

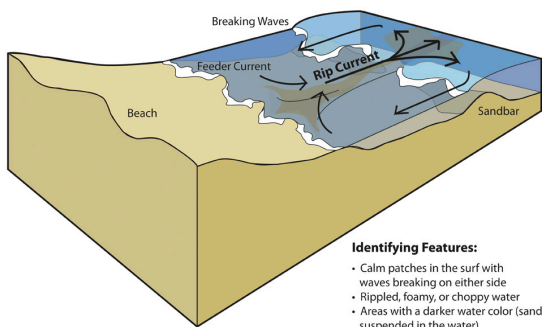


19 February 2024

Telangana State Regional News

INCOIS, ISRO to study rip currents for safer beaches

Rip Current



- Identifying Features:**
- Calm patches in the surf with waves breaking on either side
 - Rippled, foamy, or choppy water
 - Areas with a darker water color (sand suspended in the water)
 - Adjacent sand bars, reefs, or inshore holes

Context:

- Indian National Centre for Ocean Information Services (INCOIS), Hyderabad and Indian Space Research Organisation (ISRO) have embarked on a project to continuously monitor and issue operational forecast alerts of rip currents.

About Project:

- Continuous monitoring of rip currents using advanced technologies like satellites and ocean observatories.
- Development of operational forecast models to predict rip current occurrence, intensity, and location.
- Issuing timely alerts to authorities and beachgoers about potential rip current hazards.

Rip Currents:

- Rip currents are powerful, narrow channels of water flowing seaward, posing a significant threat to beachgoers, especially swimmers and inexperienced individuals.

Draft environmental impact assessment report for Yadadri thermal plant

Context:

- The draft Environment Impact Assessment (EIA) report prepared by the Telangana State Power Generation Corporation (TSGENCO) for seeking environmental clearance for the Yadadri Thermal Power Plant in Damarcherla of Nalgonda district is fraught with errors and inaccuracies


About:

- K. Babu Rao, a retired scientist from Indian Institute of Chemical Technology (IICT) alleged that this draft shows lack of diligence and professional integrity

Flue gas stack



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	<ul style="list-style-type: none"> Major flaw in the draft report pertains to the Flue Gas Desulphurisation (FGD) and Nitrogen Oxides removal systems which have been made mandatory by the Ministry of Environment, Forests & Climate Change in all power plants commissioned.
<p>Centre sanctions ₹3 crore for Medaram Jatara</p>	<p>Context:</p> <ul style="list-style-type: none"> The Indian government has sanctioned ₹3 crore for the upcoming Medaram Jatara festival in Telangana. This announcement was made by the Union Minister for Tourism, Culture and Development of Northeast Region G. Kishan Reddy <p>Key Points:</p> <ul style="list-style-type: none"> The funds come from both the Tourism and Tribal Welfare ministries. The Medaram Jatara is a biennial tribal festival celebrated in Mulugu district, Telangana. It is considered one of the largest tribal gatherings in Asia, attracting millions of devotees. The grant will be used to support various aspects of the festival, including infrastructure development, cultural programs, and security arrangements. <p>Read more about the Jatara in previous Addapedia.</p>
<p>RGIA tops on-time performance for four airlines in January 2024</p> 	<p>Context:</p> <ul style="list-style-type: none"> Hyderabad's Rajiv Gandhi International Airport (RGIA) has achieved the best on-time performance (OTP) ratings for four airlines: SpiceJet, Air Vistara, AIX Connect, and Akasa Air. This impressive feat highlights the airport's operational efficiency and commitment to a smooth travel experience for passengers. Hyderabad secured the second position for Alliance Air and IndiGo, while it took the third spot for Air India.



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ATL makes key components for GSLV and INSAT-3DS

Context:

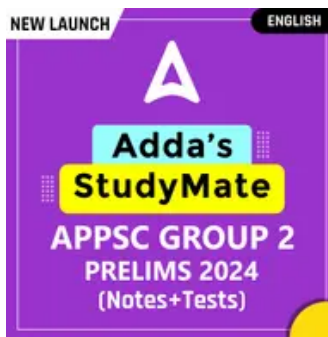
- Hyderabad-based Ananth Technologies Limited (ATL) played a crucial role in the recent successful launch of the Geosynchronous Satellite Launch Vehicle (GSLV-F14) and INSAT-3DS satellite by the Indian Space Research Organisation (ISRO).

ATL's Contributions:

- **GSLV-F14:** Supplied critical components for the launch vehicle, contributing to its successful liftoff and function.
- **INSAT-3DS:** Provided essential components for the advanced meteorological satellite, supporting its data collection, imaging, and communication capabilities.

Significance:

- **Boosting India's Space Program:** ATL's involvement highlights the growing contribution of Indian private companies to the nation's space ambitions.
- **Technological Expertise:** Demonstrates ATL's capabilities in manufacturing complex and high-precision components for demanding space applications.



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