

**A Brief Report on an “Educational visit to U.P. Remote Sensing Application Center (RSAC)” at Kursi road, Lucknow which was held on 28<sup>th</sup> Septemer, 2021. Organized by the Department of Environmental Science, Integral University Lucknow.**

An Educational visit at **U.P. Remote Sensing Application Center (RSAC)** for the Students of B.Sc III<sup>rd</sup> Year and M.Sc Final Year was organized by the Department of Environmental Science, the students there were provided with a lecture "Role of Remote Sensing & GIS in Natural Resource Management" by Dr. Jay Mishra. They were also taken to their Computer Image Processing Lab where they were exposed to working nature of software's in various Natural Resources. The RSAC staff members interacted with all the students and made them aware about the major uses and applications of the technology. Earth systems science and technology is essential elements of a contemporary education. Remote sensing and GIS provide a valuable spatial framework for scientific inquiry, and are highly effective as a means to integrate Earth system science components. By this exposure and analyses towards today's advancement in modern remote sensing technology, students can build upon a conceptual framework for:

- Analyzing the condition of rural roads
- Creating a base map for visual reference
- Collecting earth's pictures from space
- Controlling forest fires
- Detecting land use and land cover
- Estimating forest supplies

Locating construction and building alteration

The students were accompanied along with their course teachers: Dr Anand Mishra and Ms Mohsina Khan respectively.

