

June - 07

TNPSC BITS

- ❖ India won the presidency of the International Institute of Administrative Sciences (IIAS) for the 2025-2028 term during the General Assembly Meeting in Brussels, Belgium.
- ❖ China has recently unveiled its plan to construct the world's first hybrid fusion-fission nuclear plant, named Xinghuo, meaning "spark" in Mandarin.
- ❖ Indian Oil Corporation is setting up India's largest green hydrogen plant at its Panipat refinery in Haryana, aiming to produce 10,000 tonnes annually by 2027.
- ❖ India and Norway signed an MoU to build its first ever Polar Research Vessel (PRV) indigenously.
- ❖ The 3rd Lavender Festival was held in Bhaderwah, Jammu and Kashmir which celebrates the region's growing role in India's Purple Revolution.
- ❖ Kumar Mangalam Birla, Chairman of the Aditya Birla Group, has been conferred with the Global Leadership Award by the U.S.-India Strategic Partnership Forum (USISPF) at its 8th annual Leadership Summit.

TAMIL NADU NEWS

Six years of gender clinics



- ❖ In 2019, Tamil Nadu became the second State in the country, after Kerala, to set up a clinic exclusively for the transgender people at the RGGGH (Rajiv Gandhi Government General Hospital), Chennai.

- ❖ Later, at Government Rajaji Hospital in Madurai, it offered free gender affirmation surgeries.
- ❖ In addition to the clinics in Chennai and Madurai, 10 other gender clinics have also been established in various districts across the State — including Salem, Coimbatore, Tiruchi, Villupuram, Vellore, Dharmapuri, and Thanjavur.
- ❖ As of 2024, the hospital has performed 171 gender affirmation surgeries for the transmen and women.
- ❖ Trans people aged 18 and above are eligible for surgery.

Scientists Awards for 2022 and 2023

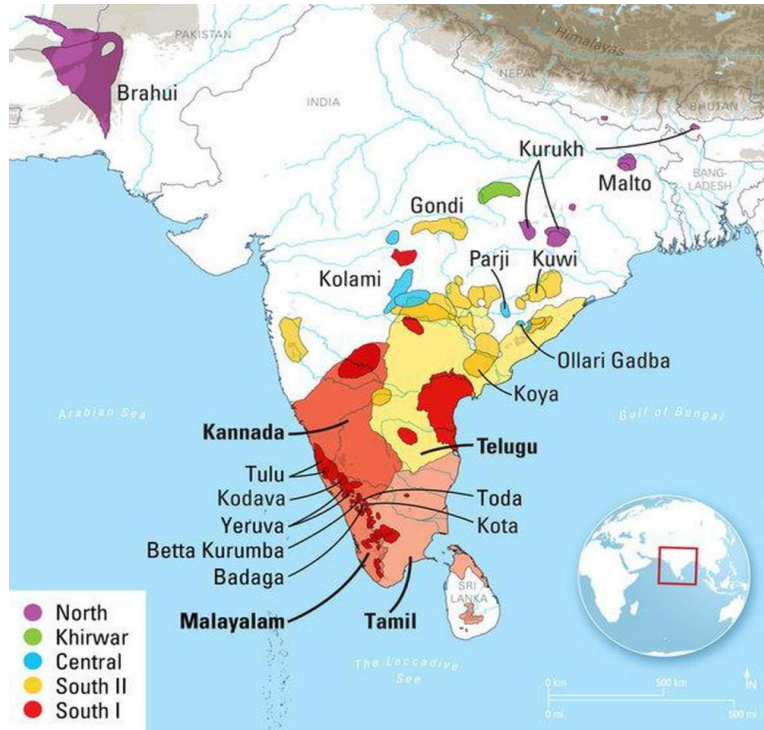


- ❖ The Tamil Nadu State Council for Science and Technology has announced the awardees of the Tamil Nadu Scientist Award for 2022 and 2023.
- ❖ The award is given to scientists from various disciplines including agriculture, biology, chemical sciences; environmental sciences; engineering and technology; mathematics; medicine; physics; social sciences and veterinary sciences.
- ❖ The advisory committee has selected 12 scientists, one from each discipline.

Revitalization of the Toda language

- ❖ More than 20 members of the indigenous Toda community took part in a project aimed at the “Revitalisation of the Toda language in prose, song and the cultural ecology.”

- ❖ This event was held with the involvement of the Adi Dravidar and Tribal Welfare Department of Tamil Nadu's Tholkudi scheme.
- ❖ Their embroidery techniques used in traditional garments such as embroidered cloaks, known as poothkull(zh)y and kefehnaarr in the Toda tongue.
- ❖ Even their second names comprise a mountain, peak, temple, stream or other facet that comprises Toda life.



NATIONAL NEWS


Supreme Court on Contempt of court 2025

- ❖ The Supreme Court in the Nandini Sundar & Ors. Vs. State of Chhattisgarh, held that enacting a law by the legislature contradictory to previous Court orders cannot be viewed as Contempt of Court.
- ❖ The Supreme Court has said any law made by Parliament or a State legislature cannot be held to contempt of court.
- ❖ Every State Legislature has plenary powers to pass an enactment and so long as the said enactment has not been declared to be ultra vires the Constitution or, in any way, null and void by a constitutional court.
- ❖ Judiciary is vested under the Constitution with the power to resolve interpretive doubts and disputes about the validity or otherwise of an enacted law.

- ❖ However, the interpretative power of a court does not contemplate a situation of declaring exercise of legislative functions and passing of an enactment as an instance of a contempt of a court.

**Passing Of Any
Law By Parliament
Or State Legislature
Can't Be Held To Be
Contempt Of Court :
Supreme Court**

JAK Experiential Learning Program 2025



The advertisement features a yellow banner with the text "JAN AUSHADHI KENDRA EXPERIENTIAL LEARNING PROGRAM". Below the banner, it says "Step into the world of **affordable healthcare** in Association with MY Bharat". A red box at the bottom states "LAST DATE OF SHOWING INTEREST: 28TH MAY". The background shows a man and a woman smiling, and a photo of a Jan Aushadhi Kendra storefront with contact information: "Regional Medical Plant Office, Tagore Gardens New Delhi-27 M.: 7291090786, 011- 40191786".

- ❖ The Government of India has launched an initiative named Jan Aushadhi Kendra (JAK) Experiential Learning Program 2025.
- ❖ It is part of the broader campaign 'Seva Se Seekhen Learn by Doing'.
- ❖ It aims to enhance community engagement and youth skill development.
- ❖ It places five youth volunteers in each district's Jan Aushadhi Kendras.

- ❖ These Kendras provide affordable and quality generic medicines to citizens.

DHRUVA policy

- ❖ The Department of Posts, Ministry of Communications has recently released a comprehensive policy document titled DHRUVA.
- ❖ DHRUVA stands for Digital Hub for Reference and Unique Virtual Address.
- ❖ It lays out the important framework for a national Digital Address Digital Public Infrastructure (DPI).

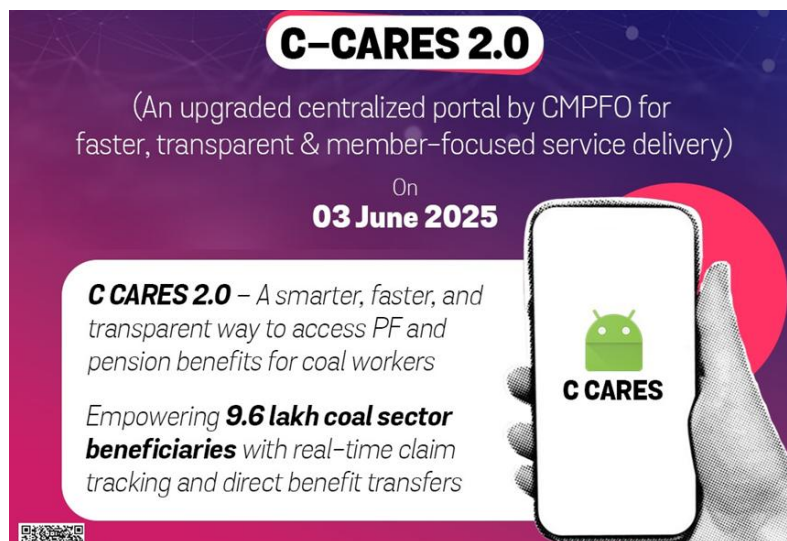


The infographic is a dark blue/black rectangle with yellow and white text. It lists the following points:

- **DHRUVA is a national policy framework for creating a standardized, geo-coded, and digital address infrastructure, serving as Address-as-a-Service (AaaS) for secure, efficient data sharing.**
- **DHRUVA provides a framework for creating a Digital Address Digital Public Infrastructure (DPI) that enables:**
 - **Precise location identification using geospatial data.**
 - **Secure and consent-based sharing of address information.**
 - **Integration across public and private sectors for efficient service delivery.**

Vertical text on the left side: HAMNEWSANALYSIS. Vertical text on the right side: PARHAMNEWSANALYSIS.

C CARES 2.0



The infographic has a purple and pink background. It features the following text:

C-CARES 2.0

(An upgraded centralized portal by CMPFO for faster, transparent & member-focused service delivery)

On
03 June 2025

C CARES 2.0 – A smarter, faster, and transparent way to access PF and pension benefits for coal workers

Empowering **9.6 lakh coal sector beneficiaries** with real-time claim tracking and direct benefit transfers

On the right, there is an illustration of a hand holding a smartphone displaying the Android robot icon and the text "C CARES". A QR code is visible in the bottom left corner.

- ❖ The Union Ministry of Coal and Mines launched C CARES Version 2.0.

- ❖ It is a revamped web portal of the Coal Mines Provident Fund Organization (CMPFO).
- ❖ This platform aims to simplify Provident Fund and pension services for coal workers by introducing real-time tracking, direct benefit transfer, and mobile-based access.
- ❖ CMPFO was established in 1948 under the Ministry of Coal.

INTERNATIONAL NEWS

51st G7 summit 2025



THE 51ST G7 SUMMIT WILL BE HELD FROM JUNE 15 TO 17, 2025, IN KANAN-ASKIS, ALBERTA, CANADA, MARKING THE SUMMIT'S 50TH ANNIVERSARY. AS THE HOST NATION, CANADA AIMS TO FOSTER COLLABORATIVE DIALOGUE ON KEY GLOBAL CONCERNS LIKE CLIMATE CHANGE, ECONOMIC STABILITY, DIGITAL TRANSFORMATION, AND GEOPOLITICAL PEACE.

- ❖ The 2025 G7 Summit will be hosted by Canada in Alberta from June 15-17.
- ❖ This is the Second time Kananaskis city is hosting after 2002.
- ❖ The summit celebrates the 50th anniversary of the first G7 meeting.
- ❖ India will not participate due to ongoing diplomatic tensions with Canada.
- ❖ India had attended every summit since 2019.
- ❖ The previous summits are held in Germany in 2022, Japan in 2023 and Italy in 2024.
- ❖ The G7 member States are Canada, France, Germany, Italy, Japan, the UK, and the US.

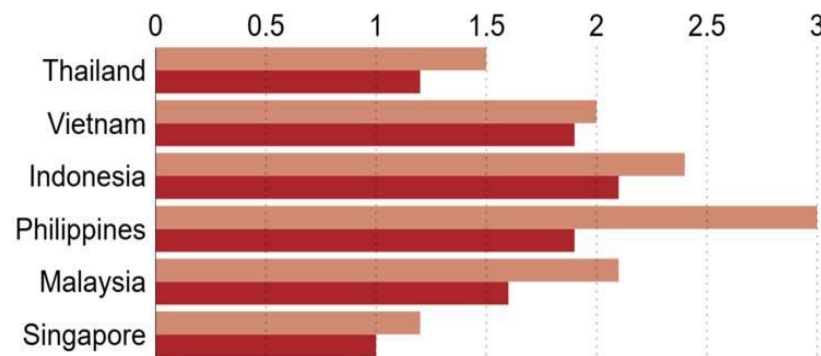
Vietnam on Two-Child policy

- ❖ Vietnam has scrapped its longstanding two-child policy.

- ❖ This move aims to reverse its declining birthrate and ease the pressure from an ageing society.
- ❖ Between 1999 and 2022, Vietnam's birthrate was about 2.1 children per woman.
- ❖ In 2024, the country's birthrate reached a record low of 1.91 children per woman.
- ❖ Regional neighbours like Japan, South Korea, Taiwan, Singapore and Hong Kong also have declining birthrates.
- ❖ The country's communist government introduced the two-child policy in 1988.

Total fertility rates in Southeast Asian nations

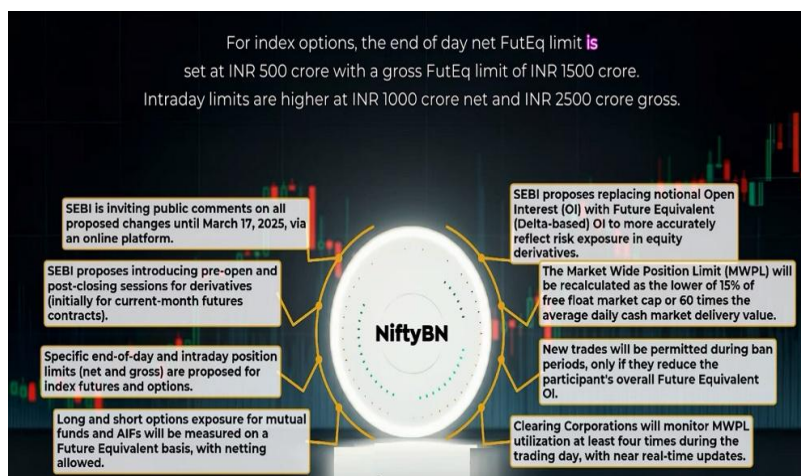
■ 2023 ■ 2013



Source: World Bank

ECONOMY NEWS

New Future Equivalent (FutEq) method

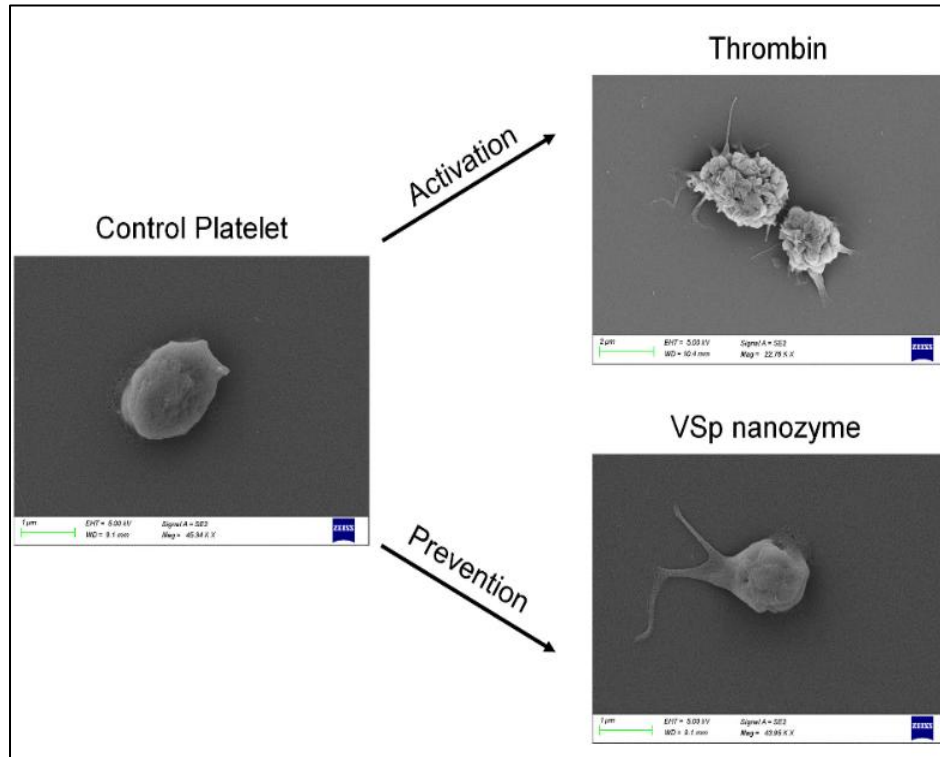


- ❖ SEBI has announced a comprehensive overhaul of its framework governing the equity Futures and Options (F&O) segment.

- ❖ SEBI is now employing a Future Equivalent (FutEq) method to measure the open interest.
- ❖ It was replacing the traditional notional open interest method.

SCIENCE AND TECHNOLOGY NEWS

Artificial metal-based nanozyme



- ❖ Researchers at the Indian Institute of Science (IISc) have developed an artificial metal-based nanozyme.
- ❖ It can be used to clamp down on abnormal blood clotting caused by conditions like pulmonary thromboembolism (PTE).
- ❖ Under the normal circumstances, when blood vessel is injured, specialised blood cells called platelets get activated, and cluster together around the vessel to form protective blood clots.
- ❖ This process is known as the blood clotting cascade (haemostasis).
- ❖ But, conditions like PTE or diseases like COVID-19, are leading to over-activation of platelets.
- ❖ This triggers the formation of the excess clots in the blood vessel, contributing to thrombosis, a major cause of morbidity and mortality.

- ❖ The spherical-shaped vanadium pentoxide (V₂O₅) nanozymes mimic a natural antioxidant enzyme called glutathione peroxidase to reduce oxidative stress.

STATES' NEWS

Assam - Meghalaya joint hydel project

- ❖ The Assam and Meghalaya governments have decided to set up a hydropower and irrigation project jointly.
- ❖ The two governments will take up the 55 MW Kulsi hydropower-cum-irrigation project after consultations with the local people.
- ❖ The Kulsi river, a tributary of the Brahmaputra to the west of Guwahati, flows down from the West Khasi Hills district of Meghalaya.
- ❖ The river is a major nesting site for the Gangetic River dolphin.

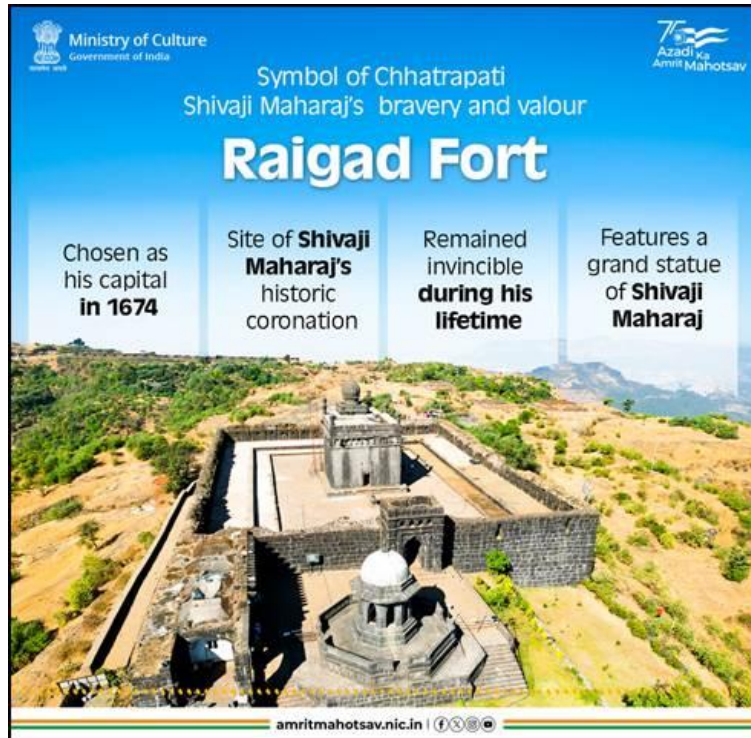


MISCELLANEOUS NEWS

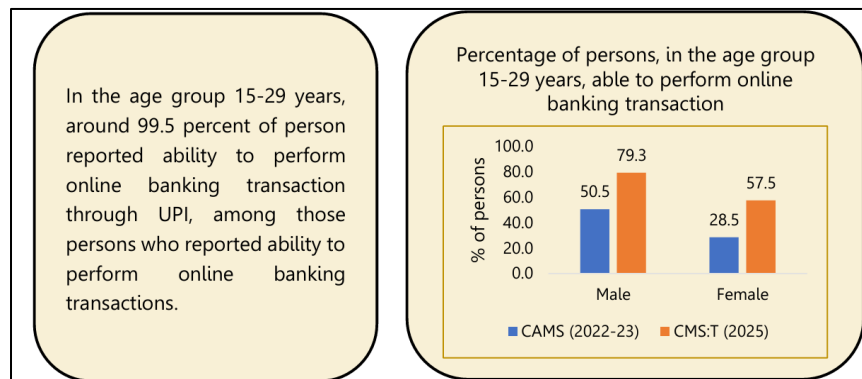
Discovery of Ancient Astrolabe

- ❖ The Archaeologists have unearthed 'yantrraj' (astrolabe) at Raigad, Chhatrapati Shivaji Maharaj's capital fort.
- ❖ The upper surface of the astrolabe features inscriptions including two animal engravings in the centre resembling a tortoise or snake.

- ❖ The inscribed words "mukh" and "poonchh" indicate the head and tail positions, presumably used for determining north-south orientations.
- ❖ The rectangle-shaped instrument has inscriptions in the Sanskrit language and in Devanagari script - Shaka 1519 — meaning it was made in 1597.
- ❖ It was used at the time Raigad was renovated in 1656 and where Chhatrapati Shivaji Maharaj was coronated in 1674.



Online Banking user Status in India



- ❖ The proportion of females that could perform them surged to 30.0 per cent in the first quarter of 2025.
- ❖ It is higher than 17.1 per cent in 2022-23.



- ❖ 51.4 per cent of the females in rural areas in the 15-24 years age gap reported the ability to perform online banking transactions.
- ❖ The Rural men who can do online banking, in the 15-24 years age bracket rising to 73.3 per cent from 40.2 per cent in 2022-23.

