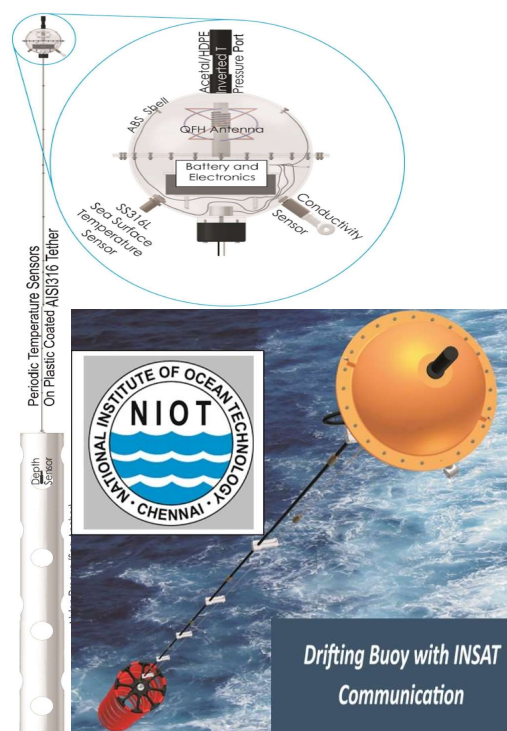


Drifting buoys are widely deployed to measure near surface ocean currents and temperature. Drifting buoy was indigenized in India with geostationary satellite communication (INSAT communication) to have near real-time data at every hour. The measurement scheme in the drifting buoys is capable to measure variability in sea surface temperature and small mesoscale surface eddies. The drifter buoys and agro floats technologies were developed with an objective to understand the circulation pattern in Indian Seas and to study the air sea interaction process. Even useful to study the role of ocean in climate variability and El-Nino. These equipments quantitatively describe the upper ocean dynamics and the patterns of ocean climate variability. This information is essential to document seasonal to decadal climate variability and its predictability. The equipment even facilitates in providing information about weather forecast & monsoon prediction



This technology is developed by **National Institute of Ocean Technology**, Ministry of Earth Sciences, Govt. of India and seeks to stimulate the use of technology by commercialization under Make in India Initiative and **National Research Development Corporation** will facilitate for smooth transfer and licensing of the technology with affordable Licencing terms and conditions.

*Any company or organization interested in the technical know-how and to get more details about the technology please refer the contact details below.*

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