
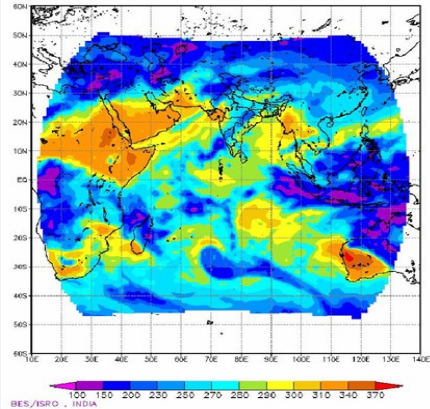


<p><b>Name</b></p> <p><b>Affiliation</b></p> <p><b>Qualification</b></p> <p><b>Program</b></p> <p><b>Duration</b></p>	<p>Mr. Prashant Singh</p> <p>Asst. Professor, Atharva College of Engg, Mumbai</p> <p>Ph. D</p> <p>Data Exploration Programme</p> <p>One month</p>	
<p><b>Project title</b></p>	<p>Study and comparison of deep convection events using WRF-Chem model and Kalpana-1 satellite</p> <p>Ability of WRF-Chem model in simulating the deep convection processes in the atmosphere is evaluated using Kalpana-1 data in this work. Role of deep convection and its impact on aerosol loading at higher elevations is examined. Simulation results suggest that the model reproduced the aerosol lifting to upper levels well.</p>	 <p>Outgoing Longwave Radiation (<math>W/m^2</math>) from Kalpana-1 for 0800Z 12 January 2010.</p>