

Industrial Visit to NARL

The ECE department of Narayana Engineering College, Nellore organized a one day industrial visit to “NATIONAL ATMOSPHERIC RESERCH LABORATORY” (NARL) ,Gadanki ,chittoor on 05-04-19 B.Tech ECE Students.NARL is an autonomous research laboratory fully funded by the department of space, government of India and involved in carrying out fundamental and applied research in atmospheric and space sciences.

NARL at Gadanki near Tirupathi is an autonomous society supported by Department of Space. NARL regularly operates state-of-the-art MST Radar, Rayleigh, Mie LIDAR, Boundary layer LIDAR, sodium LIDAR, lower atmospheric wind profiler, Sodar, Disdrometer, Optical rain gauge Dual frequency GPS receiver, automatic weather station apart from regular launching of the GPS ballon sonde.

The following are the Highlights of the visit

- Students got witnessed the bird eye view of NARL campus, MST Radar, HF Radar, Rain Radar, X-Band Radar, Radar Electronics laboratory,
- Students visited High performance computer lab, LIDAR (laser Radar) lab ,L-band Radar lab , Sodar lab, Students got exposure towards Microwave radiometer. Microrain Radar,Flux Tower, Total Sky Imager, Aethalometer, Nephelometer, Electric field mill, GPS antenna, ROSA, Rayleigh Doppler Lidar, Mie Lidar, Brewer spectrophotometer,IRNSS,GPS radio occultation
- Students came to know about how Mars magnetic field, regional air quality, precipitation rate, lighting detectors, Solar eclipses, Cyclones are measured

The Industrial Visit was very well welcomed by the Students.

