



Shiksha Sopan

An Initiative of IIT Community for social upliftment

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

Newsletter August 2025

Dear Readers,

Namaste! The July 2025 newsletter contained July activities of all the centres. Shiksha Sopan conducted a 5-days camp for students at Sopan Ashram, A local contact in Nankari, Chak-Ratanpur and Lodhar conducted specially for the camp. First Sunday Club for teachers, Outreach activity of Shiksha Sopan in IIT Kanpur, Academic activities at SASK and Pravah Baal Akhabar, SAEC activities and its camp, Sopan library and BEC were running very well.

Please find the centre wise reports given below

Shiksha Sopan conducted a Science Show at IITK

A vibrant science workshop was organized at IIT Kanpur for approximately 300 students of Class 8th from Kendriya Vidyalaya, IIT Kanpur. The event featured an engaging 2.5-hour Science Show, conducted by Yogesh Ji, Ranjit Ji and Himanshu ji who captivated the young audience with interactive demonstrations and fun scientific insights. The session included several experiments and conceptual discussions aimed at stimulating curiosity and scientific thinking among the students. Some key highlights of the show were:

Static Electricity: Demonstration of a rotating scale to explain the effect of static charge.

Air Pressure: A fun and engaging experiment titled "Who Will Drink First?" to illustrate the concept of air pressure.

Human Senses: A discussion on why humans have two ears, using simple activities to show how we perceive direction and distance of sound.

Reflection of Light: Demonstrations of multiple reflections using mirrors, including an exciting activity with the basket mirror.

Fun Science Games: The show was further enriched with interactive science-based games that brought joy and learning together.



First Sunday Club (FSC) at Sopan Ashram

As a special arrangement, the **August session of the First Sunday Club (FSC)** was conducted in advance on **27th July 2025**, due to upcoming engagements in early August. The session was held at **Sopan Ashram, Kanpur**, and continued to uphold the tradition of collaborative learning and discussion under the guidance of **Prof. H.C. Verma**. The session ran for **two hours**, beginning at **10:00 AM**, and opened with a **self-introduction** round.



Especially in this FSC, Dr. H. C. Verma sir discussed, Plane of reflection, Ampere's Circuital Law, Teaching Methodologies, and also focused on how to introduce quantum science at school level

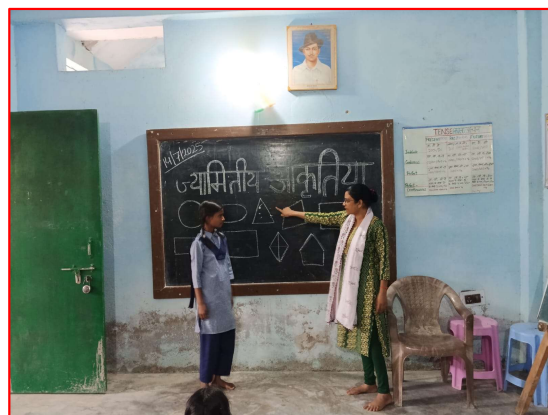
Sopan Anaupacharik Shikshan Kendra (SASK)

SASK reopened after the summer vacation on 1st July. The following academic activities were conducted for the student in July.

Academic Activities

student from Classes 1 to 5 were given information about different types of leaves, helping them observe and understand nature more closely. For students of Classes 6, 7, and 8, the concepts of atoms, molecules, and the states of matter—solid, liquid, and gas—were explained with practical examples. They also learned to write the symbols and molecular formulas of various elements.

Students were actively involved in demonstrating methods of separation through simple science experiments.



Class 5 students were introduced to important topics like the protection of environmental animals, endangered species, and wild animals, fostering awareness about biodiversity.

In Mathematics, student learned to calculate discounts, find squares and square roots of numbers, and determine cubes using algebraic identities. In the Statistics section, they were taught how to find the mean using pie charts. In English, students practiced reading chapters from their textbooks to improve fluency and comprehension.

Sunita Ji engaged the student in a meaningful discussion about the causes and effects of floods and heavy rainfall in their surroundings, helping them understand environmental challenges through real-life examples. She also narrated inspiring stories from the lives of great personalities such as Satyawadi Harishchandra and Eklavya, highlighting their virtues of truthfulness, dedication, and respect for teachers. Ms Anamika regularly works with students of Classes 1 and 2 to help them memorize multiplication tables. She also teaches them to recognize pictures of flowers and vegetables drawn on the blackboard and pronounce their names in English, enhancing both their vocabulary and observation skills.

World Paper Bag Day Celebration – Craft Activity

On the occasion of World Paper Bag Day, celebrated on 12th July, a special craft activity was organized at SASK. During this activity, the student learned to make colorful paper bags under the guidance of Ms. Seema Verma.

The objective of the activity was to promote the use of paper bags over plastic bags and to raise awareness among student about the importance of eco-friendly alternatives.

Seema Ji explained to the student how paper bags are biodegradable and environment-friendly, unlike plastic bags that harm the environment. Through this hands-on session, student not only developed their crafting skills but also understood the importance of sustainability. Seema Ji also appealed to both student and their parents to avoid plastic bags and adopt paper bags in their daily lives for the betterment of the environment.



Mango Day Celebration

In the month of July, the student at SASK joyfully celebrated Mango Day. On this special occasion, they were introduced to various varieties of mangoes—known as the "king of fruits" and a much-loved symbol of summer.

The student got to taste popular types of mangoes such as Dasheri, Langra, and Chaunsa, and they also learned about the unique features and flavors of each variety.



Adding a creative touch to the celebration, Chetna of Class 2 recited a delightful poem titled "*Mango is the King of Fruits*," which was thoroughly enjoyed by all.

Interaction session with Sonam Dwivedi

Sonam Dwivedi, a former student of SASK, is currently pursuing a Bachelor of Computer Science and Master in Quantitative Finance from Ahmedabad University, Gujarat.

In July, Sonam visited the center to meet the student and teachers who once guided her. During her visit, she shared her inspiring journey with the students. Sonam told them, "The place where I am sitting today and the teachers who are educating me—I too once sat here and studied just like you all. And today, I am on my path to higher education." Her words deeply motivated the student and filled them with hope and ambition.



Pravah Baal Akhbaar – July Edition

The July edition of Pravah Baal Akhbaar was creatively prepared by Durgesh and Shiva Arya of Class 8. This student-led newspaper featured a vibrant mix of art, poetry, and thoughtful writings and creativity of the student.

To mark Guru Purnima, Rani of Class 6 presented a beautiful drawing on the theme of *Guru Vandana*, while Rimjhim of Class 6 contributed a heartfelt poem dedicated to *Guru Parva*. The popular quiz column "Bujho To Jaane" was compiled

by Durgesh, while Pallavi of Class 6 shared an inspiring thought in the "Suvichar" column. Shivani of Class 5 contributed to the "Gyan Mahasagar" column, offering interesting facts and knowledge. Adding a touch of seasonal beauty, Avantika of Class 7 wrote a lovely poem on *Sawan*, and the "Hamari Kalakari" section showcased a beautiful painting of *Radha-Krishna* created by Mansi (Class 7) and Sanchi (Class 6).



Visit to the Vigyanalaya at Opportunity School

The student and teachers of SASK recently visited the Vigyanalaya (Science Laboratory) at Opportunity School. During the visit, the student explored and understood various scientific concepts and experiments.

Anubhav ji and Akanksha ji guided the student through the visit. They introduced the students to different measuring instruments such as tools for measuring length, time, and temperature, and explained their uses in daily life and scientific applications. Akanksha ji



demonstrated the laws of reflection and refraction of light through engaging experiments. Meanwhile, Anubhav ji explained the phenomenon of light refraction using a prism and showed how a spectrum is formed.

The student were especially fascinated by the experiment showing the dispersion of white light through a glass prism. Through this demonstration, they learned how white light splits into seven colors when it passes through the prism.

At the end of the visit, the Principal of Opportunity School, Ms. Chetna Mishra, along with Ms. Shikha, extended their best wishes to all the student for a bright and successful future.

Sopan Ashram Evening Center(SAEC)

Jansampark by Sopan Volunteers for 5 Days Educational Camp

In July, Shiksha Sopan organized a five-day educational camp to engage student from Classes 6 to 12 at SAEC. The objective of the camp was to provide student with an opportunity to learn, explore, and enjoy through a variety of educational and interactive activities.

As part of the outreach effort, Shiksha Sopan volunteers conducted a door-to-door awareness campaign in nearby villages such as Nankari, Lodhar, Chakra Ratanpur, Hora Bangar, and Naramau. They informed families about Shiksha Sopan's mission and encouraged them to enrol their student in the camp. As a result of this extensive public relations effort, 140 registration forms were received.

In this five-day educational camp, student were given special Maths classes, Science classes, Electronics, Computer, interesting experiments in Science, and high-energy games — all of which were included as subjects for the student to learn and enjoy.



The camp started on 28th July, with the Councillor (Sabhasad) of Nankari, Mr. Sunil Paswan, and the Pradhan of Lodhar, Mr. Rajiv Ji, present at the inauguration. The program began with the offering of flowers to Maa Saraswati and the lighting of the lamp. All the student present were given detailed information about the camp. After that, the student were sent to their respective classes for various activities. The student enhanced their knowledge and learned a great deal during the camp. Further information about the camp will be shared next month's newsletter.

Special Chemistry Class by Bapi Ji

In the special Chemistry class, Bapi Ji taught Coordination Chemistry to the Class 12 students. The session covered topics such as what a coordination bond is, how to identify coordination compounds, and included various illustrative examples. In addition, Baapi Ji explained how to find the geometrical shapes, magnetic properties, and hybridization of different coordination compounds.

The class was both fun and highly informative, and the students enjoyed it a lot.



Barasirohi Evening Center (BEC)

This month, classes for all the student at the centre ran smoothly. The students resumed their studies according to the reopening of their schools and the new academic syllabus. Under the guidance of Pushpendra Ji, all the student brought their textbooks to the centre to study and gain a better understanding.

Visited by Ayan Ji

In the session, he asked each student individually about what they aspire to become in the future. The student enthusiastically shared their dreams and goals. Ayan Ji then spoke in detail about the importance of education and encouraged the student to not only focus on academics but also to develop a skill—any skill that interests them.

Ayan ji said that after visiting the centre and interacting with the students he felt very happy and old memories were refreshed.

On 14th July, former volunteer of the centre Ayan ji came to visit the centre. He is currently serving as an Assistant Professor. During his visit, he conducted a special class for all the student.



Special Session and Academic Class

On 26th July, Pushpendra ji informed all the student at the center about Shubhanshu Shukla, who went on a space trip in June and stayed there for 18 days, conducting research on various things. Shubhanshu Shukla returned to Earth on 14th July in a Dragon capsule, and has now also been selected for the upcoming Gaganyaan mission. This month, Kshama ji taught all the students calligraphy and writing in Hindi and English. Pushpendra ji taught math and science to the students.

Sopan Library

- ❖ The activities planned for the library in the month of July are as follows: At present, student in the library are being taught to memorize the names of the 18 Puranas.
- ❖ The importance of yoga in our lives needs no explanation. At the library, yoga sessions are regularly conducted for both student and everyone. Each session also includes 5 minutes of Om chanting, promoting calmness and concentration.
- ❖ Since the month of Sawan began on 11th July, Shiv Tandav is performed daily in the library. On this occasion, the Shiv Puran is also recited, and all the attendees enjoy listening to the stories.
- ❖ A writing competition was organized for the student in the library, and Saraswati Vandana was also performed with them to invoke blessings for learning and wisdom.
- ❖ On this day, a monthly magazine was read by the women who regularly visit the library.
- ❖ Additionally, the student were taught how to make Rakhis. They created beautiful Rakhis, which they took home to use during the festival.



अंधकार को क्यों धिक्कारें, अच्छा हैं एक दीप जलायें

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

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Email Contacts : hcverma@iitk.ac.in, anurag@shiksha-sopan.org, sopanbajpai@gmail.com
info@shiksha-sopan.org

Postal Contact : *Sopan Ashram, 12/1-3 Chakratanpur Road Nankari, Kanpur 208016*
Dr. H. C. Verma, Dept of Physics, IIT Kanpur, Kanpur 208016

Phone contacts : *Mr. Amit 9506611484, Mr. Ranjan 9235905046*