
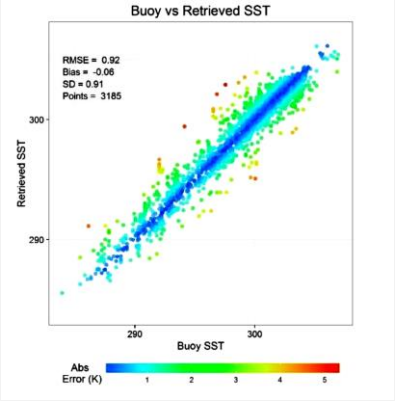


<p>Name Affiliation Qualification Program Duration</p>	<p>Mr. Tanul Mathur SV-NIT, Surat B. Tech (Mechanical Engineering) Data Exploration Programme Three months</p>	
<p>Project title</p>	<p>Sea Surface Temperature (SST) Retrieval from Satellite observations: A Gradient Boosting approach</p> <p>Use of gradient boosted trees approach for SST retrieval using INSAT-3D brightness temperatures and other auxiliary data is attempted. Dataset consisting of selective 36 days was used for training and the performance of the model was evaluated on a 4-day test-dataset. The results obtained show an error of 0.92 K which is better than the standard operational algorithms.</p>	 <p>Buoy Vs Retrieved SST (K)</p>