



Sarvajanik Education Society

Sarvajanik College of Engineering & Technology

Master of Computer Application Department

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Report On Industrial Visit at ISRO

*“Dream is not the thing you see in sleep but
Is that thing that doesn't let you sleep.”*

— A.P.J. Abdul Kalam

“Isro creates history, launches 104 satellites in one go.” We the MCA department feels **proud** to witness the ISRO-VSSE just before this historical launch.

With an endless support of our principal, **Dr. Vaishali Munguwadi**, and our HOD, **Prof. Gayatri Kapadia**, MCA department has organized an INDUSTRIAL Visit to ISRO-Vikram Sarabhai Space Exhibition (VSSE) Space Applications Centre, Ahmedabad

Highlights of Industry Visits:-

1. *Real 3-D video shoot by Astronaut in space.*
2. *Simulation of GSLV*
3. *Brief discussion on asking more questions during visit by H. B. Pandya (In charge-ISRO-VSSE-Ahmedabad)*

The visit was started at 5.00 AM from Surat to Ahmedabad by train. Our 1st year students were very much excited to board the train for visiting ISRO-Ahmedabad on 10th Feb-2017, Friday. They were eager to get know how satellites & launchers works, what are the opportunities for computer students, what kind of efforts one has to put to become the part of ISRO.

The visit started with 3-D documentary shoot by Astronauts' in space, followed by brief session on Mangalyan & Chandrayan, simulation on GSLV (*Geosynchronous Satellite Launch Vehicle*). The volunteers has given an insight of ASLV-which was the

first launcher made under the supervision of Dr. A.P.J.Abdul Kalam. Students were fascinated by checking the details of PSLV- (Polar Satellite Launch Vehicle).

By the time we were mesmerized with GSLV & PSLV, there were many more surprise elements were waiting for us. The team ISRO explained & discussed the real time Satellite with Demo. The explanation started with basic hardware, what are types of antennas, what are payloads, how ingestion chamber works, why fuel is required in the chamber, why batteries were used, what are solar panels. The students were delighted to see prototype of solar system with all the planetary information.

The visit was ended with a group photo with team member of ISRO. The students were motivated as ISRO has opened the door for Computer students & making them understand how they can be part of such a PROUD organisation.

Some quick look of Visit



The tour was planned by Prof. Sapana Desai & Prof. Zankhana Vaishnav and was accompanied by Prof. Sapana Desai & Prof. Jayana Ahuja.