

National Anveshika Network of India (NANI)

EVENT REPORT

Date	Time	Venue	No. of Teachers / Students	Level of Participants (Middle School/High School/ Plus 2)
24 May, 2014	4-6PM	Sree Sharadadhamam, Bandlaguda, Hyderabad	60 Students	8th, 9th, 10th
25 May, 2014	4-6PM	-do-	73 Teachers	High School

Total Expense	From IAPT	From Other Sources
1000	Nil	1000

Description of the Programme (Inauguration, Chief Guest, Events): This programme was planned on a very short notice (5 days). The principal of Saraswati Shishu Mandir, Badangpet was impressed by the science camp organized at her school from 16th-18th May, 2014. She gave a proposal to conduct a session on *activity based learning and demonstration based teaching* at the ongoing teacher training programme being organized by Saraswati Vidhyapeetham at Sree Sharadadhamam, Bandlaguda, Hyderabad. With initial discussions, Vijnana Bharati and ViBha-IAPT-Anveshika teams gave a go ahead for a session of two hour duration. The organizers agreed and gave a time slot on 24th May for students. Nearly 60 students participated in the session. Shri GLN Murthy gave a brief introduction on Vijnana Bharati and Anveshika. The demonstration were based on electricity and magnetism and included *static charges on a straw, connecting batteries in series and parallel, connecting torch bulbs in series and parallel, heating effect of current, chemical effect of current, magnetic effect of current- electromagnet, simple DC motor* etc. To make the session interesting, filler demo like sound produced by a straw and concave, convex mirror in a spoon were also included. Shri GLN Murthy and Shri Santosh of Infosys helped in translating some of the scientific terms in local language, Telugu.

After the session, brief discussion was held with the organizers for feedback. The organizers requested a similar session for teachers which was held next day. Seventy three physical science teachers participated in this session. The demonstrations were on mechnics like *how much is one Newton, physics of get going mug, veryfying Newton's third law using ring magnets, why water is not falling when glass is inverted*. The concept of *electromagnet and Faraday's law* were also included. Finally, *mother coil was used to show strong magnetic field, AC motor, uplifting of aluminium ring and step-down transformer*. The teachers were very happy to see the demos and were of the opinion that demo based teaching will definitiely improve quality of teaching.

Resource person for the sessions was Jitender Singh. Shri GLN Murthy and Shri Santosh provided all the necessary support.

General Feedback of the Participants: The sessions for the students as well as teachers were well received. Some of the teachers showed interest in establishing mini-Anveshikas at their school. ViBha-IAPT-Anveshika and Vijnana Bharati gave a proposal to establish three mini-Anveshikas in Saraswati Shishu Mandir located in state of AP. Exact details will be worked out as time progresses.

Your Feedback (How do you feel after doing this programme?) This event gave a confidence that ViBha can deliver short sessions at short notices too. The need to get passionate volunteers conversant with local language was strongly felt. This requirement will increase as ViBha approaches schools in rural areas where Hindi and English are unlikely to work.