



17 June 2024

Telangana State Regional News

Ancient sculptures



Context:

- Ancient sculptures of **10-15th centuries** unearthed in Telangana's Sugur village.

Key points:

- Among the findings is a distinctive **Panditagallu sculpture** from the **10th and 11th centuries**, portraying a scholarly figure seated in **Shaiva Tantric yogasana**.
- **Clad in royal attire**, the figure holds a 'Gantam' in one hand and a book in the other, symbolizing **intellectual pursuits of the time**.
- Another significant discovery is a rare **15th century sculpture depicting a woman engaged in self-immolation**.
- The sculpture shows her seated in **Padmasana with hands in Anjali Mudra**, wearing a crown made of rudraksha beads, and adorned with additional beads on her shoulders and forearms. Notably, she is depicted with a **Shivalinga atop her head**.
- Previously, similar sculptures depicting female self-immolation were found by historians in **Siddipet district**.

Pumped-storage hydroelectricity (PSH)

Context:

- Singareni Collieries Company Limited (SCCL) is planning to set up a **100 megawatt pumped storage hydro-electric project** at Jawahar Khani opencast mine in Yellandu mandal of Bhadradri Kothagudem district.

Key points:

- **Pumped-storage hydroelectricity (PSH)** systems work by moving water between two reservoirs at different elevations to store energy and generate electricity.

Here's how it works:

1. During periods of **low electrical demand** (typically at night), excess electricity from the grid is used to pump water uphill from a lower reservoir to a higher reservoir.
2. When there is high electrical demand (typically during the day), the stored water is released back down through a turbine, which generates electricity as the water flows.

Advantage of PSH system

- It acts as a **bridge, storing excess energy during surpluses and releasing it when needed**. This maximises renewable energy utilisation, advancing a cleaner and more sustainable energy mix.



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	<ul style="list-style-type: none"> Compared to battery storage, PSH is considered more cost-effective and efficient. Its energy conversion rates often exceed 80 per cent, and PSH systems are known for their reliability and longevity. Their scalability and adaptability make them suitable for various terrains, and they leave a minimal environmental footprint.
Justice Ghose Commission	<p>Context:</p> <ul style="list-style-type: none"> Justice PC Ghose Commission is probing the allegations of irregularities in the Kaleshwaram Lift Irrigation Scheme. <p>Key points:</p> <ul style="list-style-type: none"> The commission is also likely to analyse the financial transactions of the contractor agencies due to allegations of massive corruption. If a summons is issued by the commission, the respondents are duty-bound to depose before it. The Commission met with retired engineers from the 2015 Anantha Ramulu Committee, who handed over their report. They informed the Commission that their recommendation to construct the barrage at Thummidihatti was ignored and instead Medigadda was chosen by the government for the project.
Krishna River water sharing	<p>Context:</p> <ul style="list-style-type: none"> Govt to seek fair share for Telangana in Krishna River waters. <p>Key points:</p> <ul style="list-style-type: none"> Telangana government to aggressively pursue legal cases before the Krishna Water Disputes Tribunal-II (KWDT-II) and the Supreme Court, to get its fair share of Krishna river water. Telangana unhappy with ad-hoc allocation of Krishna water made in 2015 and now wants 50:50 share till a final decision is made by KWDT-II Telangana refuses to handover control of Srisailem and Nagarjuna Sagar dams to Krishna River Management Board. Telangana to discuss water sharing issues with neighboring states to find an amicable solution. <p>About KWDT-II</p> <ul style="list-style-type: none"> Established in 2004 under the Inter-State River Water Disputes Act, 1956. Tasked with allocating Krishna River water among riparian states of Maharashtra, Karnataka, and Andhra Pradesh (now Telangana and Andhra Pradesh) Made recommendations in 2010, but the award is still sub-judice (under legal consideration) before the Supreme Court due to a stay order.



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Black-naped monarch



Context:

- Black-naped Monarch bird spotted in Adilabad.

Key points:

- The bird is seen across **tropical southern Asia** from **Iran** and **Sri Lanka east to Indonesia and the Philippines**.
- This species is usually found in **thick forests** and other well-wooded habitats.
- They are **sexually dimorphic**, with the male having a distinctive black patch on the back of the head and a narrow black half collar ("necklace"), while the female is duller with olive brown wings and lacking the black markings on the head.
- They are **insectivores**, feeding on butterflies, spiders, and other flying insects.

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TSPSC, Telugu SSC, Telugu
Bank, Telugu Railway

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