



# Shiksha Sopan

**An Initiative of IIT Community for social upliftment**

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**Newsletter January 2025**

Dear Readers

Wish you all a very happy new year, 2025

The Newsletter of January contained December activities of all the centres at a glance. Sopan Ashram was very busy with school visit, Sopan volunteer participated in largest Science Fair, Pravaah Baal Akhbaar, Evening learning centers, and Sopan library are running as usual.

A summary of the activities is here for you.

## Visit of Sopan Ashram

The last month of the year, December 2024, were too much busy for Sopan Ashram, a total of 13 visits and approx. 850 students were visited Sopan Ashram. Sopan Ashram is very famous among the schools due to its natural atmosphere, scientific culture, and also because of Dr. H. C. Verma sir's presence.

The name of the schools that visited Sopan Ashram and learnt many scientific activities in a simple way are listed below-

S.No	Date of Visit	Name of the school	No of visitors
1	10/12/2024	Durgawati Durgaprasad Sanatan Dharm Balika Vidyalaya, Navabganj, Kanpur Nagar	42
2	11/12/2023	Jr. Students from Fathehpur Chaurasi Block, Unnao	115
3	13/12/2024	Jawahar Navodaya Vidyalaya, Kanpur Dehat	54
4	14/12/2024	Jawahar Navodaya Vidyalaya, Unnao	80



5	16/12/2024	Jr. Students from Chaubepur Block, Kanpur	110
6	17/12/2024	Jr. Students from Safipur Block, Unnao	120
7	18/12/2024	Delhi Public School, Kidwai Nagar, Kanpur (11 <sup>th</sup> )	52
8	19/12/2024	Delhi Public School, Kidwai Nagar, Kanpur (7-8)	65
9	21/12/2024	Katyayan School, Jawaharpuram, Kanpur	55
10	23/12/2024	Katyayan School, Awas Vikas, Kanpur	50
11	27/12/2024	Jr. Students from Kurara Block, Hamirpur	110
12	28/12/2024	TRSD Education Center, Kanpur	35
13	30/12/2024	Royal Dream Public School, Bithoor, Kanpur	52

### Participation in IISF 2024

The India International Science Festival (IISF) is an initiative of the Ministry of Science and Technology and the Ministry of Earth Sciences, Government of India, in association with Vijnana Bharati. Council of Scientific & Industrial Research India (CSIR-India) has been entrusted for execution and successful implementation of the 10th edition of IISF. IISF 2024- scheduled to be held in Indian Institute of



Technology, Guwahati, during 30th Nov. to 03 December, 2024, resonating with its theme, 'Transforming India into a Science and Technology-Driven Global Manufacturing Hub' is poised to continue its illustrious journey, promising an exhilarating exploration of science and technology.

Mr. Amit Kumar Bajpai participated as resource person in this event and interacted with around 1200 students.

### First Sunday Club (FSC)

FSC was held on 8<sup>th</sup> December, 2024 at Sopan Ashram. This time teachers interacted with Dr. H. C. Verma sir and asked their doubts. In this FSC, Mrs. Smita Fangariya also showed some experiments related to sound and vibration. Dr. R K Awasthi, Coordinator, RAMAN-IAPT Anveshika, Agra was also present in the FSC and interacted with FSC members.





## Dr. V. N. Kulkarni Merit Scholarship Examination

Every year Shiksha Sopan conducts this examination and distributes scholarship to the needy and bright students. The examination honors the memory of Late Dr. V.N. Kulkarni, former Professor of Physics at IIT Kanpur and a guiding figure for Shiksha Sopan. The goal is to enhance the educational quality of society by recognizing and rewarding academic talent. The examination conducted at 26 examination centers. Around 1300 students took this examination and more than 100 dedicated volunteers were involved in conducting the examination successfully. The result will be announced on 26<sup>th</sup> January, 2025. After this second level process of the selected students will start.



A get-together party was organized for dedicated volunteers who gave his/her time to conduct the VNK examination.

Dr. H. C. Verma sir interacted with these persons and invite them to do better work for the society. The video recording of the talk is available on YouTube, the link of the video is here for you, you may watch the video, using this given link

<https://youtu.be/XkBGLyzkkVw?si=87phkD9vu35Ndmra>



## Sopan Anaupacharik Shikshan Kendra (SASK)

### **Academic Activities**

#### **1. Activities Conducted by Ms. Seema Verma:**

- ❖ Class 7 students created a model to understand the local value of decimal numbers.
- ❖ Durgesh, Shiva, and Arya from Class 7 prepare a model to explain integer numbers. Seema ji used this model to teach the concept.
- ❖ Students from Class 5 to 8 were introduced to computer shortcut keys.
- ❖ Class 5 students learned the difference between open and closed figures and participated in an activity to calculate LCM.

#### **2. Activities Conducted by Ms. Sunita:**

- ❖ Students from Classes 6 to 8 were taught about the major rulers of the Mughal period, their contributions, and social and cultural features of the era.

- ❖ Class 5 students learned about judiciary importance, as well as the identification of Mughal-era buildings and related paintings.
- ❖ In Hindi, Sunita Ji taught couplets by Mirabai, Raskhan, and Tulsidas.

### 1. Activities Conducted by Ms Jaya:

- ❖ Class 1 and 2 students learned about years, months, and days, along with interesting facts about festivals celebrated during these months.
- ❖ Daily, Jaya narrated educational stories to the students and engaged them with oral questions based on the stories.



### Half Yearly Examination

The half-yearly examinations were conducted from 12 to 19 December 2024. The question papers were prepared by the teachers. The evaluation of the answer sheets was also carried out by the teachers. After evaluation, the answer sheets were shown to the student to help them identify and understand their mistakes. This process aimed to ensure that the students learn from their errors and avoid repeating them in the future examinations.



### Parents Meeting

A parents' meeting was organized on 28th December at the Shiksha Sopan Anaupcharik Shikshan Kendra. Teachers discussed the parents' daily routines and how they could support their student's education. The half-yearly examination results were shared with the parents. Parents of student who performed well were appreciated by the teachers. This initiative aimed to motivate parents to continue supporting their student's studies at home



### Ganit Diwas

Mathematics Day was celebrated on 23rd December at SASK. Seema ji shared insights about the life and contributions of the great mathematician Srinivasa Ramanujan with the student.

**Interactive Game:** Seema Verma ji conducted the Geometric Box Family Math's Game for students of Classes 6 to 8, explaining the importance and uses of geometry box instruments.



**Working Model:** Under Seema Verma's guidance, students Durgesh, Shiva, Aryan, and Shiv Mohan prepared a Ramanujan Magic Square Math Working Model, showcasing Ramanujan's mathematical ingenuity.

### **Pravaah Baal Akhbaar**

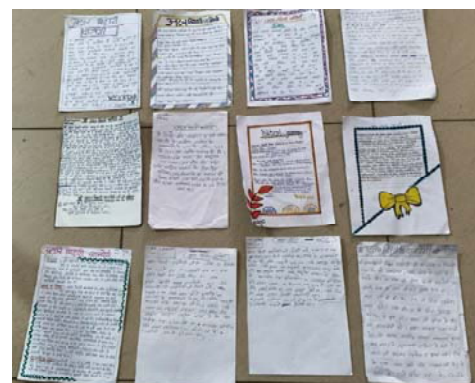
The December month's Pravaah Bal Akhbar was prepared by Aryan of class 8 and Sahil of class 5 in which Shreya of class 8 has given information about Tulsi Diwas. Kajal of class 8 published a beautiful picture on Christmas. Durgesh of class 7 told about the teachings of Bhagwat Gita on Gita Diwas. Aryan of class 8 published the news of severe cold in December in Pravaah Bal Akhbar. Avantika of class 5 presented a student's poem. Muskaan presented a beautiful picture in Hamari Kalakari Kalam.



### **Sopan Ashram Evening Center (SAEC)**

#### **Atal Bihari Vajpayee**

Mr. Vinay K Mishra took this initiative to conduct the essay writing on the life story of Bharat Ratna Shri Atal Bihari Vajpayee. This initiative is a wonderful way to introduce student to the life and contributions of while also enhancing their writing and creative expression. Encouraging students to learn about such eminent personalities through essay writing not only strengthens their knowledge but also inspires them to imbibe valuable qualities.



#### **Vad-Samvad**

On the 28th, a meeting was held with all the student of the centre in which they were discussed about their studies as well as their other routine. Which student from class 6 to class 11 were included in the center.

All the student told their working system, to which many student gave feedback and said that classes are being held daily in the center. For the students who are unable to come due to some reason, online classes are being taken on Google Meet.

Sonam, a class 8 student, told in the discussion that many of her myths have been dispelled by coming to the center and she is able to study well at home as well. Books were also discussed in the meeting in which the student want to read Verma Sir's book Concept of Physics. Which will soon reach the student at the center, along with this, some other books will also be given to one or two student who have to prepare for IIT JEE.



#### **Bio Class by Anubhav Ji**

Anubhav Ji recently conducted an engaging **biology class** for Class 8 students, focusing on **cells**. He discussed on these topics with the students

Detailed discussion on the **structure of the cell** and its parts, explanation of the

**shapes and sizes of cells, prokaryotic Cells:** Simple cells without a well-defined nucleus, **Eukaryotic Cells:** Complex cells with a well-defined nucleus, **Nucleus:** The control center of the cell, **Chromosome:** Structures within the nucleus that carry genetic information.

### **Student Engagement:**

- The students learned several new scientific terms and their meanings.
- The class enriched their understanding of fundamental biology concepts.

This session helped students build a strong foundation in cell biology, preparing them for advanced topics in the future.



### **Barasirohi Evening Center(BEC)**

#### **Solving Question Paper VNK Scholarship**

On 9th December, the question paper of VNK was discussed at the center. Some student said that the question paper was easy, and some said that the question paper was very difficult. All the questions were solved one by one and explained to the student. And the student were also taught the way to understand the questions so that they do not repeat this mistake in future.

#### **Academic Activity**

Class 5 student were told about the state and capital. Kshma ji also made all the student write calligraphy by speaking to them in Hindi. All the student were made to play a game on Saturday.

#### **Visit by Amit Katheriya Ji**

On 26th December, Amit Katheria ji came to the center and gave information about Sopan to all the students as he is an old volunteer of Shiksha Sopan. And he spent a lot of time with the student and told them a lot of good things. In the end, the everyone sing the song "Desh Hame Deta Hai Sab Kuch".



#### **Christmas Day Celebration**

Christmas Day was celebrated on 25th December. On this day all the student of the centre were made to draw a picture of Christmas tree and Santa Claus. Pushpendra ji gave a lot of information related to Christmas to all the student and on this day everyone greets each other by saying Merry Christmas.





## Sopan Library

Mrs. Pragya Khandekar Mam, Mr. Pravah, and their relatives visited the Sopan library on the 9<sup>th</sup> December, 2024. Everyone had a wonderful experience during their visit. They discussed and gathered information on various topics, including future plans and current activities at the center. The work of the center was explained in detail.

The student recited different types of poems, shlokas and engaged in interactive discussions by asking and answering many questions. Mr. Pravah also asked several questions to the student, which they answered confidently while also posing their own questions. The interaction was engaging and enjoyable for everyone.

### **New Year Preparation**

To welcome the New Year, the student are creating greeting cards at the center. It is truly a joy to see the little ones display their artistic talents with their tiny hands. During this time, some new shlokas are also being taught. Preparations for the arrival of the New Year are in full swing at the center.

On 25<sup>th</sup> December, information about Atal Bihari Vajpayee ji was shared with the student at the center.



**अंधकार को क्यों धिक्कारें, अच्छा हैं एक दीप जलायें**

**Web site :** For more details, please visit [www.shiksha-sopan.org](http://www.shiksha-sopan.org)

**How to donate:** *Shiksha Sopan*

(b) You can write cheque/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.

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