

# Workshop on Circulatory System

## Brief introduction and objective

This workshop was designed for school kids (of class VI to VIII) to give them an introduction to Respiratory and Circulatory system of Human Body.

## Conducting Agency and Facilitators

A group of enthusiasts consisting of faculty members of IITK, school teachers, Media Lab Asia employees, IITK students and volunteers.

## Participants

A total of 21 students belonging to Swami Vivekananda Vidyalaya, Lodhar.

## Venue

Swami Vivekananda Vidyalaya, Lodhar, run by Jagriti Bal Vikas Samiti. The workshop started at 8:00 am and went up to 1:00pm.

## The Workshop

The workshop was divided in three stages, the first stage in which the students are basically gathered the information regarding the circulatory system, an Animation movie and a Game (sketching & demonstrating the process). After that there is a round of discussion in which the kids interacted with the facilitators to get their doubts and difficulties sorted. Before second stage there was a lunch break for the refreshment. Second stage was the most vital one, in which the kids used the knowledge gathered in the stage one of the workshop to build a working model of circulatory system using throw away articles and in the final stage participants gave their feedback and suggestions on making the workshop more effective.

## Animation

An animation movie on circulatory system was shown to the kids; the kids watched the animation with great interest and also the humorous moments included in the animation. In these ten minutes the participants are able to see the working of circulatory system in both 2-D and 3-D.



## Game

This was an interactive game in which the kids sketched the circulatory system and demonstrated the process of circulation in human body.



## Discussion and Quiz

We have a discussion session in which all the doubts of the children were clarified. Students asked a lot of question about which they saw in the animation movie and a lot of things which were not actually related to circulatory system but to the human body.



## **Model Making**

Model making is the part of the workshop where the students made a working model of the circulatory system with their hands. They were divided in groups of four and given some throw away materials like empty bottles and some pipes. Using the articles provided to them and some guidance from the facilitators, they made some beautiful models of circulatory system.

