



# **RVS PADHMAVATHY COLLEGE OF ENGINEERING & TECHNOLOGY**

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)

(An ISO 9001-2015 certified Institution)

Kavarapettai-Sathyavedu State Highway,  
Sethilpakkam Village, Roshanagaram Post., Madarpakkam Via.,  
Gummidipoondi Taluk, Thiruvallur District, TamilNadu, Pin: 601 202

Ref.: RVS Chennai campus

Date: 13/11/2017

## **Industrial visit (ISRO, Sriharikota)-Report**

- Date of Visit : 10/11/17(Friday)
- Reporting time : 9.00 Hrs
- No. of persons Visited : 126 (Including staff & Bus Crew)

### **SATISH DHAWAN SPACE CENTRE (SDSC) SRIHARIKOTA HIGH ALTITUDE RANGE (SHAR)**

#### **INTRODUCTION**

SHAR is a rocket launch centre operated by Indian Space Research Organization (ISRO). It is located in Sriharikota in Andhra Pradesh .Sriharikota launching range was renamed 2002 after ISRO's former chairman Sathis Dhawan. The centre became operational in 1971 when an RH-125 sounding rocket was launched .The first attempted launch of an orbital satellite " Rohini 1 A" on Aug 1979. SHAR facility now consists of two launch pads,

#### **MISSION CONTROL CENTRE (MCC)**

We were first visited MCC consists computer, data processing, closed circuit television, real time tracking systems, meterological observation erupiment. It is linked to eight radars located at sriharikota, telemetry, and commend network

**FIRST LAUNCH PAD (FLD)**

Then we were taken to FLP where we spent more than one hour, FLP was built in the early 1990s for the polar satellite launch vehicle .Is has also been used for launching Geosynchronous satellite launch vehicle

## **SECOND LANCH PAD (SLP)**

Then we came across the second launch pad , SLP is state of the art launch complex and it is configured as a universal launch pad capable of accommodately all the launch vehicle of ISRO including the advanced launch vehicles to be built in the next decades

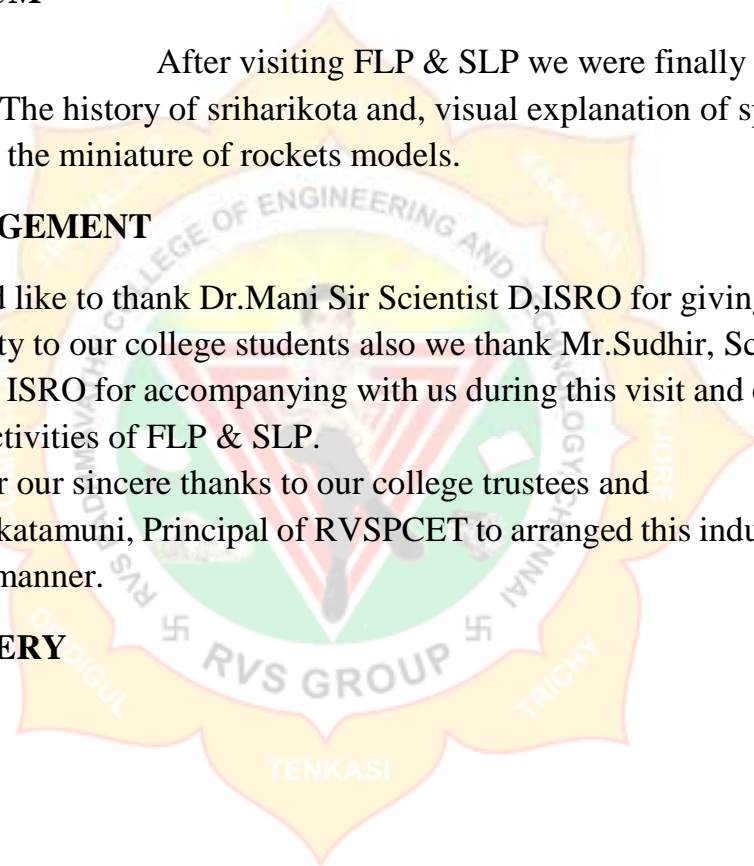
## **SPACE MUSEUM**

After visiting FLP & SLP we were finally visited the Space Museumu.The history of sriharikota and, visual explanation of space orbit and also many of the miniature of rockets models.

## **ACKNOWLEDGEMENT**

- We would like to thank Dr.Mani Sir Scientist D,ISRO for giving this opportunity to our college students also we thank Mr.Sudhir, Scientist Assistant, ISRO for accompanying with us during this visit and explaining various activities of FLP & SLP.
- We render our sincere thanks to our college trustees and Dr.T.Venkatamuni, Principal of RVSPCET to arranged this industrial visit in a well manner.

## **PHOTO GALLERY**



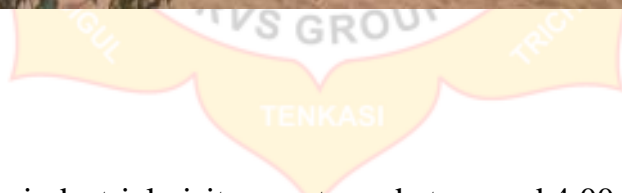












➤ Our one day industrial visit came to end at around 4.00 pm

-----THANK YOU ALL-----