



## **SITE VISIT FOR 1<sup>ST</sup> YEAR B.TECH STUDENTS OF IITRAM**

**ON 15<sup>TH</sup> MARCH, 2018**

On 15<sup>th</sup> March, 2018, a site visit was organized for 1<sup>st</sup> year B. Tech students of IITRAM to Vikram Sarabhai Space Exhibition Center, S.A.C. ISRO. This site visit was organised as a part of the course taught to 1<sup>st</sup> year B. Tech students titled 'Introduction to Infrastructure'. Total 169 students were present for the site visit. The site visit was conducted in two batches, wherein the first batch consisted of 93 students and the second batch consisted of 76 students. Dr. Abhishek Rawat, Dr. Krupa Shah, Dr. Raghvendra Bhalerao, Dr. Praveen Jadhav, Dr. Yogesh Shah, Dr. Mamta Sharma, Dr. Manoj Langhi, Dr. Kashyap Patel and Dr. Kannan Iyer (Faculty members from IITRAM) were also present during the site visit.

### **Technical Details of Site Visit to Vikram Sarabhai Space Exhibition Center, S.A.C. ISRO**

The Department of Space, as the inheritor of the legacy of Dr. Sarabhai, the doyen of Indian Space Programme has dedicated its efforts to bring the benefits of space technology by developing and deploying satellite communication and earth observations systems which can enable and assist environment friendly and socially equitable development. India has firmly progressed step-by-step in this direction ever since it was given a go ahead by the Government of India. Vikram Sarabhai Space Exhibition (VSSE) is housed at Ahmedabad, which happens to be the hometown of Dr. Sarabhai. This exhibition center is an attempt to share with the general public ISRO achievement, hopes and concerns through the media of working models, live panels, static displays, the 3D theatre and the interactive multimedia presentations.

During the visit at VSSE, students interacted with models of different Navigation, Communication and Mars mission programs of Indian Space Research Organisation. One short film about international space station (ISS), Mars mission and Indian Regional Navigation Satellite System (IRNSS) was also displayed in the 3 D Theater. Instructors at VSSE very enthusiastically elaborated the launching methods and working of IRNSS Satellite, PSLV and GSLV modules. Various multiplexers, on board camera, and sensors also displayed at the center. Overall the site visit was highly appreciated by all the faculty members and students and was a good learning experience for all.



**Full Scale Model of IRNSS Satellite**



**Some Models of Satellites launched by ISRO**



**Model of GSLV Satellite**



**Group Photograph during Site Visit at  
Vikram Sarabhai Space Exhibition Centre,  
SAC, ISRO**



### **Acknowledgement:**

IITRAM family extends sincere thanks Mr. H. B. Pandey, and their staff at SAC, ISRO for facilitating the site visit. We also sincerely thank all IITRAM Faculty members who joined for the site visit and shared their valuable technical insights with the students. We extend our thanks to Prof. Shiva Prasad, Director General, IITRAM; Prof. A. U. Digraskar, Director, IITRAM; Dr. N. N. Bhuptani, Registrar, IITRAM; Prof. Shanti Prassana, Dean, IITRAM and Department Coordinators Dr. Yogesh Shah, Dr. Dipankar Deb and Dr. Navneet Khanna for their support. Thanks are also extended to Prof. Manisha Mehta and other members of IITRAM office for their support and assistance in organizing the site visit. We also thank all 1<sup>st</sup> year B. Tech students of IITRAM for their good conduct and enthusiasm for technical learning during the site visit.

### Site Visit Coordinators:

Dr. Abhisheik Rawat, Dr. Kannan Iyer, and Dr. Pramod Bingole.

Newsletter edited by: Dr. Abhisheik Rawat