teach the same.

❖ Kamakshi Ji organized a workshop on Minor molestation awareness and showed them a video clip regarding the same. She gave information regarding the same and answered questions posed by the students.

Sopan Library

Sopan Library is gaining popularity. Some new magazines and books for competitive examinations were brought. The number of members has increased to 30 in the month of July.

On 10th July, a special session was conducted where children were given books and they read stories, poems etc from them addressing the members.

On Gurupurnima, the members had discussion on the importance of Guru in life. On Kargil Vijay Divas, they all paid tribute to the brave soldiers who laid their lives to defend our Nation.



Apart from usual library activities, members also make useful items using old newspapers and other waste materials. Library is planning to make an exhibition of these items at a suitable platform.

(Development of Science Tourism Initiative (DOSTI))

Sopan Ashram is being developed as a Science Tourist place. Various indoor and outdoor Science demonstrations, models and interactive activities are put up and is gradually evolving. At the moment we have two science galleries where models related to Optics, Magnetism, motion etc are put up. During the visit our resource persons take the visitors' group to each model and after showing it in action, explain the science, their fabrication mechanism and the possible applications.

There are some outdoor models/experiments too. A pendulum of about 25 feet is always a center of attraction and relates well the beautiful story of time keeping. An electronic unit to measure own height is also an outdoor activity.

Shri Amit Kumar Bajpai is coordinating this project.

A highly reputed school called "Chintells" sent their Std 9 students for 4 hours to visit Sopan Ashram Science cell on 19th July. They visited two Science galleries, conducted an activity on Refraction of light, and witnessed eye catching Chemistry experiments. Mr Ranjit Kumar gave them a guided tour of the two galleries, Dr H C Verma demonstrated some experiments on Optics and guide the activity session and Mr Amit Kumar Bajpai led the Chemistry session.



SUNDAY CLASSES

One of the most ambitious programs of Shiksha Sopan is SUNDAY CLASSES, its 2019 edition started in July. This is a project under VISTARA (Vision on Improving Science Teaching Atmosphere in Rural Areas) for selected students who did well in DR V N Kulkarni Merit Scholarship. About 40 such students from Std 6 to 12 are called on 3 Sundays (of) every month and our team gives them special classes with special methodology. The theme is to develop their thinking power. Thus without using textbooks we are involving students to practice analyzing and coming out with solutions.

Our very committed team of resource person consists of Mrs Jayshree, Mrs. Vandana and Mrs. Guhapriya from IITK (English), Mrs Anupama Srivastav from Jaipuria School (Biology), Mr Ritesh (Lucknow) and Mr Amit Bajpai(Physics), Mr Udit (Chemistry) from Allahabad,



Mr Biplav, research scholar IITK and H C Verma (Maths). Every Sunday a common lecture is given by an expert.

अंधकार को क्यों धिक्कारे, अच्छा हैं एक दीप जलायें

Other Informations

Web site : For more details please visit www.shiksha-sopan.org

How to donate: *Shiksha Sopan*

(a) You can pay through credit/debit card by going to 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, samkhan@iitk.ac.in, sopanbajpai@gmail.com
sopaniitk02@gmail.com

Postal Contact : *Dr SameerKhandekar, 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**