



VISIT TO INDIA METEOROLOGICAL DEPARTMENT

CLASS: X-XII

DATE: 23rd July 2024

Exploring Meteorological Marvels!

The Geography department of ITL Public School had an enriching visit to the Indian Meteorological Department, Lodi Road. They delved deep into the world of weather monitoring and forecasting.

Highlights of the visit:

- Automatic Weather Station (AWS): Perfect for areas where manpower can't be deployed.
- Stevenson Screen: A vital tool for monitoring temperature and humidity.
- SSRG & ORG: The advanced self-recording rain gauge and the traditional ordinary rain gauge.
- Hair Hygrometer & Temperature Gauge: In double Stevenson screens, providing accurate measurements of temperature and humidity.
- Wind Tower: Equipped with wind mills and anemometers.
- SAT MET: Understanding satellite meteorology with INSAT 3DR for geo-stationary weather monitoring and polar orbiting satellites for detailed observations, briefed by Mr. Raju Bhargava.

Additional insights:

- Remote Sensing & Satellite Techniques: Briefed by Mr. Chinmay Kharge.
- Environment Monitoring: Learning about pollution level monitoring and devices like the Sun Sky Radiometer and Aethalometer for detecting black carbon.



