

CLASS-IX

STUDENTS VISIT SCIENCE CENTRE

The students of class-IX had an opportunity to visit the Science Centre on 23-07-2017. The Regional Science Centre is located in the outskirts of Vijayawada city, Bhavanipuram on the banks of river Krishna. It is run by AP State Council of Science and Technology. (APCOST)



Students using lens table for finding the focal length of Convex lens.

The students started from the school by our school bus at 10.00 a.m. and reached there by about 11'o clock. They had a great experience of learning by doing. At the very entry itself, there was a statue of Dinosaurs which attracted them and they took some photos with it. Next to it, there was an equipment which proved Newton's third law of motion "for every action, there is an equal and opposite reaction'.

In an exhibit called Newton's cradle, the students learnt the principle of conservation of energy and momentum. Since it was an ongoing topic in Physics, they could understand the concept easily. The next model they saw was a cycloid which works on the Principle of angular momentum. Here they learnt that, the spheres roll down faster through a curved path when compared to a linear path.



Kum. M. Lakshmi Poojitha experiencing an optical illusion caused by reflection of mirrors. It appears like a head without body

There was an interesting item which almost looked like a magic i.e. water coming out of the tap head, without any pipe connection. The students learnt that there was a transparent glass tube connected to it and since water and glass had the same refractive index, it appeared as if water was coming from an invisible source.

Students saw images of themselves in different mirrors like concave and convex. It was funny because the bodies appeared stretched on both the sides, or compressed like a fatty man. Here they learnt about different types of images.

It was a memorable Sunday for them since it was a fun filling experience with a lot of learning in Science and Technology. They felt as if they were in a different world and none of them was ready to leave the place.

They took a group photo to preserve the memories of the great experience. They thanked the Principal for arranging this trip and the Govt. of Andhra Pradesh for providing such a facility for the students in Andhra Pradesh.