
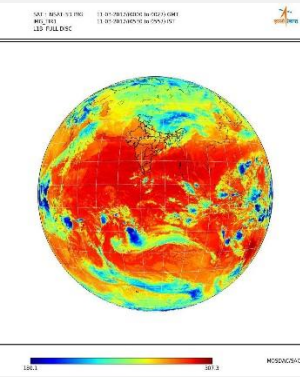


<p>Name</p> <p>Affiliation</p> <p>Qualification</p> <p>Program</p> <p>Duration</p>	<p>Mr. Patel Atul Kishorbhai</p> <p>U. V. Patel College of Engineering, Kherva, Mehsana</p> <p>B. Tech (Compute Science)</p> <p>Data Exploration Programme</p> <p>Four months</p>	
<p>Project title</p>	<p>MOPy (Meteorology and Oceanographic Python Based Library)</p> <p>MOPy is Meteorological and Oceanographic library for Python programme language. MOPy is developed to analyse and visualize satellite data mainly INSAT-3D data. Apart from INSAT-3D data, it is also capable for analysing and visualising Kalpana-1 and INSAT-3DR satellite data. It extracts H5 and NC files. It performs some basis operations such as display and animation of satellite imageries, time series plots, histogram analysis, etc.</p>	 <p>Display of INSAT-3D TIR-1 full disk data using MOPy.</p>