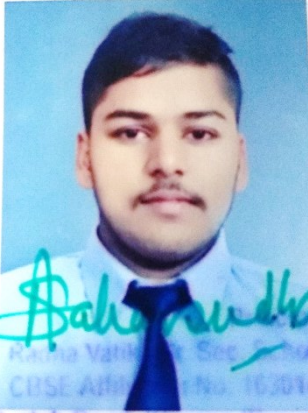
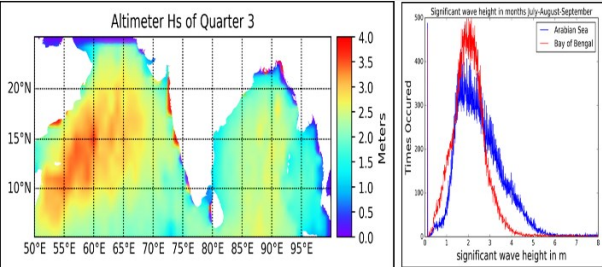


<p>Name Affiliation Qualification Program Duration</p>	<p>Mr. Kartik Garg Indian Maritime University, Visakhapatnam B. Tech (Naval Architecture and Ocean Engineering) Research Initiation Programme Two months</p>	
<p>Project title</p>	<p>Wind and Wave Analysis using Satellite Altimeter Data</p> <p>Using Design Wave method, long duration return period of extreme wind and wave height condition are studied to take preventive measures to keep off-shore structures intact over the Bay of Bengal and the Arabian sea using satellite data. Altimeter, Scatterometer, Radiometer and buoy inter-calibrated data from 1994 to 2017 have been used for this study. Seasonal variation in significant wave height and wind speed over North Indian ocean is studied using SARAL AltiKa data during April 2013-2016.</p>	 <p>Variation in significant wave height (m) during July to September season computed using SARAL/AltiKa data.</p>