

**Physical Research Laboratory  
Ahmedabad**

***Space & Atmospheric Sciences Division***

**Division Seminar**

**Title: “Atmospheric Chemistry and Dynamics over the Indian region: Modeling perspective-Part 2”**

**Speaker: Dr. Narendra Ojha**

**Date: 09 December 2019**

**Venue: Ground Floor Lecture Hall**

**Time: 16:00 hrs**

**Highlight of the talk:**

The changes in the air quality and climate are mediated through the atmospheric chemistry.

Indian subcontinent is a vast geographical system with very diverse natural and anthropogenic processes leading to complexities at both spatial and temporal scales. In this talk, a brief overview of different atmospheric models (box, regional, and global) and their use for specific applications will be presented. I would focus on the results evaluating the performance of such models in reproducing the atmospheric chemistry over the Indian region. A few recent modeling applications pertinent to the stratosphere-troposphere exchange and air quality aspects will also be discussed.

**All interested are welcome.**