

Shiksha Sopan

An Initiative of IIT Community for social upliftment

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Newsletter March 2018



February was a month of celebration. The most enjoyable and awaited festival Holi is a presentation of wonderful Indian culture and Science day is a celebration of Nobel prize winning work in Science by Indian scientist Sir C V Raman. Both these grand festivals were enthusiastically celebrated in our centers. Science Cell organized several workshops for local as well as outstation teachers. Other centers like Gyan Vigyan Kendra and Sopan library were smoothly running.

Shiksha Sopan Anaupcharik Shikshan Kendra (SASK)

Holi celebration

SASK celebrated Holi on 28th February in a very different way. The theme was Holi with Radha and Krishna. Children themselves came in get up of Radha and Krishna and enjoyed Holi by hitting each other with flowers and GULAL. In the address by seniors, a clear message was given why chemical colours should be avoided and how colours can be prepared with herbs and flowers. The inherent spirit of Holi that is strong bonding among all sections of society, was very clearly transmitted.



Children not only enjoyed playing with flowers and Gulal but also resolved to protect the environment by not using hazardous material like chemical colours.

Special Saturday Classes

Special classes through video clips are arranged at SASK every Saturday. IITK Student Shashwat Singh is leading this project. In the moth of February, videos on evolution of earth, origin of organism, Use of ORS etc were shown to class 6-8 students and the topics were orally discussed.



Science Day

28th February is a glorious day in the history of India. On this day the great C V Raman discovered what is known as Raman Effect and is world wide used for scientific research. At SASK children were told about Sir C V Raman's life and his commitment towards Science. His hard work managing the duty of Govt officer and doing science at IACS was highlighted.

A poster making event was organized at SASK to make the Science Day celebration more participative. The theme was Use of Science for the Society. Children from Std 5 to 8 participated in this event. They made beautiful posters under the guidance of the teachers and volunteers at SASK.

Neeshu from class-7 made a poster on "बिजली बचाओ" (Save Electricity) which was appreciated by all. She also gave a beautiful oral presentation about it. Khushi from class-6 made an attractive poster on Water cycle whereas Saraswati from class-6 made poster on Air Pollution. Several other posters were made by the children on Food Web, Discovery of bulb, Structure of heart, Computers, Bio gas Plant, Making of oxygen in lab etc. Each one of them gave a presentation for the poster.



Barasirohi Evening Center (BEC)

Farewell to Class-10 students

At this center, mostly students up to class-10 come for after-school assistance. There were 7 students of class-10 this year. As their board examination were to start, BEC volunteers arranged a farewell function for these 7 students. The Center in charge Ms Geeta Kushwaha put TILAK on the forehead of each of them and gave blessings and best wishes for the board examination. The instructors at BEC Mr Bhadauriya (Babuji), Mr Anoop Asthana and Mr Ravi (IITK Student) presented them Examination kit including a Pen to write in the examination. While Babuji asked them to have confidence on themselves, Mr Ravi gave them Mathematics Formulae notes and counseled them to achieve

Holi Celebration

Holi was celebrated at the center on the evening of 28th February. Children played with each other with dry Gulal and enjoyed. Sneha, Abhishek, Jyoti and Archana sang a number of Holi Songs. Children were told about the historic and mythological perspective of Holi.



At this occasion, senior volunteers Jaipakash Maurya Ji, Ankit Ji, Gaurav Ji, Archana Ji, Sarika Ji and Kshama Ji were present and they all participated in Gulal Holi.

Science Day

On the occasion of Science day, an Essay Competition was arranged on 28th February. The topic was "विग्यान अच्छा सेवाक है, पर बुरा मालिक है" (Science is a good servant but bad master). 29 students from class 6 to 9 from different schools participated. The idea was to sensitize the children towards the misuse of science which harms our environment.

Science Cell

Science Cell conducted several workshops for Govt school Science teachers in February. These were at Upper Primary Level (Std 6-8) and each workshop was for 5 days, 10 AM to 5 PM.

Under Unnat Bharat Abhiyan

Unnat Bharat Abhiyan is an MHRD initiative where the institutes of higher learning contribute towards all round development of villages. IITK Chapter of UBA is headed by Dr Sandeep Sangal of Material Science Department. Under this program Shiksha Sopan conducted a workshop from 5th to 9th February at IIT Kanpur for Science teachers of various upper primary schools. The district authorities (BSA) sent about 40 participant teachers from all over the district. Quite a few of them had interacted with us in past, under Rashtriya Avishkar Abhiyam sessions at IITK. The 5-days were very productive and all the teachers enjoyed and learned a lot. Teachers were very enthusiastic and about 12 of them made presentation of their own best practices in the classrooms. Ms Seema from Shivrajpur led a session on making a skeleton from an A4 page.



Uttakhand Workshops

Under Rashtriya Avishkar Abhiyan, the Govt of Uttarakhand has entrusted an NGO UNISED for uplifting Science education in a number of schools. Shiksha Sopan is participating in the Teachers training part of it. This is for Upper Primary Schools of Uttarakhand Govt. Under this, we conducted three workshops, each of 5-days, in the month of February. In each of these workshops, about 40 teachers from different districts were sent by the Education Dept. The Workshops were conducted at (a) Bhimtal, 15th to 19th Feb (b) Pauri, also 15th to 19th Feb and (c) Dehradun, 23rd to 26th Feb. Separate teams of resource persons from Shiksha Sopan were sent to conduct the workshops. Shiksha Sopan made all the experimental material for these workshops and conducted the activities.

The workshops consisted of Demonstration experiments, activities by the teachers where each teacher made 3 to 4 teaching aids under guidance of Shiksha Sopan resource persons and some probing question papers which we call Pre Test.

Activities on making mechanical equivalent of animation on geometrical optics was a hit which all participants enjoyed. And the best part was that it involved only few cardboards.

BLESS Program Over

Shiksha Sopan was involved in developing Science teaching methodology at middle school level and training young people who can carry it forward (November Newsletter). We undertook teaching of class 8 Science at Opportunity school in IITK Campus and taught the full syllabus from October 3 to February 27th. Some 11 fresh graduates were trained in the methodology and majority of them now plan to build their career in School Science Teaching. It was a good experience for everyone, students, teachers and trainees to teach science in the most natural way.



At Bhimtal, Uttarakhand



BLESS Resource Persons after the final class

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.

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