

# **Physical Research Laboratory Ahmedabad**

## **Area Seminar**

*(Space & Atmospheric Sciences Division)*

Title: **“Study of ozone and precursor gases at an urban site of Udaipur”**

Speaker: **Ravi Yadav**

Date: **29 September 2015**

Venue: **K. R. Ramanathan Auditorium**

Time: **1130 hrs**

### **Highlight of the talk:**

Udaipur is one of the most important tourist destinations in India. Air quality measurements have been done under the Modeling Atmospheric Pollutants and Networking (MAPAN) program of MoES. At this site, continuous measurements of surface ozone ( $O_3$ ), carbon monoxide (CO) and oxides of nitrogen ( $NO_x$ ) have been done since year 2010. We have investigated the features of diurnal and seasonal variations of trace gases. The relationships between trace gases and role of meteorological parameters have been studied. I will also present my research plan and progress to study some of NMHCs which are important precursors of ozone.

**All interested are welcome.**