

Nalla Narasimha Reddy Education Society

Report On

Guest Lecture On “ Satellite data Acquisition” By

Ms.Hari Priya

The guest lecture on was conducted by the department of ECE on 30th
March 2019.

A guest lecture was arranged for III & IV year students by the ECE department on the 30th of March 2019. The speaker for the lecture was Ms.Hari Priya, Engineer/ Scientist, NRSA. He started by giving a brief history of satellite communication and then went on to explain the various types of satellites orbiting the earth.

The speaker also explain that Remote sensing makes it possible to collect data of dangerous or inaccessible areas. Remote sensing applications include monitoring deforestation in areas such as the Amazon Basin, glacial features in Arctic and Antarctic regions, and depth sounding of coastal and ocean depths. Military collection during the Cold War made use of stand-off collection of data about dangerous border areas. Remote sensing also replaces costly and slow data collection on the ground, ensuring in the process that areas or objects are not disturbed. Satellite images have many applications in meteorology, oceanography, fishing, agriculture, biodiversity conservation, forestry, landscape, geology, cartography, regional planning, education, intelligence and warfare. Images can be in visible colors and in other spectra. There are also elevation maps, usually made by radar images. Interpretation and analysis of satellite imagery is conducted using specialized remote sensing software.

The students felt that the lecture on Remote sensing is useful in terms of knowledge and information. This guest lecture has created awareness for the students with latest updates. The speaker has given an opportunity to students to visit NRSA with proper channel.



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