

Shiksha

Sanskar

Swavalamban



Shiksha Sopan

An Initiative of IIT Community for social upliftment

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Newsletter January 2023

December, the closing month of the year. The weather is good, the Nature smiles with winter flowers on small plants add to its beauty. To sit in the bright Sun for long hours gives the feel of luxury suit. The environment gives lots of inspiration to work more for the society and Shiksha Sopan never lags behind to take up such tasks.

All centers and units came up with a variety of programs in the month of December 2022 together with the regular schedule.

Sopan Ashram Activities (SOASHA)

Sopan Ashram is coming up as a vibrant centre of social strengthening. People visiting this place often express the feeling of positivity and confidence. It is all due to the efforts of our Sopan volunteers who work so hard with the only aspiration of contributing to make many-many lives happy and useful.

DOSTI VISITIS

Sopan Ashram is steadily progressing as a Science Tourism destination. In December 2022, the following visits took place.

6th -8th December

A 3-day residential DOSTI visit was arranged at Sopan Ashram with persistent request from Shashvat Gurukul School, Amaravati, Maharashtra. The school administrator Mr. Alok Kumar together with 33 students of std 11 stayed at Sopan Ashram from 6th to 8th December and learned lots of Science and life skills. Sopan Ashram not only gives opportunity to explore Science but also gives a feel of unifying with Nature. The plants and trees, the Sun and the wind, the cows, the people around all make one happy from inside and creates the favourable conditions for learning and exploring.

We had invited Shree Jayant Joshi, Scientist, BARC Mumbai as the main Resource Person. Jayant ji discussed the practical applications of scientific laws that we study in our syllabus. All this was through beautiful science toys and models that he had fabricated himself. Students studying at Sopan Ashram Evening Centre presented "Light Entertainment Science Show (LESS)" to the participants. Shree Praveen Joshi who is staying at Sopan Ashram delivered a talk to make the students aware of their strengths and use it effectively for their own development.



9th December :

A batch of 30 students of class 11th and 12th from Saint Umar College, Jhansi led by Mr. Vedant Tiwari visited Sopan Ashram on 9th December. In first session after their 5-hour road journey from Jhansi, they were given interesting session by shree Jayant Joshi in almost a magic show made. The students were then divided in 3 groups and led to see our various labs, fabrication tools, material science research lab, outdoor models and a general tour. The students and the accompanying teachers expressed a great satisfaction with the enriching experiences they got.



29th December :

About 50 students were sent to Sopan Ashram as an educationist visit under Rashtriya Avishkar Abhiyan (RAA) by the Education Department authorities of Hamirpur. The Block Education officer of Hamirpur block was himself present during the visit. Children enjoyed the interesting Science experiments are asked many questions..



The sessions hosted for about 4 hours in which they saw different facilities at Sopan Ashram under the supervision of our volunteers.

Science Teachers -4 day workshop

15 Science Teachers from 3 branches of Shiv-Nadar School (Noida, Gurgaon and Faridabad) and one from Vidyagyan were given an extensive 4-day Science Workshop at Sopan Ashram from December 20-23. The problem areas in their understanding were identified by giving them a test in the morning and then an extended discussion their answers in a very informal and enjoyable way. These discussion were handled by Dr. H. C. Verma on all days. There were several other sessions by our Science team led by Shree Amit Kumar Bajpai and Shree Ranjit Kumar.



All the participating teachers were given a memento in the valedictory session. Interestingly, the memento, which was an experimental set up to study the primary colours Red, Green, Blue and their mixing, was made during the 4-day workshop by the participating teachers themselves. These sessions were name "Make your own memento"



Outreach:

Shri Shakti Degree College, Sankhahari, Ghatmpur had organized a 2-day Seminar on "Development of Rural Area of Villages with the help of Basic Science Education" on 9th and 10th December 2022 to discuss the issues of Science education. Sopan Ashram was invited to put up our model of science education. Shree Amit Kumar Bajpai delivered an interactive talk to drive the point Science is to be first experienced from the surroundings and then learned in details from the formal classroom system.

The science team of Sopan Ashram including the students from the evening centre put up a science exhibition. Some 20 experiments were set up which were well explained to the visitors.



Sopan Anaupacharik Shikshan Kendra (SASK)

SASK Team under leadership of Ms Seema Verma is always at work to provide quality skills among the children who do not go to regular schools. Apart for the Basic training of curriculum, students learnt many skills to many relevant areas. The programme held in the month of December 2022 are as follows

Mathematics day

22nd December is a very precious day for India. This is the day when the all time great mathematician Srinivasa Ramanujan was born in Erode of Tamilnadu. To celebrate this, SASK organized mathematics exhibition and fair on 22nd December. Students Ajit, Ankit and Sonam put up working models of finding square of a number, increasing and decreasing numbers, even and odd numbers, geometrical shapes, brackets, Roman numbers, place values and so on. They explained the working of their models to the visitors.

A mathematics competition was held for children. The junior groups std 3-5 was named as Ramanujan Group and senior groups std 6-8 was named as Aryabhat group. From each group 1st, 2nd, 3rd were declared based on their performance.

Seema verma talked about the life events of Shree S. Ramanujan.



Saturday Craft Classes

Saturdays are very attractive for the children as they make some useful objects from something which is supposed to be useless, best from waste. The theme of this month was a make designed with pencil peels. When a pencil is sharpened using a cutter, there peels come of, which is thrown away.

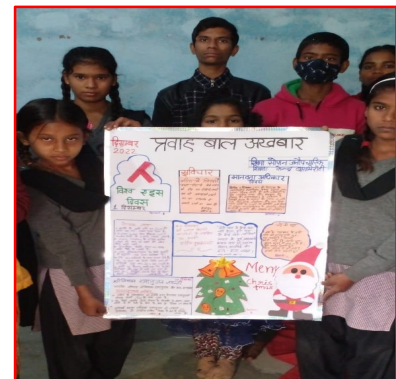
But SASK students collected all such peels and learned in Saturday craft classes how to make attractive items from these. The made artwork showing trees, birds, flowers, singing bird pairs and so on. Apart from the children learned to make Christmas trees, Santa Clause etc.



Bal Akhbar

This monthly activity of preparing the Akhbar is very effective in making students think, put then in proper words and set in on a big board artistically. The leading student for December edition Mr. Ankit of std 8. The following were the articles, all written by the students.

World Aids Day, Geeta Ke Updesh, Human Rights Day, Jaade Ki Dhoop, Shree Atal Bihari Vajpayee, Ramanujan. Under the column Hamari Kalakari, Sonam posted a beautiful Christmas Tree.



Plantation

A special "sensitization towards environment" program was undertaken on 10th December 2022 children of std 1-2 were involved and they plant several plants in the school premises. These were basically flower plants and children enjoyed doing this exercise. They were told about the importance of plants and trees in human life and the nature as such. They were appealed to tell the parents to rope in at least one flower plan in the house.



Other Events:

As the news about the death of Hiraben Modi, mother of Prime minister Narendra Mode broke on December 30, all the teachers and students assembled in the Assembly Varamdaa and paid Homage of Hiraben by keeping a silence for 2 minutes. IT was only a small way to express our respect to the lady who lived on this planet for almost a century and had lived an ideal life by desiring no special privilege of being mother of an existing Prime minister.

Barasirohi Evening Center(BEC)

The classes for children of Barasirohi at BEC were run regularly. The following special events were conducted to connect the students with our culture and history.

Mathematics Day:

At BEC also, Mathematics Day was celebrated on 22nd December. Shree Pushpendra ji was the main resource person. He informed that our former Prime minister Shree Manmohan singh had declared 22nd December as National Mathematics day and since then, schools, colleges and other organizations do mathematical events.

Geeta Jayanti:

It is said that Shree Krishna taught the life objectives to Arjuna in the battle field of Mahabharat. This discourse come out as Bhagawat Gita. Margashrsha Shukla Paksh Ekadashi is the day which is celebrated as Geeta Jayanti. The English calendar date varies from year to year and it was 3rd December in 2022. BEC had a special session in which the children were told to story of Mahabharata and its main characters. The story of origin of Bhagawat Gita was also told. This was in accordance with knowing the cultural identity of India.



Guru Govind Singh Jayanti

The 10th Guru of Sikhs, Guru Govind Singh is a very special name in political and spiritual history of India. He established the Khalsa panth with very strict codes of conduct. He had to fight many wars to protect Sikhs from the Mugal rules. In these are Guru Gobind Singh lost all the fours sons but he never surrendered or compromised with principles.

BEC conducted a special session on 29th December where the centre coordinator Ms. Kshma ji told about Guru Gobind Singh to let the students know about our glorious history.

Preparing to welcome the year:

On 31st December BEC celebrated the last day of the year. The centre volunteers asked the students to review what did they achieve in 2022 and what do they aspire for 2023. All wished a very happy new year to each other which was right at the doorsteps.



Sopan Ashram Evening Center (SAEC)

Selected 25-30 students from Std 6 to 12 come in the evening for learning Science, Mathematics, languages. Mostly students from IITK voluntarily come to give the classes. Periodic evaluations are conducted to monitor the effectiveness of the teaching process. Together with this, the centre coordinator Shree Vinay Kumar Mishra conducts extracurricular activities to ensure all round development of students. Here are some such activities in the month of December.

3rd December:

On the occasion of Geeta Jayanti students were told some of the shlokas of Shreemad Bhagwat Geeta together with their dictionary meaning and the deeper meaning. Some informal test on the knowledge of Sanskrit was also conducted in this session.



5th December:

Shree Jayant Joshi gave a 2-hour Science show to SAEC students. With his simple and self-made models, he emphasised that basic Science must be learnt with clarity and simple experiments are a good way of doing that.



17th December:

Yoga and Naturopathy can help us tremendously to keep healthy and happy SAEC arranges a very special session by Dr Sohan Lal Yadav, a senior practitioner and In Charge of IIT Kanpur Yoga Kendra. Dr. Yadav first gave the historical account of how Yoga was developed in India and how it became the part of Indian life. He then talked about certain Aasanaa's which everyone including the school going children must do. Akash of std 9 at SAEC was on the stage, performing the Aasannas as instructed by Dr. Yadav.



Sopan Library

Sushree Shashikala Joshi Memorial Sopan Library continued its cultural discourse programs with Ms. Bapat and Ms. Baby leading the sessions.

अंधकार को क्यों धिक्कारें, अच्छा हैं एक दीप जलायें

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

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