
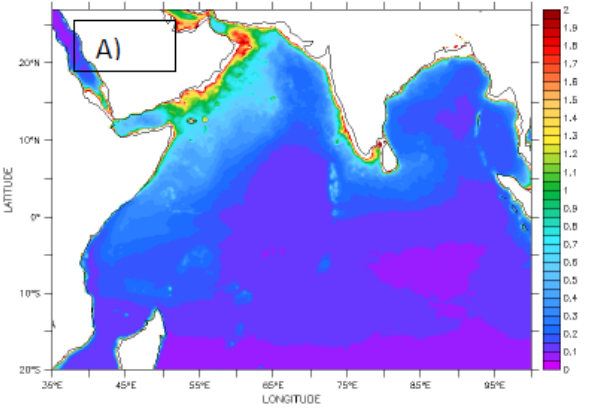


<p>Name</p> <p>Affiliation</p> <p>Qualification</p> <p>Program</p> <p>Duration</p>	<p>Mr. Sachin V M</p> <p>Cochin University of Science & Technology, Cochin</p> <p>M. Sc [Environmental Technology]</p> <p>Research Initiation Program</p> <p>Four months</p>	
<p>Project title</p>	<p>Understanding the coupling between Physical and Biological processes in controlling the primary productivity of Indian Ocean</p> <p>Satellite derived ocean parameters in conjunction with coupled bio-physical model were used to understand the coupled interaction of biological and physical parameters that control primary productivity of the Indian Ocean. Spatial and temporal variability of chlorophyll-a were studied. Total alkalinity variability over Arabian Sea and Bay of Bengal were analysed. Inter-annual variability of oil sardine catch along Indian coasts and impact of changing ocean scenario on fish population were studied for Indian coasts.</p>	 <p>Climatology of Chl-a (mg/m³) over the Indian ocean during post monsoon period from satellite data.</p>