

Shiksha

Sanskar

Swavalamban



Shiksha Sopan

An Initiative of IIT Community for social upliftment

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Newsletter April 2024

Hello Readers

Greetings from Shiksha Sopan !

The April newsletter featured a brief report on the activities of March 2024 for all centers associated with Shiksha Sopan. Highlights include student visits to Sopan Ashram, teacher interaction programs, exam preparation sessions, Pravah Bal Akhbaar, Sanskar Shala, and visits from former team members. The brief report of centre wise are given below

Sopan Ashram Activities (SOASHA)

PPN Degree College student's visit

Dr. Satish Chandra, a Senior Professor at PPN College, Kanpur, contacted us to arrange a visit to Sopan Ashram, specifically for our Material Science lab. We accepted his request and organized the visit. On March 2, 2024, ten final-year B.Sc. students, accompanied by Dr. Chandra and another faculty member, visited Sopan Ashram for a four-hour session.

In the first session, Mr. Himanshu provided a brief introduction to the Material Science laboratory, outlining the facilities available at Sopan Ashram for undergraduate and postgraduate students. Dr. H. C. Verma then engaged with the students, discussing research problems and offering deeper insights.



Mr. Himanshu introduced each of the instruments available in the lab to the students, one by one. Some interns were also present that day, and they explained their projects and how they began their internships at Sopan Ashram. The exposure visit to Sopan Ashram was very fruitful for the students.

They expressed interest in collaborating with us in the near future. Dr. M. Dinachandra, the Coordinator of the Material Science Laboratory, provided a brief introduction to battery materials research happening worldwide. Mr. Amit Kumar Bajpai, who coordinated this visit, thanked everyone and extended an invitation for a future visit.

Bichiya Block, Unnao Visit

On March 7, 2024, 100 students and 15 teachers from the Bichiya block of Unnao visited Sopan Ashram. The visit was coordinated by Mr. Shashank, an Academic Resource Person (ARP). The students were academically excellent, and the teachers were very enthusiastic, participating in all the activities we organized for them.

We began with a general session where we demonstrated eye-catching experiments related to electricity. Given the brightness of the students from Bichiya block, we explained series and parallel connections using two pencils, a 12V DC power supply, and a torch bulb. When the pencils were connected in series with the bulb and power supply, the bulb started glowing. When the connections were made in parallel, the bulb glowed even more brightly. The students and teachers were delighted with this demonstration. The teachers mentioned that they would replicate this low-cost and informative experiment in their schools.

After the general session, the students were divided into groups for lab visits. Shiksha Sopan team members guided each group through various laboratories, including the Electromagnetism Lab, Optics Lab, R&D section, and Outdoor Experiments area.

At the end of the visit, everyone gathered for a group photograph with the Shiksha Sopan team members. The students and teachers were very happy to experience this unique scientific center.



Kakwan Block, Kanpur Dehat visit

On March 9, 2024, 100 students and 12 teachers from basic government schools in the Kakwan block, Kanpur Dehat, visited Sopan Ashram. The students were very excited and eager to see more science experiments at Sopan Ashram. The Shiksha Sopan team began with a general session where they demonstrated eye-catching experiments. These included circuits, conductors and nonconductors, a double-wall magic pot, and more. The visit concluded with a group photograph of the students, teachers, and Shiksha Sopan team members.



Umarda Block, Kannauj Visit

A wonderful visit of Umarda block, Kannauj conducted at Sopan Ashram on 30th March 2024, Around 100 students and their teachers visited and enjoyed a lot.



Ideal Education Center, Chaubepur, Kanpur

On March 23, 2024, students from grades 9-10 of Ideal Education Center, Chaubepur, Kanpur, visited Sopan Ashram, accompanied by two teachers. Dr. H. C. Verma conducted an interactive session on Earth. Using a globe, he explained various geographical concepts and discussed the formation of the Earth, its separation from the Sun, and the emergence of life. The session was highly engaging for the students, who enjoyed it immensely and asked Dr. Verma questions about his lifestyle. He answered their questions and gave them his blessings for a bright future.



Madhavgarh Block, Orai Visit

Students from grades 6-8 traveled over 150 kilometers to visit Sopan Ashram, with Madhavgarh, Orai being approximately 157 kilometers from Kanpur. For many children, it was their first time visiting Kanpur. The students were visibly excited and demonstrated their enthusiasm throughout the session. Mr. Ranjit and Mr. Yogesh conducted a wonderful session, where both the students and their teachers enjoyed the science experiments. Initially, the children felt like they were witnessing magic. However, when the Sopan members explained the tricks and the science behind the demonstrations, the students were able to understand the science behind the apparent miracles.



First Sunday Club

Every month, teachers gather at Sopan Ashram to discuss science with Dr. H. C. Verma. In March, the meeting was held on the 3rd. Despite heavy rain threatening to cancel the session, the rain stopped just in time, and about 15 people gathered for the discussion. Dr. H. C. Verma led the session, addressing the teachers' questions and problems. One highlight of the session was an activity related to resistance and capacitance using simple pencils. The graphite in pencil leads is conductive, so sketching a line with a pencil creates a path that behaves like a wire. It was a great learning experience, and the teachers gained valuable insights from Dr. Verma.

Senior Physics teacher Dr. D. C. Gupta conducted a straightforward yet highly informative activity, measuring resistance with a multimeter and capacitance with a C meter.



Sopan Anaupcharik Shikshan Kendra (SASK)

Plantation

On March 2nd, a Plantation program took place at Shiksha Sopan Anaupcharik Shikshan Kendra. During the event, students were educated about soil quality and methods to enhance soil fertility. As part of the activity, students brought soil from their homes to plant saplings in the center. The soil was then placed in pots, and the saplings were carefully planted.



Ganit Ka Khel

At Shiksha Sopan Secondary Education Center, from March 12th to 13th, a mathematics-themed activity was organized to enhance students' interest in the subject. Various engaging games and activities such as 'making a century' and number games were incorporated to involve students from classes 1 to 2. The aim was to make learning about numbers and shapes enjoyable and interactive for the students.



Annual Exam

The annual examinations for all students commenced on March 14th. Students of class 5 and class 8 took their exams at GPSN Vidyalaya, while the rest of the classes conducted their examinations at Shiksha Sopan Anaupcharik Shikshan Kendra. The examination period lasted until March 23rd.



Gauraiya Diwas

On March 20th, SASK celebrated Gauraiya Diwas. Seema Verma, the Coordinator of SASK, enlightened students from all classes about the significance of Gauraiya. They engaged in crafting small houses for Gauraiya using cardboard, colorful papers, and other materials. Additionally, they collectively pledged to protect Gauraiya by regularly providing food and grains at its house. In an effort to raise awareness about sparrow conservation, Rani and Avantika from class 4 serenaded the students with a song.



Pravah Baal Akhbaar

The March edition of Pravah Baal Akhbaar was compiled by Muskaan and Shreya from class 8. Rani from class 5 shared her thoughts in the 'Suvichar' column. Shivmohan from class 6 expressed his views on Sparrow Day. Additionally, Shreya from class 8 penned a captivating poem about the Holi festival for our festival column.



Sopan Ashram Evening Center(SAEC)

Book Distribution

On March 5th, donated books were distributed to well-performing and well-behaved students in classes 6th to 8th at the center. Bhuvan Bhatia ji oversaw the distribution process.



Mathematics class by Shrey Solanki

Shrey Solanki conducted a special Mathematics class for students in class 9 and class 10. He began by elucidating the importance of mathematical formulas in problem-solving, teaching students mnemonic techniques for memorization. Following this, he guided them on understanding the underlying concepts of questions. Additionally, he simplified complex mathematical problems using straightforward formulas.



Science Class by Deepak Sahu

Deepak Sahu, a Ph.D. student at IIT Kanpur, conducted a special science class for 9th-grade students. He explained key scientific principles, strategies for understanding and answering science questions in exams concisely.



English Class by Mr. Anubhav

A special English writing class was organized for students in grades 9-12. Mr. Awasthi introduced the present indefinite tense and instructed students on translating from Hindi to English. The session was enjoyable for students, who actively practiced translating numerous sentences into English.



Special Class of H. C. Verma Sir

The students at SAEC eagerly anticipate Verma Sir's classes. In a recent session, Verma Sir conducted a special Mathematics class, initiating it with a thought-provoking question: 'Can we draw a triangle with more than one right angle?' After engaging the students in discussion and hearing their responses, Verma Sir proceeded to explain angles and triangle properties using a simple methodology.



Barasirohi Evening Center

Examination Preparation

The final exams for all students commenced in March at the school. Deepika ji and Pushpendra ji oversaw the preparations, aligning them with the school curriculum. Anup Asthana ji provided assistance to students specifically in English.

Competition

On March 22nd, a competition centered around World Water Day and the significance of colors was organized at the center. Children had the opportunity to participate through writing or speaking, sharing ideas on water conservation. Additionally, some students showcased their creativity through wonderful drawings reflecting both themes. The students expressed joy in participating in this distinctive competition and activities.

Former center coordinator visit

On March 16th, Ms. Geeta Ji, former Center Coordinator, paid a visit to the BEC. She engaged in conversations with the children, discussing their studies, health, and families. The students were delighted to interact with Geeta Didi. During her visit, Geeta Ji also sang "Desh Hame Deta Hai Sab Kuch..." with the students, reminiscing about her previous days spent at the center.

Holi-Celebration

On March 23rd, the Holi festival was celebrated at the center. Pushpendra ji enlightened the children about the significance of Holi and extended his warm wishes to everyone and their families. Kshma ji narrated the story of Holika and Hiranaykashyap. Alumni of BEC, including Ms. Jyoti, Mr. Ajam, Ms. Dipika, and Mr. Saurabh, graced the occasion and shared their experiences with the audience. Kshama ji and Pushpendra ji applied Gulal on the children's foreheads and encouraged them to celebrate Holi responsibly.

Sopan Library

Sushri Shashikala Joshi Smreti Pustakalaya, commonly known as Sopan Library, situated at the Type One Community Center, IIT Kanpur, served as the venue for numerous engaging activities throughout the month of March. Here's a glimpse into the diverse array of activities that took place:

- ✓Each day at the library begins with a Sarva Dharma Prathana, where all members gather for a moment of collective prayer.
- ✓Following this, an educational story is shared and discussed among the members, fostering intellectual engagement and exchange.
- ✓Further, in the Sansakarshala program, students are encouraged to deliver impromptu speeches lasting two to three minutes on assigned topics, supplemented by recitation of Slokas.



✓ Sopan library celebrated Holi and discussed among the groups why Holi is celebrated. They also organized drawing competition among the students in two groups. Mrs. Abhilasha Vishwakarma, teacher, campus school, IIT Kanpur invited as guest in the function.

✓Mr. Bhaat Shaumaya, EC member and member of Sopan library narrated his self written poetry on Holi which was appreciated by all.

✓Mrs. Bapat, an esteemed senior member of Sopan Library, generously dedicates her time to the fellow members to contribute positively to society. Her consistent presence serves as a source of motivation for all.

✓Members procured new books and meticulously restored the old ones, maintaining the library's collection. Any books deemed unfit for use were promptly discarded.



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](#)

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