
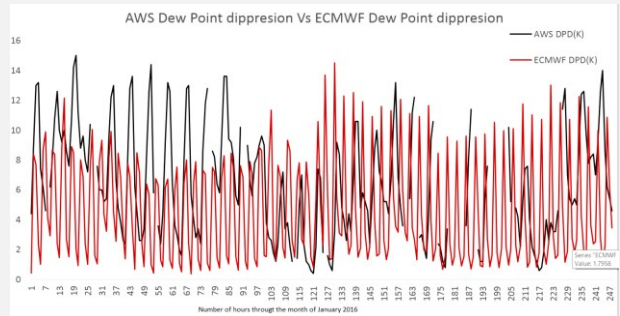


<p>Name Affiliation Qualification Program Duration</p>	<p>Mr. Piyush Pallav Central University of Jharkhand Integrated M. Sc (Applied Physics) Data Exploration Programme One month</p>	
<p>Project title</p>	<p>Validation of night time fog detection algorithm of INSAT-3D using ground detection technique over Delhi region</p> <p>The fog detection algorithm of INSAT-3D has been validated with automatic weather station (AWS) data over Pitam Pura (28.7° N 77.15° E) and European Centre for Medium Range Weather Forecasts (ECMWF) reanalysis data. The brightness temperature difference based fog algorithm detects fog conditions very well. Low wind speed (less than 1-2 m/s), dew point depression below 2°C collectively indicate the occurrence of fog.</p>	 <p>Comparison between AWS and ECMWF reanalysis Dew point depression data</p>