
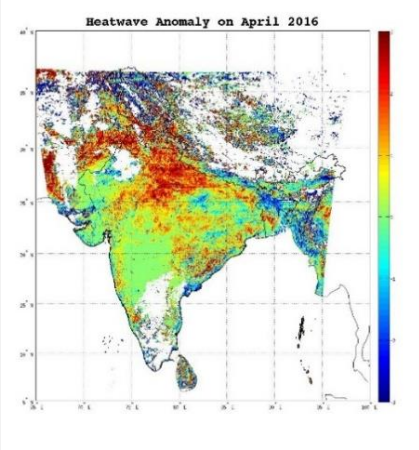


<p><b>Name</b> <b>Affiliation</b> <b>Qualification</b> <b>Program</b> <b>Duration</b></p>	<p>Mr. Emmanuel Rongmie Indian Institute of Technology, Bhubaneswar M.Sc (Atmospheric &amp; Oceanic Science) Research Initiation Programme One month</p>	
<p><b>Project title</b></p>	<p>Analysis of hot weather condition over North India during April 2016 using INSAT-3D LST data.</p> <p>INSAT-3D Land Surface Temperature (LST) data is used to study the hot weather condition prevailed over North India in April 2016. LST was unusually high during 14-16 April and 25 April in 2016. Likely reasons behind the unusual hot weather condition are advection of hot and dry air from Pakistan/Afghanistan region, clear-sky (sunny) condition and presence of lower tropospheric subsidence.</p>	 <p>LST anomaly (<math>^{\circ}\text{C}</math>) during 14-16, April, 2016 (a hot weather period) over the north-central Indian region at 1400 IST.</p>