

**Vivek Vardhini College (Day)**  
**Department of Physics**

**Report on “Science for Success” workshop conducted on 10-01-2014:**

The world of Science and Technology is changing very fast and the main focus of Physics/Electronics today is in areas like Nano Physics, Fiber Optics, Super conductivity, Nuclear Physics, Remote Sensing, Non Conventional Energy Sources, Microwaves, and Photonics.

The objective of the workshop was to highlight the recent challenges in Physics by bringing together all the students from different colleges to review and analyze the present status and future prospects in the area. It was to encourage the exchange of ideas, techniques, experiments and applications.

Around 170 students with their concerned subject Lecturers attended “Science for Success” workshop enthusiastically. 13 students of B. Sc graduate and Intermediate section prepared the set up for all the following experiments and explained, demonstrated to the invite students in the best way.

Especially IIT foundation Sharath College students were very much impressed with our exhibits and teaching.

List of experiments arranged by the students.

Sl. No.	Name of the Experiment	Name of the Student	Class
1.	Surface Tension	Ms. Ramya Krishna, Ms. Kalyani	B. Sc I <sup>yr</sup>
2.	Newton’s Rings	Ms. Tanisha	B. Sc II <sup>yr</sup>
3.	Dispersive Power of Prism	Ms. Tara, Ms. Swati	B. Sc II <sup>yr</sup>
4.	Cathode Ray Tube, Photo Cell	Mr. Santosh	B. Sc III <sup>yr</sup>
5.	P-N Junction Diode	Ms. Amreen	B. Sc III <sup>yr</sup>
6.	Logic Gates	Ms. Parameshwari	B. Sc III <sup>yr</sup>
7.	Zener Diode	Mr. Namdev	Intermediate I <sup>yr</sup>
8.	Transistor	Mr. Vikram	Intermediate I <sup>yr</sup>
9.	Magnetic Lines of force	Mr. Mahesh, Mr. Kiran, Mr. Zeshan	Intermediate II <sup>yr</sup>