

Top 10 Current Affairs of Today - July 11, 2024

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Our daily current affairs are perfect for busy people who want to stay up-to-date on the latest events. They are short, engaging, and easy to understand, and they cover a wide range of topics, from politics and business to sports and entertainment.

Today's blog will be on the current affairs of 11th July 2024. So, check out the current affairs and stay up-to-date. You can download PDF also for current affairs today.

Let's check this news about (Bharat Bill Payment System) Then, we will move ahead.

Regenerative Braking

Regenerative braking in electric vehicles captures the energy usually lost as heat during braking and converts it into electricity. This energy is then stored in the vehicle's battery for future use, improving overall energy efficiency and extending the driving range. The process involves an electric motor acting as a generator to recover kinetic energy.



[Image Source: The Hindu]

Sentinel Nuclear Missile

The Pentagon is restructuring the LGM-35A Sentinel ICBM program due to soaring costs, now projected at *140.9 billion, a significant increase from the original 77.7 billion* estimate. Modifications aim to reduce costs and address issues in the command and launch segment. Despite potential delays, the program is essential for national security. The Air Force will sustain the Minuteman III missiles during this transition. Revisions and new approval processes are expected to take 18-24 months, with efforts to improve management and cost control.

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[Image Source: Fortune]

Mitochondrial Disease

Mitochondrial disease affects energy production in cells, potentially causing organ failure. A new IVF method, mitochondrial donation, offers hope for families with mito by enabling the birth of children without the faulty DNA. Approved by Australia in 2022 under Maeve's Law, this technique is undergoing clinical trials to ensure safety and efficacy. The process involves transferring nuclear DNA into a donor egg with healthy mitochondria. A recent study suggests stored eggs might be donated for preclinical research to advance this technique.



[Image Source: Business Standard]

Integrated Tribal Development Programme

NABARD is launching an integrated tribal development programme in Kulathupuzha grama panchayat, Kollam, managed by Thanal. Over five years, it aims to enhance livelihoods for 413 tribal families across eight hamlets. The initiative, inaugurated by Baiju N. Kurup, focuses on sustainable agriculture (pepper, arecanut, coconut, etc.), livestock rearing, and other sectors. It includes water resource development, leadership training, sanitation, marketing workshops, and aims to establish a Tribal Farmer Producer Company for economic empowerment.

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[Image Source: The Hindu]

India to sign Biodiversity Beyond National Jurisdiction (BBNJ) Agreement

India's Union Cabinet, led by Prime Minister Narendra Modi, approved signing the Biodiversity Beyond National Jurisdiction (BBNJ) Agreement, marking a significant step for marine biodiversity conservation beyond national jurisdiction. The Ministry of Earth Sciences will oversee implementation. The agreement, under UNCLOS, aims for sustainable use of high seas biodiversity through international cooperation, fair benefit-sharing, and environmental protections. It supports SDG14 and emphasizes ecosystem-centric approaches, traditional knowledge, and scientific advancements. India anticipates strategic benefits, including enhanced marine conservation, scientific research opportunities, and global collaboration.



[Image Source: ET Government]

Project PARI

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Project PARI, initiated by the Ministry of Culture during the 46th World Heritage Committee Meeting in New Delhi, aims to enhance Delhi's aesthetic and cultural appeal through public art. Over 150 artists nationwide contribute murals, sculptures, and installations inspired by traditional Indian art forms like Phad, Thangka, and Warli, alongside modern themes. This effort democratizes art, enriching urban spaces and fostering cultural identity and engagement.

[Image Source: PIB]

NASAs Gold Mission

NASA's GOLD satellite, launched in 2018, has made a surprising discovery in Earth's ionosphere. It observed X- and C-shaped formations, typically associated with geomagnetic disturbances, appearing unexpectedly during quiet periods. These formations, found over the Western Hemisphere, are believed to be influenced by lower atmospheric dynamics post-sunset. Such structures can disrupt GPS and radio signals, highlighting the need for deeper understanding of atmospheric interactions. NASA's ongoing research aims to elucidate these phenomena and their implications for communication technologies.



[Image Source: Phys.org]

India's employment rate rises from 3.2% to 6%

In FY24, India added 4.67 crore jobs, increasing total provisional jobs to 64.33 crore from 59.67 crore in FY23, per RBI's India KLEMS data. Employment growth rose to 6% from 3.2% in FY23. However, challenges persist with high unemployment rates, especially in the formal sector, where post-pandemic recovery remains slow. Agriculture still employs 46% of the workforce despite contributing less than 20% to GDP. The unemployment rate reached 9.2% in June 2024, up from 8% in FY24, with 3.7 crore actively seeking jobs.



[Image Source: The Indian Express]

President launched National Campaign Lifestyle for Sustainability

President Smt Droupadi Murmu inaugurated the Brahma Kumaris Divine Retreat Centre in Haridamada village near Bhubaneswar, Odisha, and launched the national campaign 'Lifestyle for Sustainability'. Emphasizing harmony with nature, she highlighted Indian cultural values that revere nature as vital for survival. She addressed modern environmental challenges like climate change and stressed the need for adopting eco-friendly lifestyles. Encouraging practical steps like minimizing water and energy waste, she called for widespread awareness and adoption of sustainable practices across rural and urban areas alike.

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75 Azadi Ka Amrit Mahotsav

[Image Source: PIB]

PV Sindhu and Sharath Kamal to be flag bearers of India at Paris Olympics 2024

Ace shuttler PV Sindhu will be India's female flag bearer at the 2024 Paris Olympics, joined by table tennis star Sharath Kamal. Shooter Gagan Narang replaced Mary Kom as India's Chef-de-Mission following her resignation. Indian Olympic Association President PT Usha appointed Narang due to his Olympic medalist status. India's largest-ever shooting contingent, with 21 medal contenders, reflects high hopes for the Games. Usha expressed confidence in the team's readiness to achieve significant results at Paris 2024.



[Image Source: Hindustan Times]

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