

Shiksha

Sanskar

Swavalamban



Shiksha Sopan

An Initiative of IIT Community for social upliftment

Reg. Office: 391, Nankari, IIT, Kanpur 208016

Newsletter June 2012

The month of May was very hot. The temperature was around 45°C in the IITK Campus, but this was not to stop Sopan activities. The Summer Camp of PPY (Sr.) children and National Workshop of Physics Teachers were two major activities of May where Sopan volunteers showed excellent management skills.

Summer Camp:

2nd Summer Camp is going on for Pratibha Poshan Yojna children of second batch which were selected in year 2011. All these children have just gone to class 9. The camp was inaugurated on 10th May 2012 at SAC (Yoga Hall). Sixteen children out of 20 were present to attend the camp. They had come with their parents/ guardian. Prof. Ananth Ramkrishnan, Mr. Deepak Raje, Mrs. Reeta singh and Mr. R P Varshney lighted the lamp in front of Maa Saraswati. The whole concept of the camp was described by Mr. Ashish Bhateja who is the main coordinator of the whole camp.

The children are staying in Quarter no. 325 made available to Shiksha sopan for the camp. One or more Sopan volunteers always accompany them. Our volunteers Nazir, Deepak Pal, Sunita Ji, Seema Ji and Chhoti Seema Ji from Sopan Vidyalaya, Vineeta Ji, Namrata Ji, they all spend time with the children and try to give them moral education,



not by teaching, but by their own behaviour. The food is prepared at house no. 329 (residence of Dr H C Verma) as 325 is small for both stay and food. The academics include Maths, Science and languages. Classes are given mostly by IITK students.

Calculus classes

A novel experiment was done by Dr H C Verma by teaching these class 9 students differential and integral calculus. He had given 11 lectures in which he gave basic understanding of graphs, slopes, increasing/decreasing functions etc. This followed by concept of rate of change of a function and dy/dx of algebraic expression. Relation of Maxima-minima with dy/dx was emphasized. Integration of algebraic functions



was introduced as sum of continuously varying quantities and applications to area of a circle, volume of a cone, mass of a non uniformly dense rod were made. Children enjoyed calculus classes very well.



Apart from teaching, children are given activities on craft, games, talks by experienced faculty members on philosophies of life etc. A 3-day course on the moral values and the meaning of a happy life was given by Jeevan-Vidya team of IIT Kanpur. The classes were delivered by Mr Kumar Sambhav. On one day they had Sunder Kand path with musical equipments. Another day they were taken on excursion to a Vriddhashram run by a social activist Mrs Manju Bhatia.



Sundarkand Path

NWUPT-12

Dr H C Verma organizes National Workshop of Utsahi Physics teachers (NWUPT) every year at IIT Kanpur. This year it was held on 27th May-1st June. Shiksha Sopan Science Cell took up the entire responsibility to assemble the experiments, make multiple copies, and put it in order for the participants. Apart from these all management was done by Sopan volunteers.

Sopan Secreary Mr Amit Bajpai conducted the inaugural session in which the Deputy Director Professor S C Srivastava and Professor Satya Deo from HRI were the chief Guests. Sopan Children presented Saraswati Vandana. Registration desk was managed by Sopan volunteers Ms Anupama, Shubhrajyotsna, Mr Deepak Agnihotri and Pawan Srivastava.



In one of the sessions, Mr Amit Bajpai presented a 1-hour talk on Shiksha Sopan activities and achievements. Participants praised the great work being done by Sopan. All the participants were greatly impressed by the dedication of Sopan volunteers and their management capabilities. They themselves declared that they are part of Shiksha Sopan.

Sopan volunteers Mr Deepak Agnihotri and Mr Deepak Mishra took all the responsibility of experiments management. Experiments were done in 4 sessions. Well before each session, they will put the things in order in the Hall of fame. While Dr Verma guided the participants academically, these two were consulted for any equipment that was need during the experiments.

Cultural Programme by Shiksha Sopan

A cultural programme of 2 hours was put up by Shiksha Sopan children and volunteers from all centers especially for NWUPT participants. Tiny tots from Sopan Vidyalaya performed dances on Krishna-Radha-Gopies theme which was so nice to watch. SAC center children put up Krishna Sudama story in act. Children from PPY camping at qr.325 staged a drama where they pointed out the caste discrimination still persisting in the society. This serious message was given in an extremely light comedy format and the whole audience was full of laughter.

Sopan volunteer Shubhrajyotsna, presented a wonderful katthak dance performance on Shiva Tandav Stotra written by Ravana. In a particular piece she revolved 24 rounds in 9 seconds and the viewers were forced to clap for her. 📢

From the NWUPT participants side, Ms Rajshree from Cuttack performed Odishi dance. She is an excellent dance artist and with full customs of respecting the stage, she performed it in a very professional way.

Mr Lalit Mohan from O P Jindal School, Hissar presented a monetary contribution collected from all participants. It was beautifully decorated in an artistic cover again designed by him. Mr Manoranjan Kumar from Pilani expressed deep sense of appreciation for the Sopan activities on behalf of the participants.



Dr H C Verma, President, Shiksha Sopan, thanked all the participants for the great affection they showed for Shiksha Sopan.

Programme against superstition

Superstitions are still prevalent in villages where many of the dubious persons cheat the villagers by showing the so called miracles. To give Sopan children and volunteers a right perspective, a 3-hour programme was arranged on 25th May. The well known activist, Dr Narendra Naik presented before children the tricks used to confuse people in the name of extra terrestrial powers. He himself showed how to bring ash apparently from nothing, changing colours of hand and so on. Through videos he showed the way to walk on fire and to put hands in boiling oil. He explained all the science behind such acts.

Science show at Muskara and Hardoi

Science shows of Shiksha Sopan is gaining popularity in remote places. Muskara is a village in Hamirpur district about 120 km away from IITK. On 18th May 2012, Shiksha Sopan, in collaboration with Talent development council, conducted a 3-hour science show for teachers of nearby villages and students. Mr Raman Kumar of Muskara village organized the show, making all arrangements and bringing the audience. Learning science from simple experiments employing household items was the central theme.



For the teachers and students of Muskara, it was a unique experience, they were deeply involved in the proceedings and were greatly impressed by the communication skill of Amit Bajpai. Shri Anil Kumar of TDC was present and



appealed the villagers to have more such programmes. Mr Praveen Kumar, a Mathematics teacher from Kanpur, presented mathematics learning modules using ppts.

Similar Science show was conducted by Amit Bajpai and Ranjit Kumar of Shiksha Sopan at Hardoi.

News in Brief

PPY J students pass class 10

The four students, Poonam, Manaviya, Ishan and Naresh, of the first PPYJ batch have passed CBSE class 10th Exam with CGPA 8.4, 8.2, 7.6 and 7.2 respectively. They had been with Sopan for last 5 years and we had taken all responsibilities of finance, academics and personality development of these children. Our volunteer Vineeta Ji has put enormous effort to nurture all aspects of these children during all these 5 years. We congratulate them and thank the donors who have sponsored these children. The children will continue to get Sopan support for next 2 years too.

Sopan volunteer gets admission in IIT Guwahati

Namrata Shukla is an active Sopan volunteer for last 3 years. She regularly teaches chemistry in Gahan Adhyayan Kendra and does many other work of Sopan as and when it is required. She has passed JAM with high grades and is offered admission in IIT Guwahati for 2-year MSc programme in Mathematics and Computing. Congratulations to Namrata.

Prof Kunal Ghosh visits Sopan

Prof Kunal Ghosh had been in the Executive Committee of Shiksha Sopan from the very beginning till he superannuated from IITK in 2011. He visited IITK on 4th May and met Sopan volunteers in the SAC Center. He was very happy to see the spirits of Sopan volunteers and reaffirmed his association with Shiksha Sopan. On behalf of Sopan volunteers, Dr Sameer Khandekar presented him a hand-made pen stand as a token of love and respect.



Other Informations

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

How to donate : The cheques/draft for donations should be made in the name of "Shiksha Sopan" payable at Kanpur. Donors may kindly give their personal details such as name, postal address, email address, so that the receipt, updates etc. may be sent. One can also make online transfer to Shiksha Sopan account in State Bank of India, IITK branch in the Account **10426002488** in the name "Shiksha Sopan". The IFSC code is **SBIN0001161**. People in US can use the link <http://indolink.com/iitk/> to donate through IIT Kanpur foundation using credit cards.

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