

INDUSTRIAL VISIT TO ISTRAC, PEENYA

A one-day Industrial Visit to ISRO Telemetry, Tracking and Command Network (ISTRAC), Bengaluru, was organized by the Department of Electronics and Communication, on 13th May 2019. The visit was undertaken by 49 students of 6th and 8th semester, accompanied by 2 faculty members.

ISRO Telemetry Tracking and Command Network (ISTRAC), Bengaluru, is entrusted with the major responsibility to provide tracking support for all the satellite and launch vehicle Missions of ISRO. The major objectives of the Centre are: to carry out mission operations of all operational remote sensing and scientific satellites, to provide Telemetry, Tracking and Command (TTC) services from launch vehicle lift-off till injection of satellite into orbit, and to estimate its preliminary orbit in space and hardware and software developmental activities that enhance the capabilities of ISTRAC for providing flawless TTC and Mission Operations service.

Mrs. Nisha, HR officer, welcomed the students at the venue, and visitor cards were issued for all the students and faculty. The students were first taken to an auditorium, and a video of the achievements of ISTRAC was shown there. Then, they were taken to the satellite control room. Students witnessed how geographic location is identified with the help of satellites. A working model of antenna was demonstrated. The students got to see various images of India, taken at different angles from the satellites, for the purpose of geographical / weather study. Details about the electronic devices and antennas used in satellite and space communication were explained.

Outcome of the Event:

Students witnessed the various technical processes involved in the development of satellite communication. They also gained knowledge about different types of antennas deployed in ground and air communication.



Industrial visit to ISTRAC, Peenya: Students of 6th semester and 8th semester, at the Entrance of institute accompanied by Faculty Mr. Naeem and Mrs. Geetha