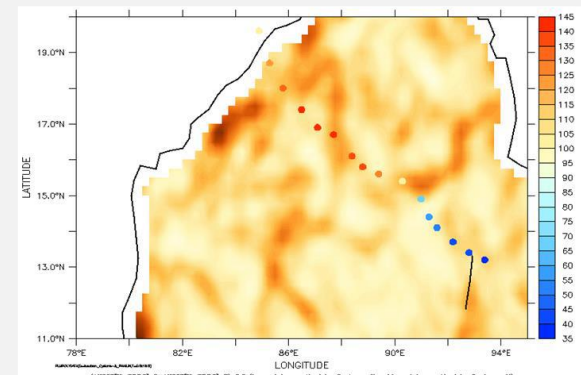


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**Program** Research Initiation Programme  
**Duration** Four months



**Project title** Preliminary Study on Role of Oceanic Parameters in Modulation of Tropical Cyclones

Attempt has been made to study the ocean surface features and its interaction with cyclones. The SST and large scale ocean SST fronts which represent the characteristics ocean skin layer have been analysed. Also ADT (proxy to the ocean heat content) is analysed. This analysis during 2011-2013 suggest that SST and its gradient play a crucial role in intensification/weakening of tropical cyclone/storm.



Track of tropical cyclone Phailin along with SST Front field.