

Shiksha

Sanskar

Swavalamban

Shiksha Sopan

An Initiative of IIT Community for social upliftment

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Newsletter March 2020



The month of February was very busy for Volunteers of Sopan. Students were conscious due to the final examination. The preparation of the VNK examination was going in full swing. Shiksha Sopan also organized 11 days BALSHALI camp for selected B.Sc. Students from 25th February to 06th March 2020 at Sopan Ashram. The news related to this camp will be published in upcoming Newsletter.

Dr. V.N.Kulkarni Merit Scholarship

The VNK scholarship examination was conducted at 3 centers on Sunday, 2nd February 2020. These examination centers were Opportunity School, R G Girls Inter College, and RPP Inter College. Sopan volunteers did splendid job under the leadership of Mr. Atul Kumar, Secretary, Shiksha Sopan and Mr. Himanshu Dwivedi, Coordinator, Dr. VNK Merit Scholarship. Sopan Volunteers were took initiative to contacting schools in about 5 km vicinity of the IITK Campus. 750 students from 40 schools enrolled for examination. 630 students appeared for the examination, this was the highest number of students till now. This shows the commitment of Sopan volunteers towards the work.

The contact drive was undertaken in the months of December and January during which all the schools were mostly closed due to winter vacation and also closed for a longer period due to protest against CAA. But our volunteers took it as a challenge and came out with flying success. Examination Cell was very happy to conduct the examination successfully and smoothly at 3 different centers. After the examination answer sheet corrections were made at Sopan Ashram, Some teachers from the local schools also gave their time in answer sheet correction. The first merit list was announced on 22nd February but this is not the final selection for the scholarship. The actual selection for giving scholarships is based on the financial condition of the family

Based on the performance, a total of 32 students were selected for the first round. Second phase will be the financial survey of the family.



Sopan Anaupacharik Shikshan Kendra (SASK)

SASK did several activities in month of February. These activities helped the children to develop themselves. As we know that the development of children become necessary for the current scenario and SASK works towards it.

Quiz Competition

Swami Vivekananda Vidyalaya (SVV) which is located in Lodhar organized Quiz Competition on 6th February at Sopan Anaupacharik Shikshan Kendra, in which students of class-6 to class-8 of SASK along with the students of Prayas participated in quiz competition at SASK, Barasirohi. SVV teachers came to SASK and organized the whole event nicely.

Prize distribution event was organized on 9th February at Swami Vivekananda Vidyalaya. Two students of SASK of Class 8th Ms. Kashish and Ms. Anahita were awarded for their tremendous performance.

Smart Class

SASK also initiated the digital class for students via projector. Such classes are held every Saturday. IITK Students Shashwat Ji took the first digital smart class in SASK. He showed a video to students which was based on **"Jal Hai to Kal Hai"**. In this video, students got to know about the various projects running by the Government of India. The next Saturday, he showed the video based on **"Atoms"**. In which students got the chance to know the history, structure, and formation of atoms. After the video students discussed about atoms and asked so many questions to Shashwat ji and he replied to the questions. Students are attracted by these smart classes and through these classes they discussed so many topics very easily.



Math's Classes

In February from 10 to 15, SASK conducted the Math's workshop for creating interest among the children. In this workshop IITK student, Mr. Vivek Ji took sessions. He taught various methods of solving Math problems. Vivek Ji also told inspirational stories of famous Mathematicians like A.R Rao, Ramanujan, and Raj Chandra Bose.



Jano English

Every Monday, IITK student, Mr. Shashank Ji is giving English classes to the children. He taught grammar (Preposition, Tense, Active and Passive Voice, etc.) to children and gave exercise related to these topics. He also put efforts to make children speak in English.



National Science Day

Shiksha Sopan Anaupacharik Shikshan Kendra organized National Science Day on 28th February at the campus of SASK. The program was inaugurated by lighting the lamp in front of Maa Saraswati by Mr. Debmalya Sen, Physics Teacher, from Kolkata and Mr. Amit Kumar Bajpai, Senior Volunteer, Shiksha Sopan. The whole event was focused to give chance to students to understand that science is everywhere. Mr. Debmalya Sen and Mr. Amit Kumar Bajpai showed different types of simple eye catching experiments using very simple materials like balloon, coin, etc. These science experiment increased the interest among the children towards science. Children also made small models with their own hands using very low cost and house hold things. These models like Magnetic car, Hydraulic JCB Model, Motor Boat, Ribbon Car, etc were displayed and presented by children in front of guests. Two of the models were selected for prize. 1st prize was given to Hydraulic JCB model made by Surjit of Class 8th and the second prize was given to Ribbon Car model made by Anahita of Class 8th

Information about Leap year

On February 29, Seema Ji, Coordinator of SASK, told about the leap year. Normally there are 365 days in year and there are 366 days in a leap year and now the next leap year will come in 2024.



Barasirohi Evening Center (BEC)

The month of February was very hectic to the students because of final examination. This month BEC helped the children to prepare them for the exam especially of standard 10th and 12th. Volunteers of Sopan also motivated the students to perform well in exams. BEC coordinator Ms. Geeta also gave the stationary items related to the exam to the children of BEC.

Flower Show Visit

IIT Kanpur organized a flower show on 22nd and 23rd February in their Nursery. Children of BEC got the chance to see the beauty of nature through this flower show. All children took knowledge about the different varieties of the flowers. They also got to know how they can take care of small plants. They were very happy to see the beauty of nature and clicked photos with their mobiles.



Information about Corona Virus

As we know that the Corona Virus Has become major health issue through out the world. To make students aware of the prevention from this Virus, BEC conducted a session that was given by one of the IITK volunteer Mr. Abhishek Savarnya. In this session, children got to know about that from where this Virus is spreading. Abhishek ji also told us that this Virus gets activated once it enters in the body. He also told them how can we protect ourselves from this Virus.



Sopan Ashram Evening Center

SAEC brings out its own news magazine named "SAMVAD" written by children and volunteers of the center. SAMVAD of March 2020 is also attached. The main highlights are given below.

- In Feb Volunteers prepared the students for the board examination of slandered 10th and 12. Mr. Deepak Sahu took great initiative to conduct series of Math's test of these students to polish them for examination.
- Preparation of participation of Class 5th,8th, and10th students for VNK merit examination.
- Remember the martyred of Pulwama attack on 14th Feb 2020.
- To prepare students of class 8th for Jawahar Navodaya Vidyalaya entrance test and appearing in the test. The exam was held on 8th February.
- 30 children and 8 volunteers visited flower show on 23rd February at IITK nursery. IIT Kanpur organizes this flower show annually.
- 3 students were selected in the first merit list of VNK exam from SAEC.
- Welcome song for Participants of BALSHALI camp by SAEC.

Development Of Science Tourism Initiative (DOSTI) and Science Cell

Sopan Ashram is slowly developing as tourism place of Science. The labs are arranged in this way that school students, teachers can visit and learn the Science through experiments. The mottos of DOSTI are to develop Scientific temperament among the visitors, to understand our nature closely, development of thinking, curiosity etc .

The outdoor gallery is also arranged for tourism, one long pendulum of 25 feet is hanging from the building and it is more attractive among the visitors. This month 307 students and 47 teachers visited our labs. These visits were coordinated by Mr. Amit Kumar Bajpai. The brief description about the visits are given in next page .

Apna School Visit

On 1st February Apna School, Tatiyaganj which is working for bricks workers children visited the Sopan Ashram. Mr. Abhishek Savarnya, IITK student coordinated this visit. 65 students from class 6th to 8th along with 10 teachers came to Sopan Ashram.



The theme of the visit was “**Vigyan Se Dosti**”. Firstly these students got the chance to interact with Dr. H. C. Verma. Verma sir told them about the nature, it is a very large experimental lab. We had arranged a special talk on history of bulb, how the bulb was invented. Mr. Manish Yadav, Dibiyapur told the research story of the bulb as like Katha. He demonstrated so many experiments related to talk. This was the wonderful event of the day. Students also visited our labs, Mr Sirish ji, IITK student showed ISRO room and Mr. Sumit showed Source of light room to the students. Students also did one activity with their own hands under the supervision of Mr. Ranjit Kumar.

Surbhi Education Center Visit

Surbhi Education Center, Basaosi visited the Sopan Ashram on 8th February. 73 students along with 6 teachers and principal Mr. J N Awasthi came to visit. Mr. Somnath Danayak, ACMS, IITK our senior member of Sopan showed some experiments related to Electromagnetism. Mr. Vijay, Science Cell, Sopan showed various experiments based on optics. He showed how we can see the object, why we have two eyes, reflection, refraction through very simple methods, which schools teachers also demonstrate in their school during the teaching. Students did the activity to understand the law of reflection using LED as light source and two slits of cardboard. They also showed the willingness to come again for a visit in near future.



Jila Vigyan Club Visit

Convener of Jila Vigyan Club Mrs. Kiran Prajapati and Mrs. Namita Singh, ADIOS, Kanpur came for visit along with 50 students (class 9-12 from 4 different schools) with 18 teachers on 11th February. Firstly, they were shown various types of experiments and provided some knowledge of some science topics. Mr. Vijay Kushwaha and Mr. Amit Kumar Bajpai gave the session. Students also visited R & D Lab of Shiksha Sopan where various type of experiments has been developed.

Katyayan School Visit

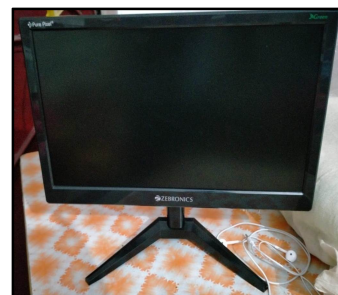
Visit of Katyana School was done over two days i.e 17th & 18th Feb. On the first day, 42 students of class 8th came along with 2 teachers. Initially, these students were given demonstrations on sound by Amit Kr. Bajpai. Where they learned how sounds travel in medium and also understood the nature of waves through cycle spokes model and slinky. After the demo session, Mr. Atul and Ms. Vaishnavi showed them the labs of Shiksha Sopan.

On the next day, 71 students of class 7th along with 4 teachers visited the Sopan Ashram. First session was taken by Mr. Amit K Bajpai and they talked about Heat. They also did the outdoor activity of Maths, where they calculate the radius and circumference of the cemented circle and also measure the time period of Pendulum. Dr. H. C. Verma gave the out door demonstration of pendulum. Katyayan school also donated Rs 11,000 to Shiksha Sopan.



Science Cell

Science Cell always works for invention and innovation in the field of technology. This month Science Cell came up with new innovation. One of the volunteer Mr. Vijay Kushwaha made a new computer which is based on Raspberry Pie. This computer can be operated by 5V input. This computer has only one screen in which CPU is inbuilt and it is very light in weight. The Raspberry pie was gifted by one of our well wisher Mr. Vishwa Mukh Bhardwaj.



अंधकार को क्यों धिक्कारे, अच्छा हैं एक दीप जलायें

Other Information's

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, IIT Kanpur 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.

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