



GNITS	GNITS-D/ECE/IETE/28.2/00
Departmental Technical Association	Department :ECE



IETE STUDENT FORUM

Date: 1-11-2019

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Report on industrial visit to SDSC-SHAR (ISRO)

An industrial visit to SDSC-SHAR (ISRO), Sriharikota has been organized by Department of Electronics and communication Engineering, GNITS, in association with IETE Students Chapter, with 94 students of final year B.Tech students on 29th October, 2019.

The objective of the visit was to provide a technical exposure to the students about Space Technology. The visit gave great exposure to the students about the future career prospects and areas of research in applied sciences.

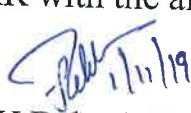
ISRO is the primary Space agency of India and one of the largest space research organizations in the world. SATHISH DHAWAN SPACE CENTRE (SDSC) or SRIHARIKOTA HIGH ALTITUDE RANGE (SHAR) is a rocket launch centre operated by Indian Space Research Organization (ISRO). It is located in Sriharikota in Andhra Pradesh.

After several security checks and administration formalities, students were taken to a central building. In this place, they were shown a video-'Gateway to Space'-on the ISRO, its history and the current facilities available. The GSLV and PLSV are the two launch vehicles used currently by ISRO to launch satellite into the geosynchronous and polar orbits respectively. The students were taken to first and second launch pads. These are the locations that are broadcasted on television for every rocket launch.

The students also visited Mission Control Centre (MCC). MCC is the focal point of controlling the vehicle. There are four rows in MCC where various chiefs of operations are seated and supervise the control of the launch vehicle.

A guide accompanied the students and gave the information about the basic principles involved in the launch of rockets.

Finally, students visited the Space Museum and were allowed to take photographs, where got an opportunity to know about the history of SHAR with the aid of many models related to the centre.


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