



## Rapid Fire Current Affairs

### India's first-ever Gold Medal at the World Archery Championship

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Recently, the Prime Minister extended congratulations to the Indian women's compound team comprising [Jyothi Surekha Vennam](#), **Parneet Kaur**, and **Aditi Gopichand Swami**, for securing India's inaugural Gold medal at the World Archery Championship in Berlin.

- Aditi Gopichand Swami became the **youngest-ever senior world champion** and the **first Indian to win an individual compound gold medal** at the World Archery Championships at the age of 17.
- World Archery is the **international federation for the Olympic and Paralympic sport of archery**.
- The organization was **founded in 1931** and is responsible for **regulating and promoting archery around the world**.
- World Archery is based in the **Olympic capital of Lausanne, Switzerland**.

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### Ancient Giant Whale: Perucetus Colossus



The recent identification of ***Perucetus colossus* (the colossal whale from Peru)**, an ancient whale species, has redefined the understanding of **marine giants**. A study published in **Nature** reveals this colossal creature's remarkable features, potentially reshaping the narrative of gigantism in marine mammals.

- The estimated skeletal mass of *P. colossus* **exceeds that of any known mammal or aquatic vertebrate**.

- The partial skeleton includes **13 vertebrae, 4 ribs, and 1 hip bone, found in Southern Peru and believed to be around 39 million years old.**
- With an estimated body mass **ranging between 85 and 340 tonnes and a length of 20 meters (66 feet),** the newly discovered species **challenges the blue whale's status as the heaviest animal.** Although the **blue whale remains longer, reaching over 100 feet (30 meters) in length.**
- The species displays the **highest degree of bone mass increase** observed, associated with shallow diving.
- The trend towards gigantism in marine mammals might have **originated earlier than previously believed.**

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## Chandrayaan-3 Enters Lunar Orbit

**Chandrayaan-3**, India's ambitious lunar mission, has achieved a significant milestone by **entering lunar orbit twenty-three days after its departure from Earth.**

- **Chandrayaan-3** is India's third lunar mission and second attempt at achieving a soft landing on the moon's surface.
  - The mission took off from the [Satish Dhawan Space Center \(SDSC\) in Sriharikota on July 14, 2023](#), at 2:35 pm.
- **Orbits:**
  - **Lunar orbit:** The curved path followed by a **spacecraft as it revolves around the Moon.**
  - **Translunar:** The trajectory that takes a spacecraft from Earth to a **point beyond its orbit, en route to the Moon.**
  - **Earth orbit:** The elliptical or circular path that a satellite or spacecraft traces **around the Earth due to gravitational forces.**

Read more: [Chandrayaan-3](#)

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## 9th National Handloom Day

**National Handloom Day** is observed across India on **August 7 every year.**

- The primary goal of celebrating Handloom Day is to promote the handloom and to recognise the efforts as well as skills of the community of weavers engaged in the sector.
- It was first celebrated on **August 7, 2015.** The date holds historical significance, paying homage to the [Swadeshi Movement](#) **launched on August 7, 1905**, which championed indigenous industries and, particularly, handloom weavers.
- Theme for National Handloom Day 2023: "Handlooms for Sustainable Fashion"

Read more: [National Handloom Day](#), [Swadeshi Movement](#)