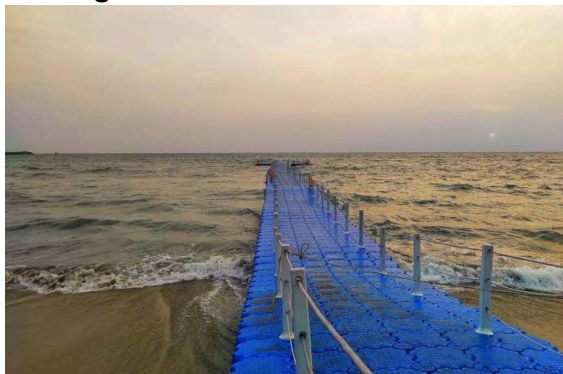




19 February 2024

Andhra Pradesh State Regional News

AP's first floating sea bridge to come up in Vizag



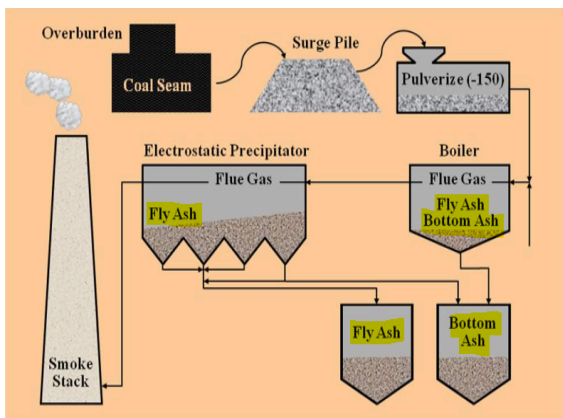
Context:

- Andhra Pradesh is set to unveil its first-ever floating sea bridge at the popular RK Beach in Visakhapatnam.
- The bridge will offer a new adventure tourism attraction along the coast

About:

- It extends **100 feet into the sea.**
- **Lifeguards** will be **stationed every 25 metres** to ensure the safety of visitors.
- Two lifeboats will also be stationed on either side of the bridge.
- This **exciting project promises to be a major boost for tourism** and a thrilling addition to the city's attractions.

Fly ash from NTPS irks residents in Andhra's NTR districts



Context:

- **Dr. Narla Tata Rao Thermal Power Station (NTPS)** in Andhra Pradesh is facing **increasing health concerns due to fly ash pollution.**
- **Fly ash**, a byproduct of coal combustion, is **released by the power plant and poses a significant threat** to the air, water, and soil quality in the surrounding villages.

Key points of concern:

1. Air pollution.
2. Water pollution
3. Health impacts

About:

- **Fly ash is a fine, grey powder** created during the combustion of coal in power plants.
- It's composed mainly of silicon, aluminum, and iron oxides, but its composition can vary depending on the coal source and combustion process.

IIT Tirupati bags first prize in Robotrac contest

Context:



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	<ul style="list-style-type: none"> <li>• A team of <b>students</b> from IIT Tirupati, aptly named "<b>Thunder Bolt</b>," has emerged <b>victorious</b> in the prestigious <b>Robotrac</b> contest</li> <li>• It was organized by the <b>Regional Science Centre</b> and the <b>Indian Science Congress Association (ISCA)</b></li> <li>• This competition challenges participants to design and build robots capable of tackling specific tasks.</li> </ul>
<p><b>Efforts on to get UNESCO tag for 'Paruveta Utsavam' of Ahobilam</b></p>	<p><b>Context:</b></p> <ul style="list-style-type: none"> <li>• The <b>annual 'Paruveta Utsavam'</b>, a <b>mock hunting festival</b> held at the Sri Narasimha Swamy temple in Ahobilam, Andhra Pradesh, is aiming for <b>prestigious recognition</b> as an "<b>intangible cultural heritage</b>" by <b>UNESCO</b></li> <li>• The <b>Indian National Trust for Art and Cultural Heritage (INTACH)</b> is spearheading the initiative, working closely with the temple authorities and local communities</li> </ul> <p><b>About:</b></p> <ul style="list-style-type: none"> <li>• <b>UNESCO</b> recognition would bring <b>global attention</b> and appreciation for this vibrant festival, potentially boosting tourism and cultural exchange.</li> <li>• The tag would also act as a <b>safeguard</b> for the tradition's preservation and transmission to future generations.</li> </ul>
<p><b>Super ECBC building coming up in Vizag for greener future</b></p>	<p><b>Context:</b></p> <ul style="list-style-type: none"> <li>• Visakhapatnam, popularly known as Vizag, is set to witness a landmark project – the <b>Super ECBC building</b>, a testament to India's commitment to sustainable construction.</li> <li>• This state-of-the-art structure, a collaboration between the Bureau of Energy Efficiency (BEE), APEPDCL, and APSECM, embodies innovation and aims to redefine architectural paradigms</li> </ul> <p><b>Key features:</b></p> <ul style="list-style-type: none"> <li>• <b>Energy Efficiency:</b> The building adheres to the Super ECBC (Energy Conservation Building Code), ensuring significantly lower energy consumption compared to conventional structures. This translates to reduced carbon footprint and operational costs.</li> </ul>



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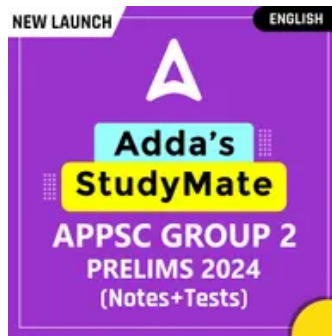
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- **Sustainable Design:** The building incorporates eco-friendly features like natural daylighting, rainwater harvesting, and energy-efficient appliances. These elements minimize environmental impact and promote resource conservation.
- **Innovation Hub:** The Super ECBC building is not just about bricks and mortar. It serves as a training institute for APEPDCL and a platform to showcase and promote sustainable building practices across the country.



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