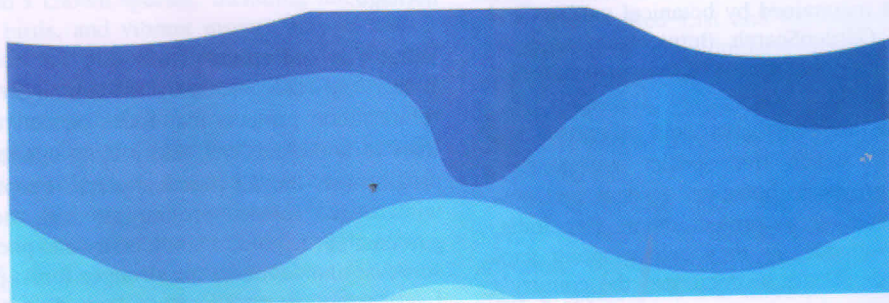


INCOIS Navigates the Oceans with Revolutionary App

INCOIS

SAMUDRA



THE Indian National Centre for Ocean Information Services (INCOIS) is a constituent scientific institution of the Ministry of Earth Sciences (MoES), Govt of India. It carries research in oceanography and marine services. INCOIS has recently come up with its revolutionary product, an innovative app named “*Samudra*”. This app connects advanced ocean sciences with everyday human needs and thus can be used by a wide spectrum of users, right from fishermen to maritime experts and scientists.

Since its inception, INCOIS has been providing ocean information services and disaster warnings, along with sustainable marine resource management. INCOIS was aspiring to have a digital platform, which is easily accessible and can provide ocean data to the people in real-time. And resultantly, in due course of time, they developed *Samudra*, a user-friendly mobile app that is capable of delivering

ocean conditions-related information to a user anytime and anywhere.

Features and Functions

Samudra app stands out with its array of user-friendly features. One of the essential features of the *Samudra* app is its active alert indication feature. The home screen shows the active alerts prominently, such as high wave alerts, swell surge alerts, current tsunami warnings, and storm surge information. This direct access to alert information enables the users to be aware of the most dangerous conditions.

On the other hand, this app provides a wide range of marine services like PFZ (Potential Fishing Zones), astronomical tides, marine heat waves, and tsunami warnings. The fishing community benefits the most from these services. The PFZ guideline is issued to fishermen for the identification