
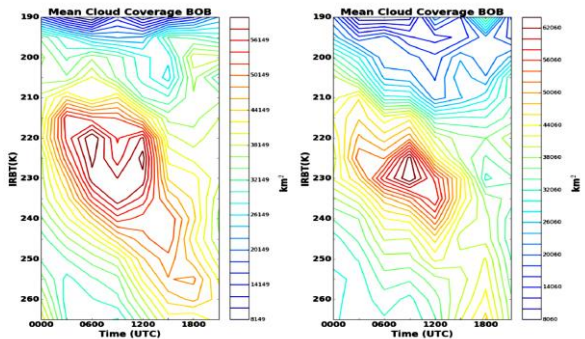


<p>Name Affiliation Qualification Program Duration</p>	<p>Mr. Vikash Kumar Sharma Indian Institute of Technology, Kharagpur M. Tech (Earth System Science & Technology) Advance Research Programme Nine months</p>	
<p>Project title</p>	<p>A study on diurnal variation of clouds and its associated features over tropical cyclones in the North Indian Ocean basins.</p> <p>The diurnal variation of the Cloud Cover Area (CCA) and Cloud Top Temperature (CTT) during Tropical Cyclone (TC) convective cloud systems in the North Indian Ocean (NIO) basins were estimated using Thermal Infrared Brightness Temperature (TIR-BT) from Indian satellite data and best-track data from Indian Meteorological Department (IMD) for 2008-2016.</p>	 <p>Temperature-time plots of mean cloud coverage at particular BT within 500 km from the TC centre (a) using INSAT-3D [2013-2016] and (b) Kalpana-1 [2008-2012] over Bay of Bengal.</p>