

WORKSHOP ON DAY-NIGHT, SEASONS AND ECLIPSES

Venue : Kendriya Vidyalaya, IIT Kanpur
Participants : 30 Students of Class 7th and 8th of KVIITK.
Conducted By : ‘APNE HAATH SE’ Group, Media Lab Asia IIT Kanpur.

This was the second workshop on ‘Day-Night, Seasons and Eclipses’ conducted by our group. The last workshop was conducted at Swami Vivekananda School, Lodhar.

The workshop was divided into following parts/activities:

- ✍ Open discussion
- ✍ Interactive animation on Day-Night
- ✍ Model making
- ✍ Shadow measurement
- ✍ Interactive animation on eclipse
- ✍ Outdoor game to demonstrate eclipse/day night position
- ✍ Feedback session.

The students were excited throughout the workshop and they enjoyed each and every part of it. The enthusiasm they showed was more than what we expected. They were satisfied with the workshop and gave some suggestions to help us improve on some aspects of the workshop, especially the model making part which is the most interesting part for school kids. The suggestions they gave were following:

- ? Improving the model technically that includes:
 - a) Using a method to *control the speed of the rotation of earth*.
 - b) *Demonstrating the seasons* by changing the angle of tilt of earth.
 - c) Replacing the existing *bulb (sun) with 12 V D.C. bulb* (tail lamp).
- ? Improving the model aesthetically that includes:
 - a) Using globe in place of ball for earth.
 - b) Coloring the wooden part of the model.

The other observations made were following:

- ✍ The model making part which was conducted in pre-lunch session should be shifted to post lunch.
- ✍ The discussion about shadow and other planets should be done in the first half.