

Report on industrial visit at - ISRO, Ahmedabad, Of Second year –IT students scheduled on 30 January 2018

The Department of Information Technology , SVIT Vasad, organized one day Educational visit to Vikram Sarabhai Space Exhibition a unit of Space Applications Centre - ISRO, Ahmedabad,

ABOUT INDUSTRIES'S PROFILE:

The Space Application Centre, (SAC) Ahmadabad (Gujarat) is one of the major centers of ISRO; it is a unique centre dealing with a wide variety of disciplines such as designing and development of pay loads, societal applications and capacity building and space science.

ISRO has made our country proud due to its many technical achievements and innovations. In the past four decades ISRO has launched more than 100 satellites for various scientific and technological applications like mobile communications, direct-to-home services, meteorological observation, telemedicine, disaster warning, radio networking, search and rescue operations, remote sensing and scientific studies of the Earth and space.

The campus has a permanent exhibitions hall open to general public; it is named The Vikram Sarabhai Space Exhibitions (VSSE), Ahmadabad. Various working models, more than 30 static models of satellites, launched vehicles and about seventy panels in English are displayed here.

ABOUT VISIT:

In this visit our four Faculty Members as well as 128 students were present. This visit was started at 10:30 A.M. and finished at 1:00 P.M.

Scientist H B Pandya provided detailed information on SAC activities particularly on remote sensing, types of satellites, orbits, satellite launch vehicles, satellite data receiving centers, progress in the Indian Satellite Technology and the role of SAC in the ISRO's success missions.

The exhibition has information panels and working models. Students can learn about the types of satellites and launch vehicles. Launch vehicles are the rockets that place the satellites in orbit. Also on display will be models of Mars mission equipment delivered from the Space Application Centre, Ahmedabad.

The students were then taken to the audio-visual room where they saw documentaries on the subject of what activities are taken by ISRO and what are the various task and functions of ISRO.

Later he also discussed an interesting topic “How to recover the Artificial satellites back from space” The students learned some very basic concepts of mapping and how this can be taken up in the practical work of Geography and create different maps and use them as teaching aids and also clear idea about how to user Image processing and Artificial Intelligence in space Engineering.



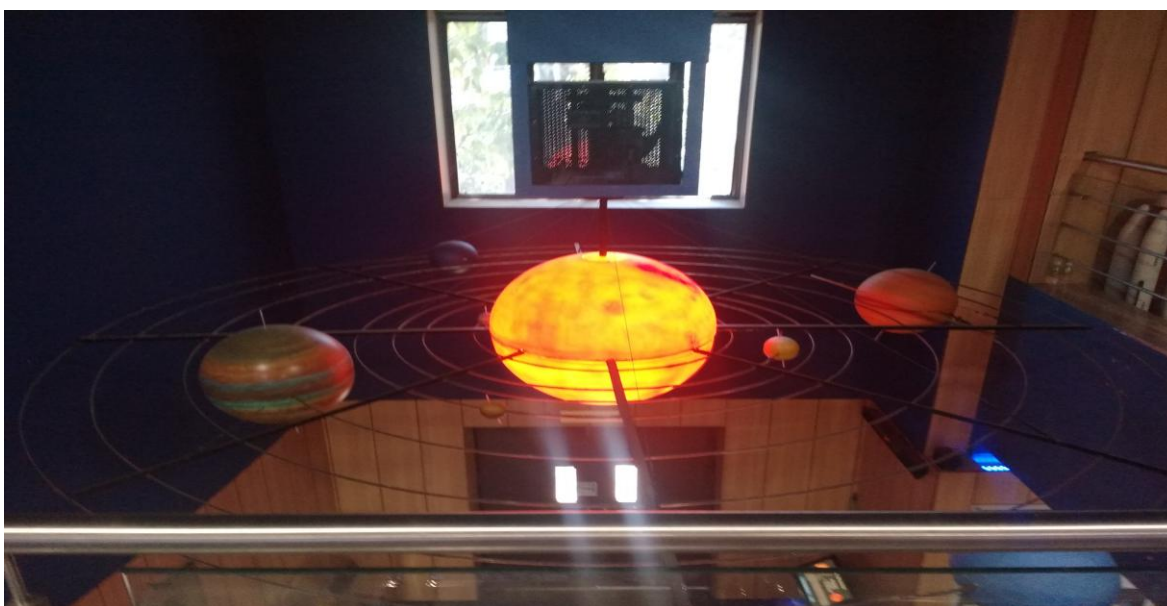
Group photo of SYIT student at ISRO



Exhibition of Navigation Satellite



Our Students at the Audio-Visual Room



Sun Orbiter at ISRO



Static models of satellites



Vikram Sarabhai Space Exhibition



Dr. Vikram Sarabhai Statue in ISRO, Ahemdabad

Trough:

HOD IT

1) Mr Hitesh Makwana
Asst. Prof., IT

2) Mr. Viral Patel
Asst. Prof., IT

3) Mrs. Vaibhavi Patel
Asst. Prof., IT

4) Mrs. Vibhavari Patel
Asst. Prof., IT