



Rapid Fire Current Affairs

Bharat Atta Sale to Stabilize Rising Wheat Flour Prices

The Indian government has launched the sale of '**Bharat**' brand **Atta (wheat flour)** with a **maximum retail price (MRP) of Rs 27.50 per kilogram** which is lower than the national average price of Rs 35.93 per kg.

- This initiative is part of the government's **ongoing efforts to stabilize the prices** of essential commodities and provide relief to consumers.
- '**Bharat**' **Atta** will be available through various outlets, including [Kendriya Bhandar](#), [National Agricultural Cooperative Marketing Federation of India Limited \(NAFED\)](#), and **National Cooperative Consumer Federation (NCCF)**, ensuring its accessibility to a broader consumer base.
 - NAFED, founded in 1958, is a leading Indian cooperative organization for **agricultural product procurement and marketing**.
 - NCCF is an **apex organization for consumer cooperatives**. It functions under the **Ministry of Consumer Affairs, Food and Public Distribution**.
 - Both NAFED and NCCF are registered under the [Multi-State Co-operative Societies Act, of 2002](#).
- The efforts to stabilize prices of essential commodities have not only benefitted consumers but also supported farmers by ensuring a fair price for their produce.

Read more: [Kendriya Bhandar](#)

Earth's Deep Clues to Moon Formation

Recent research reveals that [Earth's deep interior](#) contains **evidence of a massive collision more than 4.46 billion years ago**, shedding light on the [formation of the moon](#) and the planet's evolution.

- A colossal impact created molten rock that later formed the moon by coalescing in space.
 - Two **continent-sized blobs (large, dense regions) within Earth's mantle**, one under **Africa and another under the South Pacific**, are believed to be remnants of this ancient collision.
- These blobs, denser than the surrounding material, may have originated from the collision between **primordial Earth and a Mars-sized object called Theia**.
 - Theia is believed to have collided with young Earth **forming the Moon and leaving material in the lower mantle**.
- Computer simulations support the idea that most of Theia was absorbed into Earth, forming these blobs, while residual debris formed the moon.
 - These blobs are about 2% of Earth's mass, twice the mass of the entire moon.
 - The increased density in the blobs is attributed to their high iron content, similar to moon rocks.

Read more: [Inner Core of the Earth](#)

Krishi 24/7: AI Revolutionizing Agricultural News Monitoring

The collaboration between the **Department of Agriculture and Farmers Welfare (DA&FW)** and the **Wadhvani Institute for Artificial Intelligence (Wadhvani AI)** resulted in the development of **Krishi 24/7**, a groundbreaking **AI-powered solution designed for automated agricultural news monitoring and analysis**.

- With support from **Google**, this innovation aims to transform the process of identifying and managing agricultural news articles, **ensuring timely alerts and actions to safeguard farmers' interests and foster sustainable agricultural growth**.
 - **Krishi 24/7** scans and translates articles in multiple languages, extracting crucial information.

Read more: [Artificial Intelligence & Agriculture](#)

Timed Out Dismissal in Cricket

Sri Lankan Batsman **Angelo Mathews'** **timed-out dismissal** during a **recent ICC Men's Cricket World Cup 2023** match against Bangladesh stands as a first instance of timed-out dismissal in the **146-year** chronicle of International Cricket.

- As per the **ICC Men's Cricket World Cup 2023 playing conditions**, the incoming batter must be ready to face the next ball within a strict 2-minute time limit.
 - However, the **Marylebone Cricket Club's (MCC) Law 40.1.1 states** that following a wicket fall or a batter's retirement, the **new batter must be prepared to face the next ball within 3 minutes**. Failure to do so results in a **'Timed Out' dismissal**.
- The batter argued that the delay was due to a faulty helmet, not an attempt to waste time or gain an advantage.
 - However, the **rules do not account for last-minute equipment malfunctions**.

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