



# ADITYA COLLEGE OF ENGINEERING

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## Department of Electronics & Communication Engineering

### Event Report

Title of the Guest lecture : **Space Technology**

Resource Persons : Mr.Y.SivaPrasad,  
Rtd.Scscientist  
ISRO.

Date(s) of Guest lecture : 12-10-2022

Aim of Guest lecture :

The technology used for travelling or conducting activities beyond the atmosphere of the earth for space exploration or spacecraft is known as Space Technology. Satellites, spacecraft, orbital launch vehicles and space stations, in-space propulsion, deep-space communication, and many other technologies are included in this arena of technological advancement.

There has been swift progress in this sector, making way for remarkable achievements for the entire human race, like the landing on the moon. Latest technologies arising with or advanced by space-related ventures are being exploited in activities related to economic importance.

- In 1962, Indian National Committee for Space Research (INCOSPAR) was established by the Department of Atomic Energy. Work on building the Thumba Equatorial Rocket Launching Station (TERLS) began.
- On 21st November 1963, from TERLS, the first rocket was launched.
- In 1967, Satellite Telecommunication Earth Station was constructed in Ahmedabad.
- ISRO (Indian Space Research Organization) was formed under the Department of Atomic Energy on 15th August 1969.
- On 1st June 1972, the Space Commission and Department of Space were formed.
- Aryabhata, India's first ISRO satellite, was launched on 19th April 1975
- An experimental satellite called Bhaskara-I was launched on 7th June 1979 for earth observations.

**No. of Participants : 124**

**Event Coordinators : 1. Dr. G. Rama Krishna, Professor, Dept. of ECE – Convener**

2. Mr. G Veerapandu, Associate Professor, Dept. of ECE