



**December - 05**

## **TNPSC BITS**

- ❖ The Tamil Nadu Chief Minister presented the Kalaignar Ezhuthukol Award 2024 to T.E.R. Sukumar, the Managing Editor of Daily Thanthi.
- ❖ The 26th Hornbill Festival started on 1 December 2025 at the Naga Heritage Village, Kisama, in Kohima, Nagaland.
- ❖ The Christian Medical College (CMC) held the Hospital Day 2025 celebration in Vellore to mark 125 years of service.
- ❖ India and Maldives have started the 14th edition of Exercise Ekuverin in Thiruvananthapuram.
- ❖ The Golden Rock Railway Workshop in Trichy is overhauling Vande Bharat train coaches for the first time, beginning with a 16-coach rake planned to be completed in 45 days.
- ❖ The Darjeeling Mandarin Orange (West Bengal) received the Geographical Indication (GI) tag, which protects its heritage, quality, and regional identity.
- ❖ The Indian Navy received Taragiri, the fourth Nilgiri-class frigate under Project 17A and the third built by Mazagon Dock Shipbuilders Ltd (MDL).
- ❖ Visakhapatnam launched India's longest cantilever glass skywalk at Kailasagiri hilltop park, standing about 862 feet (262 metres) above ground.
- ❖ World Computer Literacy Day is observed every year on 2 December to promote digital education and computer awareness.
- ❖ The United Nations Population Fund (UNFPA) India awarded the International Union for the Scientific Study of Population (IUSSP) the 2025 UN Population Award in the Institutional Category.
  - The award recognizes IUSSP's contributions to population research, evidence-based policymaking, and global collaboration.

## **TAMIL NADU NEWS**

### **AI Crowd Management Framework**

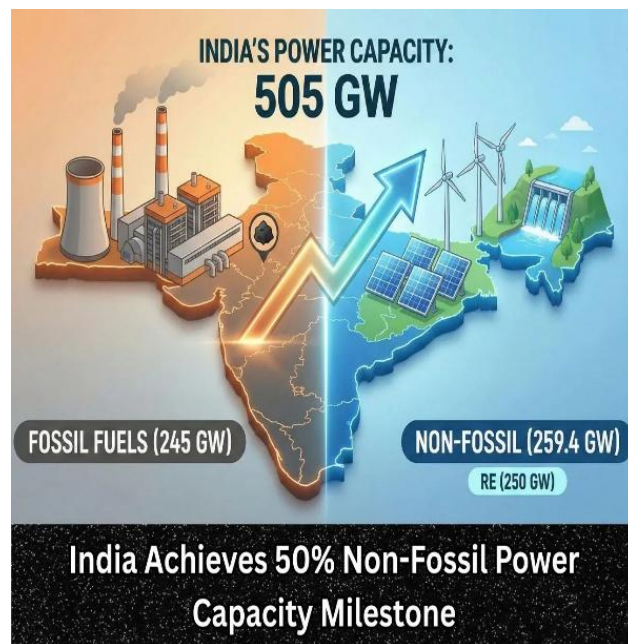
- ❖ Tamil Nadu Police used Artificial Intelligence (AI) for the first time to manage the crowd and vehicles at the Karthigai Deepam festival in Tiruvannamalai.
- ❖ The AI system was connected to hundreds of CCTV (Closed-Circuit Television) cameras around the temple, streets, and girivalam routes.

- ❖ The system gave crowd density alerts when 4–5 people gathered in one square metre, helping police prevent overcrowding.
- ❖ The technology showed 95% accurate data on the number of people and vehicles at each location.
- ❖ The 'Deepam 2025' app shared real-time information on medical camps, ambulances, food distribution spots, and emergency contacts.



## NATIONAL NEWS

### India's Power Capacity Milestone



- ❖ India's total installed power capacity reached 5.05 lakh megawatt as of 31 October 2025.



- ❖ Non-fossil fuel capacity (2,59,423 MW) is now higher than fossil-fuel capacity (2,45,600 MW).
- ❖ India has achieved 2,50,643 MW from renewable energy, supporting the target of 500 gigawatt (GW) non-fossil capacity by 2030.
- ❖ The aim is to expand nuclear capacity to 100 GW by 2047, supported by missions for small modular reactors and new fuel development.

### **GIRG Framework**

- ❖ The Indian government monitors 26 global indices under the Global Indices for Reforms and Growth (GIRG) initiative.
- ❖ The initiative aims to identify gaps and improve India's rankings to support national growth.
- ❖ Seventeen nodal ministries review index methodologies and engage with the international bodies for accurate data.
- ❖ The indices cover four main themes: Economy, Development, Governance, and Industry.

#### **Global Indices for Reforms and Growth (GIRG)**

- GoI has decided to leverage select Global Indices to drive reforms and growth across the country
- These Indices are divided across four categories – Industry, Development, Economy and Governance
- Under the GIRG mandate, NITI Aayog has been identified as the nodal agency for the Multidimensional Poverty Index

### **Sanchar Saathi App**

- ❖ The Department of Telecommunications has mandated the pre-installation of the Sanchar Saathi app on all new smartphones in India.
- ❖ This app allows users to block lost or stolen phones across all telecom networks.
- ❖ It also lets users view all mobile connections registered under their name.

- ❖ Additionally, the app features a Chakshu option to report fraudulent calls, SMS, or WhatsApp messages.
- ❖ The government aims to prevent misuse of telecom resources and enhance cybersecurity through this initiative.



### **New PMO Complex - Seva Teerth**



- ❖ The new complex housing the Prime Minister's Office (PMO) will be called Seva Teerth.
- ❖ It was earlier known as the Executive Enclave under the Central Vista Redevelopment Project.



- ❖ The complex also includes offices of the Cabinet Secretariat, National Security Council Secretariat, and India House for high-level talks.
- ❖ The naming reflects a shift from power to service, emphasizing governance as seva (service) rather than satta (power).
- ❖ Other recent renaming includes Raj Bhavans to Lok Bhavans, Rajpath to Kartavya Path, and the PM's residence road to Lok Kalyan Marg.

### **India's First Water-Positive Airport**

- ❖ Indira Gandhi International (IGI) Airport in Delhi is India's first water-positive airport, handling over 40 million passengers.
- ❖ A water-positive place recharges more freshwater than it uses.
- ❖ The airport has 625 rainwater harvesting structures and two reservoirs storing 9 million litres of water.
- ❖ A 16.6 million-litres-per-day (MLD) zero-liquid-discharge sewage plant recycles all wastewater.
- ❖ Recycled water is used for air-conditioning, gardening and toilets through automated systems.
- ❖ The certification was given under the NITI Aayog – Confederation of Indian Industry (CII) water neutrality framework.



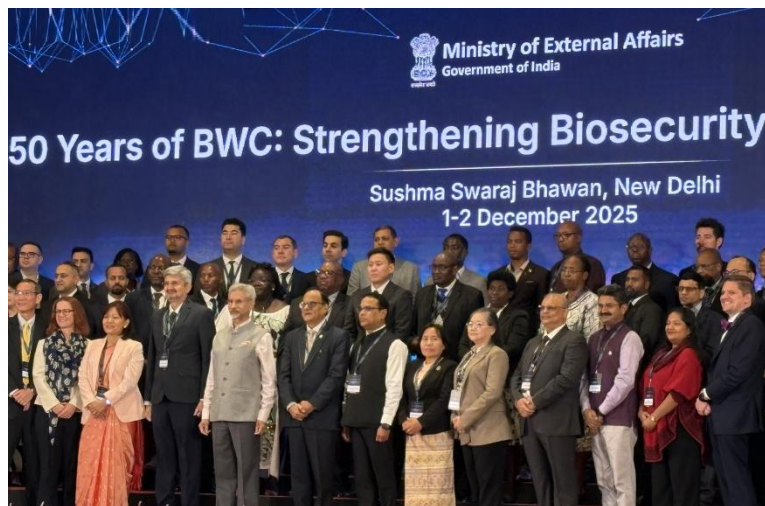
### **SIM Verification for Apps**

- ❖ The Department of Telecommunications (DoT) has directed messaging apps, including WhatsApp, Telegram, Signal, and Snapchat, to implement mandatory SIM binding within 90 days.
- ❖ Effective February 2026, apps must deactivate if the registered SIM is removed, replaced, or deactivated.

- ❖ Web versions of these apps must automatically log out users every six hours, requiring fresh QR-based authentication.
- ❖ SIM binding continuously verifies that the original registered SIM is active, unlike the current one-time verification system.
- ❖ Messaging platforms are now classified as Telecommunication Identifier User Entities under the Telecommunication Cybersecurity Amendment Rules 2025.
- ❖ The move aims to curb cyber fraud, impersonation scams, and cross-border offences by linking app activity to verified mobile identities.



## 50 Years of BWC



- ❖ India hosted the international conference “50 Years of BWC: Strengthening Biosecurity for the Global South” in New Delhi.
- ❖ The Biological Weapons Convention (BWC) is the first multilateral treaty banning biological and toxin weapons.

- ❖ The treaty prohibits the development, production, stockpiling, transfer, and use of biological weapons.
- ❖ It was opened for signature on 10 April 1972 and entered into force on 26 March 1975; India is a founding State Party.
- ❖ The BWC holds review conferences every five years and promotes the peaceful use of biological science, especially for developing countries.

## INTERNATIONAL NEWS

### First Naval Base in Sudan

- ❖ Sudan approved an agreement allowing Russia to build its first naval base in Africa.
- ❖ The base will be near Port Sudan on the Red Sea.
- ❖ Russia can deploy up to 300 personnel and four naval vessels.
- ❖ The agreement duration is 25 years with automatic 10-year extensions.
- ❖ About 12% of global maritime trade passes through the Red Sea and Suez Canal.



## SCIENCE AND TECHNOLOGY NEWS

### India's First Private Navigation Centre - ACEN

- ❖ The ISRO Chairman inaugurated the Ananth Centre of Excellence for Navigation (ACEN) in Thiruvananthapuram.
- ❖ ACEN is India's first private-sector navigation centre, established by Ananth Technologies.

- ❖ The centre focuses on indigenous navigation sensors, AI-based navigation fusion, and better use of NavIC (Navigation with Indian Constellation).
- ❖ ACEN will carry out MRO (Maintenance, Repair and Overhaul) of navigation units within India to reduce foreign dependence.



### **BrahMos Missile Test**



- ❖ The Indian Army has successfully conducted a combat launch of the BrahMos Supersonic Cruise Missile.
- ❖ The missile demonstrated high-speed flight stability and terminal precision, hitting its target accurately.
- ❖ The mission involved coordination between the BrahMos unit of the Southern Command and the Tri-Services Andaman and Nicobar Command.



## STATES' NEWS

### Konark and International Sand Art Festivals 2025

- ❖ Odisha Chief Minister has inaugurated the 36th Konark Festival and 15th International Sand Art Festival.
- ❖ The festivals run for five days to celebrate Odisha's culture.
- ❖ The Konark Festival is held at the Sun Temple and showcases India's classical dance forms and music.
- ❖ The International Sand Art Festival is held at Chandrabhaga Beach and features sand sculptures by national and international artists.



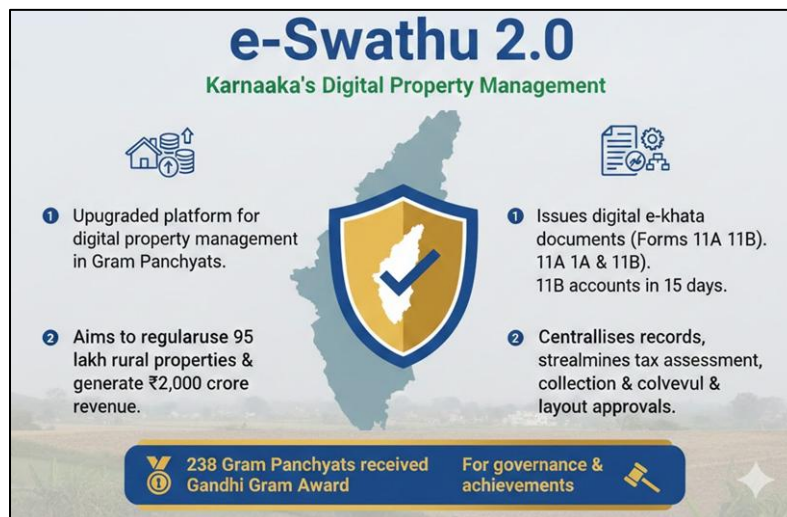
### Scheduled Tribe Status in Assam

- ❖ Assam Cabinet approved a report recommending Scheduled Tribe (ST) status for six communities.
- ❖ The communities are Tai Ahoms, Tea Tribes (Adivasis), Moran, Matak (Motok), Chutia, and Koch-Rajbongshi.
- ❖ These communities are currently listed under Assam's Other Backwards Classes (OBC) category.
- ❖ The report will be sent to the Ministry of Home Affairs for further action.
- ❖ Granting ST status aims to address long-standing demands and provide social and economic benefits to these groups.
- ❖ Article 366 (25) defines STs as communities deemed under Article 342 to be Scheduled Tribes for the purposes of the Constitution.
- ❖ Article 342 Clause (1) - The President of India is empowered to specify the communities to be deemed as STs in a particular State or Union Territory.

- ❖ Article 342 Clause (2) - It grants the Parliament the exclusive power to include or exclude any community from the ST list through a legislative Act and once Parliament enacts a law, the Presidential order cannot be modified by a subsequent notification.



### e-Swathu 2.0

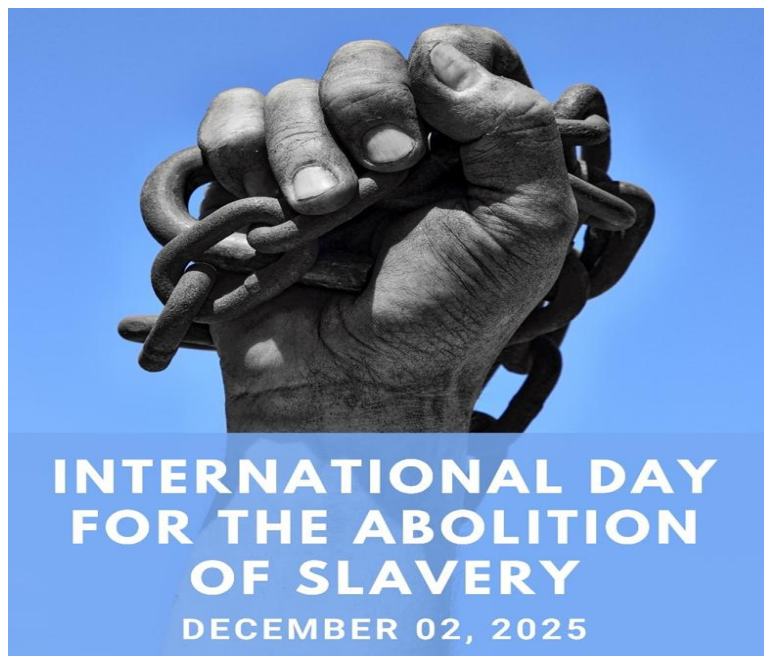


- ❖ Karnataka launched the upgraded e-Swathu 2.0 platform to digitalise property management in gram panchayats.
- ❖ The initiative aims to regularise 95 lakh rural properties and generate up to ₹2,000 crore in revenue.
- ❖ Digital e-khata documents (Forms 11A and 11B) will be issued, with 11B accounts provided within 15 days.

- ❖ The platform centralises property records and streamlines tax assessment, collection, and layout approvals.
- ❖ 238 Gram panchayats received the Gandhi Gram Award for governance and development achievements during the launch.

## **IMPORTANT DAYS**

### **International Day for the Abolition of Slavery 2025 - December 02**

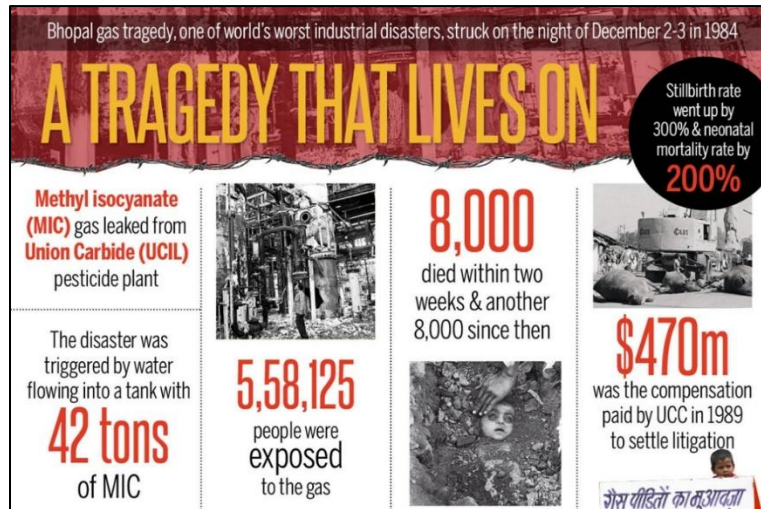


- ❖ The main aim of the day is to eliminate all forms of modern slavery and protect the rights of victims worldwide.
- ❖ The United Nations began this observance based on the 1949 UN Convention against human trafficking and exploitation.
- ❖ The theme for 2025 is “Acknowledge the past. Repair the present. Build a future of dignity and justice.”
- ❖ Global reports estimate that around 50 million people are affected by modern slavery.
- ❖ Modern slavery includes forced labour, forced marriage, human trafficking, and the worst forms of child labour.

### **National Pollution Control Day 2025 - December 02**

- ❖ The day aims to raise awareness on pollution and promote measures to prevent industrial accidents.

- ❖ The day commemorates victims of the 1984 Bhopal Gas Tragedy, caused by a leak of MIC (Methyl Isocyanate) gas.
- ❖ Key pollution laws in India include the Environment Protection Act 1986, Air Act 1981, and Water Act 1974.
- ❖ The CPCB (Central Pollution Control Board), set up in 1974, is India's main pollution monitoring agency.
- ❖ The theme for 2025 is "Sustainable Living for a Greener Future."



## MISCELLANEOUS NEWS

### Oxford - Word of the Year 2025



- ❖ Oxford University Press named "rage bait" as its Word of the Year 2025.



- ❖ It means online content deliberately designed to make people angry or outraged to boost engagement.
- ❖ The term existed online since 2002, first on Usenet, originally describing deliberate agitation while driving.
- ❖ “Rage bait” emphasizes how online content and algorithms influence emotions and behaviour.

### **Prehistoric 'Burtele Foot'**



- ❖ Scientists have solved the mystery of 3.4-million-year-old fossils called the “Burtele Foot” discovered in Ethiopia in 2009.
- ❖ The eight-foot bones represent the species *Australopithecus deyiremeda*, which combined ape-like and human-like traits.
- ❖ The fossils show that two closely related hominins lived at the same time and place, with *Australopithecus afarensis* as the other species.
- ❖ *A. afarensis* is the species that includes the famous fossil Lucy, discovered in 1974 in the Afar region.

### **Ancient Jomon Pottery**

- ❖ The pottery vessel over 10,000 years old was discovered in Lake Biwa, Japan.
- ❖ The artefact was found 64 metres underwater at the Tsuzuraozaki ruins.
- ❖ The vessel belongs to the early Jomon period and is 25 centimetres tall.
- ❖ It shows delicate engravings, reflecting early ceramic craftsmanship.
- ❖ Lake Biwa is Japan’s largest freshwater lake and a key site for prehistoric research.



A 10,000-year-old Jomon pottery vessel has been discovered beneath Japan's Lake Biwa using advanced underwater technology, offering new insight into prehistoric craftsmanship and early settled societies.

