

National Anveshika Network of India (NANI)

EVENT REPORT

Date	Time	Venue	No. of Teachers / Students	Level of Participants (Middle School/High School/ Plus 2)
16-17-18 May, 2014	9:00AM-5:00PM	Saraswati Shishu Mandir School, Badangpet, Hyderabad	48 Students	6th to 12th

Total Expense	From IAPT	From Other Sources
30000	Nil	30000

Description of the Programme (Inauguration, Chief Guest, Events): A three day *Anveshika Science Camp* was jointly organized by IAPT and Vijnana Bharati. The objective was to promote activity based science among students. The registration started at 9:00AM on 16th May. The inaugural session of one hour duration started at 9:30AM. The session was presided by chief guest Shri Shyamparsad Ji of Vijnana Bharati. Lighting of lamp, Saraswati Vandana, and address by the chief guest were components of inaugural session. Inaugural session was followed by a session on scientific observation by Shri G. L. N. Murthy. In the afternoon session, students were taken to the field and asked to do simple but important activities like *measuring speed of an ant, burn paper using convex lens and concave mirror, observe temperature difference between white and black water bottle exposed to sun, etc.*

On second and third day, students were divided into groups according to their classes. One volunteer is attached to each group. Simple and interesting activities on mechanics, waves, optics, thermal physics, and electrodynamics were part of the programme. In total there were 54 activities on physics and 6 scientific puzzles. Most of the activities were taken from the books *Foundation Science Physics*, Bharati Bhavan. The activities were compiled in a booklet which was given to each student. The valedictory session was conducted on third day from 3:30PM to 5:00PM. Dr. S. Karunanidhi of DRDO distributed the certificate of participation and addressed the students. The event was concluded with feedback from participants, Rashtriya Gaan, and Shanti Mantra.

General Feedback of the Participants: General feedback from participants was encouraging. For the first time in life, many students touched a magnet, a lens, spherical mirror, galvanometer etc. Students not only enjoyed doing activities but also learned many concepts of physics in a natural way. The students came to the science camp in hot summer at a venue deprived of modern facilities is a proof that they enjoyed the camp. Many parents called and congratulated organizing team after the event.

Your Feedback (How do you feel after doing this programme?) The camp was well received by the students, but as always, there is a scope of further improvement. Some points worth mentioning are (i) The volunteer/resource person shall do and understand concept behind experiments. We need to focus on volunteer training and invite outstation resource persons, if required. (ii) Separate camp for middle school (6th, 7th, 8th), high school (9th, 10th) and intermediate (11th, 12th) will make it more effective and can be managed by 1-2 resource persons. (iii) Three day science camp requires lots of resources like, venue arrangement, snacks, lunch etc. which takes most of the energy and also have cost component. This was first event of the ViBha-IAPT-Anveshika and we learned a lot while doing experiments and managing the event.