

Industrial Visit to NARL

The ECE department of Narayana Engineering College, Nellore organized a one day industrial visit to “NATIONAL ATMOSPHERIC RESEARCH LABORATORY” (NARL), Gadanki, Chittoor on 13-4-18. 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 the 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 balloon sonde.

As a part of the visit, the students visited MST Radar, ICON Tower, Lidar, Rayleigh/Mie lidar. The technical information provided by the NARL team is so informative and upgraded the students with radar technology. NARL carries out its research activities under seven major groups, namely, Radar applications and development group, ionospheric and space research group, atmospheric structure and dynamic group, cloud and convective systems group, Aerosols, Radiation and trace gases group, Weather and climate research group and computers and data management group. Apart from these, there are special research centers.

