

Shiksha

Sanskar

Swavalamban



Shiksha Sopan

An Initiative of IIT Community for social upliftment

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Newsletter July 2022

Dear Readers, Greeting from the Shiksha Sopan family. In the month of June some new programme were organized like competence course for M.Sc physics students, meeting with local people living nearby sopan ashram, 6 days summer evening camp. Other regular activities also running very well like Sopan Anupcharik Shikshan Kendra, Evening learning center, Sopan library, First Sunday Club etc. The brief details of the programme are given below.

Central programs

Physics Competence Course

Shiksha Sopan planned to organize a Physics Competence Course for M.Sc Physics students for those who want to become teachers and are going in research field in Physics. We announced the course on our Shiksha Sopan website and sent the message to degree college of Kanpur through VC of CSJM University. Near about 40 students registered for this course. We selected 20 students those who were belonging to Kanpur. We planned to give 100 hr theory session and 100 hr experimental session on the basis of class 12th. The course will take around 3- 3.5 months in completion. Due to summer vacation all MSc students were free from colleges so we decided to give them a ten days residential camp.

The camp started on 15th June at Sopan Ashram. The main instructor for this camp was Mrs. Smita Fangariya from Amity International School, Noida. The course ran under the supervision of Dr. H. C. Verma. First day the camp started with lighting the lamp in front of Maa Saraswati and everyone sang the Saraswati Vandana. Mrs Fangariya regularly gave 1.5 hr theory classes. She covered two broad topics of Physics oscillation and wave. Verma sir also had a wonderful interactive session with the students, he also cleared doubts of the students. Many times he created situations which looks very simple but The logics behind them turned out to be very helpful in understanding Physics. Other sessions like basic electronics, science experiments demonstrations were held and students also made science working models using tools and learnt technical skill.

Students were divided in 6 groups and each group chose one topic. They prepared their PPT and presented in front of Smita mam , Verma sir and other members. Every group presented their best and some suggestions were also suggested to the groups so that they will perform better in future.



First Sunday Club (FSC)

FSC is a monthly get together on first Sunday of the month and teachers from primarily to undergraduate level assembled at Sopan Ashram. It is a joint programme of SGM-IAPT Anveshika and Shiksha Sopan. Some of the teachers travelled more than 100Km distance to attend the club. In the month of June FSC was held on 5th and around 32 teachers were gathered and discussed Physics with Dr. H. C. Verma



A small demonstration on Optics was performed by Mr. Yogesh Kumar Jha and Ms. Neha Katiyar. They hung a drop of water using syringe and made an incident laser beam fall on it, the room was dark and the laser projected on the wall through that water drop. A good greenish picture was projected, some rings were moving here and there in the picture, these were the diffraction patterns, people were amazed to see the experiment, after watching this on the wall, everyone discussed about it and Dr. Verma explained the whole phenomenon to the teachers.

Mr. Amit Kumar Bajpai gave thanks to all the members and offered to join for refreshments. The teachers discussed the Physics again with Verma sir and enjoyed sipping a cup of tea. The next FSC will be held on 3rd July 2022 at Sopan Ashram.

Sopan Outreach: Majlish (SOORMA)

In the month of June 2022 only one online session was conducted on 11th June in the evening from 4:30Pm to 5:30PM. The resource person of the session was Mr. Sumit from Apeejay School Pitampura, New Delhi. Total 25 teachers were present online to attend the session. The whole session was coordinated by Mrs. Smita Fangariya.

In the first part of the session Mr. Sumit showed a video in which a person moved his sweaty hands rapidly through the molten metal without any burns. He explained on the basis of the Liedenfrost effect where the layer of sweat on the hands played a role in protecting his hand from the intense heat.

In the second part, a small experimental video was shown by him to demonstrate the free fall of a paper and a book. The paper was held closely above the book. There were long discussions on the acceleration of the paper and book and the forces responsible for it.

In the end, Mr. Sumit showed some photos of stars and Andromeda galaxy which he had clicked, he also shared the necessary camera settings in mobile phone to capture them in the night sky. All the members actively participated in the discussion.

Know our Society

On 16th June, Shiksha Sopan organized a program called "Know your society" at Sopan Ashram. The main aim of the program was to introduce the various activities of Shiksha Sopan to the nearby society and connect the nearby people to Shiksha Sopan. This program was coordinated by Shri Vijay Mishra, with the help of the Shiksha Sopan core team. Dr. Sameer Khandekar, Mrs. Pragya Khandekar, Prof H C Verma, Mrs. Smita Fangariya, Mrs. Nirmal Mishra (Parshad of Nankari) , Mr. Ranjan Upadhaya, Mr. Ajay Agnihotry, Mr. Subhash Srivastava and other senior and reputed members of Nankari, Lodhar, Ratanpur and Hora Bangarmau were present in the event. The dedicated team of Shiksha Sopan welcomed all the members from the entry gate into the Sopan Ashram campus.



Initially, this program was hosted by Mr. Vijay Misra. Mr. Amit K. Bajpai introduced the various running activities to the audience. After that, Mr. Vimal Kumar gave knowledge about ongoing registration for the NAEST exam, and Mr. Vinay Mishra talked about a 6 days evening camp organized by SAEC. At last, Dr. Sameer Khandekar gave an excellent speech to boost the morale of our volunteers and urged the audience to join the Shiksha Sopan to help uplifting our society. Dr. H. C. Verma sir recited the poems and asked the questions related to it. Many more answer were came from the audience and a pen was gifted to each correct answer. Some of the people showed their interest to give their time to Sopan Ahram. At last Mr. Ram Prasad bajpai gave vote of thanks to every member.

Sopan Anaupacharik Shikshan Kendra (SASK)

Environment Day

The environment is not only a word, but it also consists of the whole earth. Due to excessive use of our natural resources, we are affecting it badly, so it is our responsibility to make it clean. Every year on the 5th of June, we celebrate world environment day. SASK coordinator Ms. Seema Verma commemorate this day with the volunteer Ms. Sunita Maurya, Ms. Ruby, and other children by planting trees in the compound of SASK.

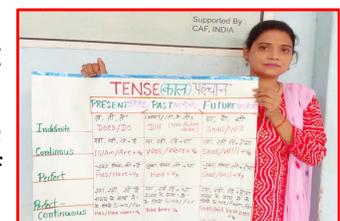
Sampark Abhiyan

In June of the month of from 10th to 20th June, SASK ran Sampark Abhiyan in the nearby area of SASK. Under this Sampark Abhiyan, SASK volunteers contacted those students who have passed out from SASK and doing their higher education. These students were from the 2009 to 2021 batch who passed from SASK.



Learn something New

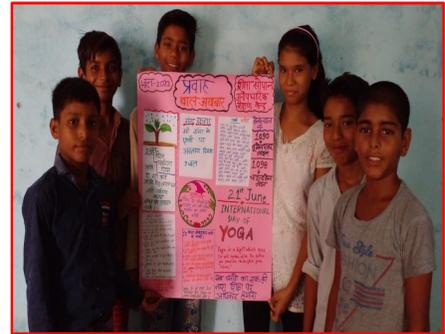
Due to summer vacation in June, all the children were at home, so to utilize the holidays Ms. Seema Verma started something new to teach English. She prepared the structure of tense. With the help of this structure design, students of classes 6th to 8th can learn Tenses quickly.



Baal Akhbaar

In June month, an Edition of Baal Akhbaar was released. The volunteers of SASK prepared this Edition by taking input from the students via phone. The Articles that were available in Baal Akhbaar are mentioned below.

- ❑ Shraddha of class 7th gave information about nature protection.
- ❑ In Poem Column, the poem "Varsha" was written by Shreya.
- ❑ In the Help Column, detailed information about child helpline number 1098 and women helpline line 1090 were given.
- ❑ Information about international Yoga day was also shared.



Barasirohi Evening center (BEC)

Environment Day

On 5th June, BEC celebrated environment day with its volunteers and children. On this day volunteers of BEC including Ms. Kshma conducted a session on the importance and protection of the environment. In this session, Kshma told us about the importance of the environment in our life. She also said that we should do plantation, try to minimize the use of vehicles, etc.



Academic Result

This year the board result of our BEC students was so good, the result was announced on 18th June, where all the students performed very well. Results are mentioned below –

- Khusboo - Class 10 – 70%
- Sonali - Class 10 – 70%
- Kashish - Class 10 – 69%
- Mahima - Class 12 – 82%
- Pooja - Class 12 – 71%
- Dipali - Class 12 – 57%

One of the students, Mahima Sharma, is a topper in her school, the school and center both congratulated her for her future.



Yoga day

On 21st June, BEC celebrated yoga day with full of joy, where Kshma told the students about the history of Yoga day. Along with this, children and volunteers did yoga and promised to do it regularly at home.

Craft class

BEC conducted a 5 days craft classes from 23rd to 28th June. BEC not only focuses on academics but is also keen to engage the students in extracurricular activities by which children can increase their mental power and learn something new apart from studies.



Sopan Ashram Evening Center (SAEC)

In June SAEC conducted six days camp where 120 students from classes 6th to 12th were enrolled. All the students were from the nearby area of Sopan Ashram. The motive of this camp was to choose the students for SAEC, for these students were given knowledge about various fields like Vedic Mathematics, Robotics, Photoshop, Science and Sports, etc. After that, these students took a test, and then selected students can be enrolled for regular classes of SAEC.

This camp was fruitful for all the students because they all learned many things. They now know how to use lab tools, how to solve math calculations fast by using Vedic mathematics, and how to edit photos using Photoshop.

How can we use Arduino for making robots and electronic devices? The resource person of this camp were Mr. Vipin Sharma, Mr. Vijay Mishra, IIT students, and Shivansh Kushwaha and the core team of Shiksha Sopan. The Coordination of the camp were done by Mr. Amit Kumar Bajpai, Mr. Vijay Mishra, Mr. Vinay and Mr. Ranjit Kumar.

At the closing ceremony, a small program was organized where camp participants sang songs, recited poems, shared their experiences of the learning they got from the camp, and said their last goodbye with heavy hearts.

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*

(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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