

**Physical Research Laboratory
Ahmedabad**

Space & Atmospheric Sciences Division

Division Seminar

Title: “Synoptic features of fine and coarse mode aerosols over an urban region”

Speaker: Atar Singh Pipal

Date: 17 July 2017

Venue: Ground Floor Lecture Hall

Time: 16:00 hrs

Highlight of the talk:

Aerosols are an important component of the Earth's atmosphere which plays a significant role in influencing the air quality and climate on regional and global scales. Aerosols influence directly the Earth-atmosphere radiation budget by scattering and absorbing incoming solar and outgoing long wave radiation. In the seminar I will discuss the results obtained from a year-long measurement of aerosol size distribution (0.253-9.575 μm radius) on diurnal, monthly and seasonal basis, and their fine and coarse fractions over Ahmedabad. Details of measurement techniques and data analysis will be presented in the talk. The results obtained will be compared with those obtained at other urban locations and inferences will be drawn.

All interested are welcome.