

January - 16

TNPSC BITS

- ❖ Tamil Nadu government's fresh guidelines have asked to monitor all the visitors to the educational institution campuses and further seek to employ real-time tracking and management of visitors.
- ❖ TN Chief Minister inaugurated the Advanced Institute for Integrated Research on Livestock and Animal Sciences at Thalaivasal in Salem district.
- ❖ A total of 3,000 police personnel, in the rank of the grade-II constables, grade-I constables, head constables, and the special sub-inspectors of police are set to receive the Tamil Nadu Chief Minister Constabulary Medals this year.
- ❖ Devajit Saikia and Prabhtej Singh Bhatia have been elected as the Secretary and Treasurer of BCCI respectively.

TAMIL NADU

Governor's Awards 2024

Categories	Institution	Individual
Social Service	Idhayangal (Coimbatore District)	Thiru. S.Ramalingam (Chennai District)
	Hope Public Charitable Trust (Chennai District)	Tmt. Swarnalatha J (Coimbatore District)
		Thiru. A.Rajkumar (Madurai District)
Environmental Protection	Chitlapakkam Rising Charitable Trust (Chennai District)	---

- ❖ The Raj Bhavan announced the winners of the Tamilnadu Governor's Awards 2024 under the 'Social Service' and 'Environmental Protection' categories.
- ❖ Idhayangal (Coimbatore district) and the Hope Public Charitable Trust (Chennai district) were named for the award in the 'Social Service' category for institutions.

- ❖ S. Ramalingam (Chennai district), Swarnalatha J. (Coimbatore district), and A. Rajkumar (Madurai district) would receive the award in the same category for the individuals.
- ❖ Chitlapakkam Rising Charitable Trust (Chennai district) would receive the award under the 'Environmental Protection' category for institutions.

Cyber fraud in 2024

127,065 தேசிய சைபர்கிரைம் அறிக்கையிடல் போர்டல் புகார்கள்ளில், 4,326 வழக்குகள் பதிவு	இழந்த தொகை ரூ. 1,673.85 கோடி முடக்கப்பட்ட தொகை - ரூ.771.98 கோடி திருப்பி அனுப்பப்பட்ட தொகை ரூ.83.34 கோடி	மொத்தம் 838 சைபர் குற்றவாளிகள் கைது 34 பேர் மீது குண்டர் சட்டத்தின் கீழ் நடவடிக்கை
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- ❖ The Cyber Crime Wing of the Tamil Nadu police has frozen a total amount of ₹771.98 crore lost to cyber fraud.
- ❖ They also returned ₹83.34 crore to cybercrime victims in 2024.
- ❖ They have also filed 4,326 First Information Reports (FIRS) by generating 79,449 Community Service Registers (CSRs) amounting to a total of ₹1,673.85 crore that was reported lost.

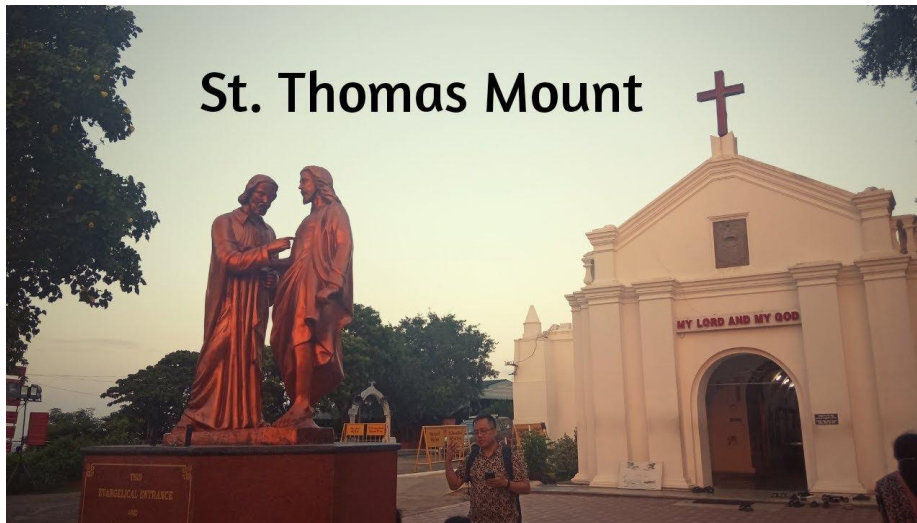
Made in India laptops



- ❖ Syrma SGS Technology's state-of-the-art laptop assembly line was inaugurated in Chennai.

- ❖ The initiative is the part of PLI 2.0 scheme for IT Hardware.
- ❖ Tamil Nadu has over 47 manufacturing units supported under various schemes of the MeitY.
- ❖ Seven out of the 27 approved units under PLI 2.0 located in the state.
- ❖ Tamil Nadu has achieved a total production exceeding ₹1.3 lakh crore to date and 30% of India's exports.

Madras HC on St. Thomas Mount



- ❖ The Madras High Court has directed the Tamil Nadu government to take the possession of 25.6 grounds of prime land at St. Thomas Mount in Chennai.
- ❖ It also imposed a penalty on three individuals who attempted to claim ownership over the public property that had been in private occupation since 1902.
- ❖ The court has ordered to invoke even the Tamil Nadu Land Encroachment Act of 1905, if necessary.

NATIONAL

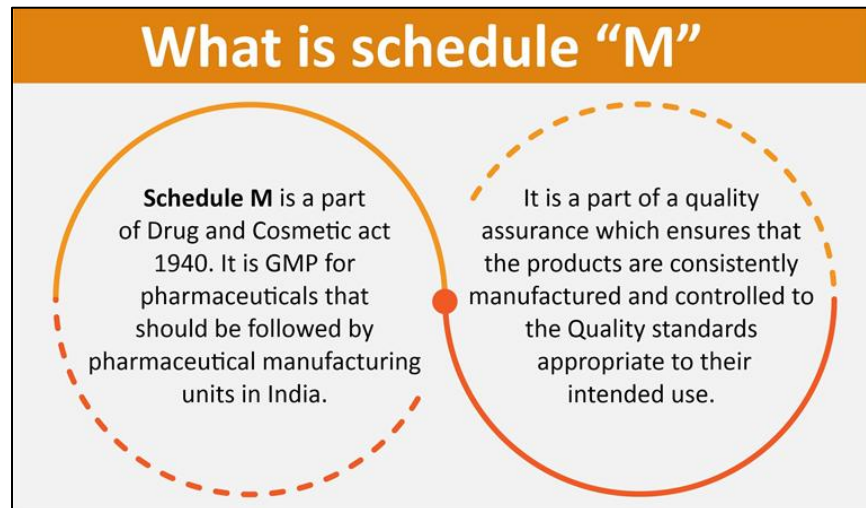
Sc on Right to Access to Justice

- ❖ The Supreme Court held that the right to access courts is not absolute and must be exercised responsibly.
- ❖ The Court observed that the Petitioner had repeatedly misused judicial remedies to challenge his dismissal from service over 11 years.

- ❖ In 2016, the Constitution Bench of the SC held that the access to Justice is a Fundamental Right guaranteed to citizens by Article 14 and Article 21 of the Constitution of India.



Drugs and Cosmetics Rules revision – 2025



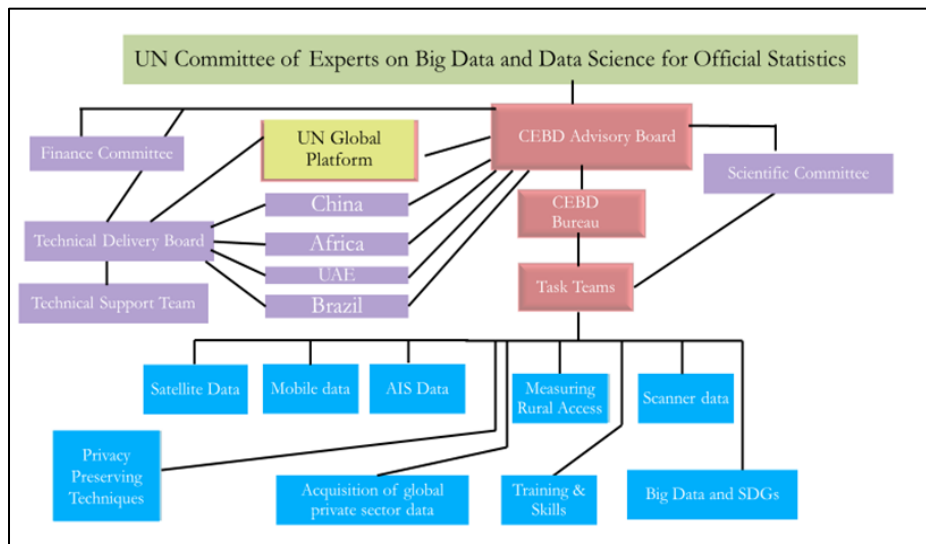
- ❖ The Union Health Ministry revised the date of implementation of the revised standards of Schedule M of the Drugs and Cosmetics Act-1945.
- ❖ It aims to give the pharmaceutical manufacturing industry 12 more months to comply.
- ❖ Schedule M is a part of the Drugs and Cosmetics Act of 1945 that outlines Good Manufacturing Practices (GMP) for pharmaceutical products in India.
- ❖ It also covers the requirements for premises, plants, and equipment used in the manufacturing process.

- ❖ There are around 10,500 manufacturing units in the country, of which around 8,500 falls under the MSME category.

INTERNATIONAL

UN-CEBD member

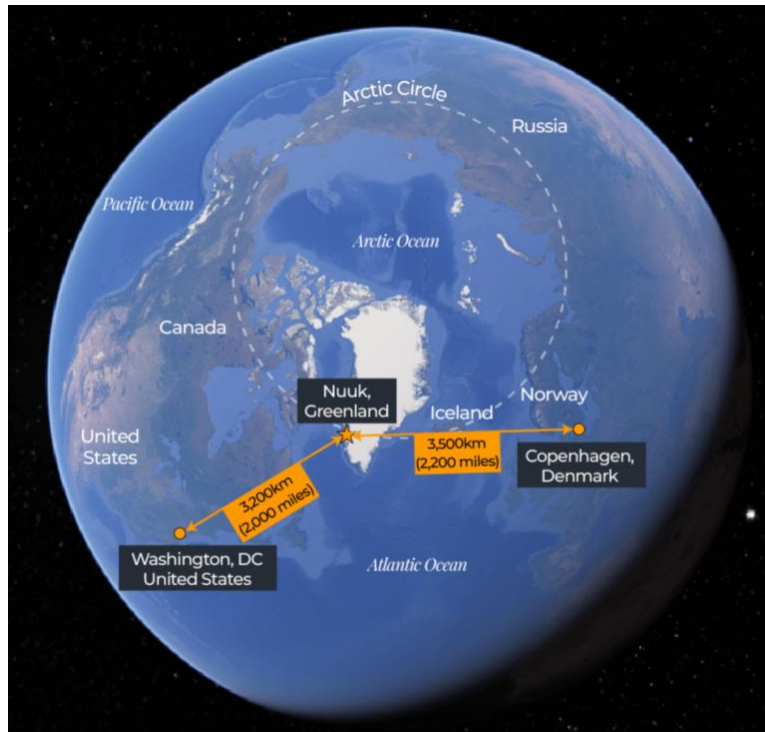
- ❖ India has joined the UN Committee of Experts on Big Data and Data Science for Official Statistics (UN-CEBD).
- ❖ The UN-CEBD was created in 2014 to further investigate the benefits and the challenges of Big Data.
- ❖ India will contribute to shaping global standards and practices in harnessing Big Data and data science for official statistical purposes.
- ❖ UN-CEBD consists of 31 member states and 16 international organizations (Including India).



Global Importance of Greenland

- ❖ Greenland is the world's largest island and geographically part of North America.
- ❖ This Arctic Island is one of Denmark's two autonomous territories, the other one being the Faroe Islands.
- ❖ Since 2009, Greenland has the right to declare independence through a referendum.
- ❖ It is 80 percent covered in snow and is around 3,000km (1,864 miles) from the US capital.
- ❖ Greenland is home to some 56,000 residents, mostly Indigenous Inuit people.

- ❖ 25 of 34 minerals deemed “critical raw materials” by the European Commission were found in Greenland.
- ❖ Greenland is not a member state of the European Union but part of NATO.
- ❖ US has expressed the interest in expanding its military presence in Greenland by placing radars in the waters connecting Greenland, Iceland and the United Kingdom.
- ❖ Greenland offers the shortest route from North America to Europe.
- ❖ This may give the US a strategic upper hand for its military and its ballistic missile early-warning system.

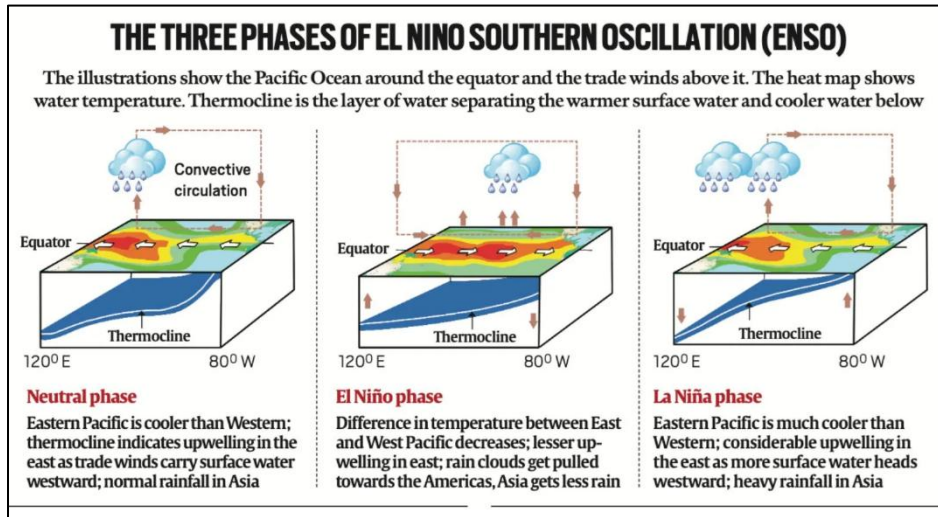


ENVIRONMENT

La Niña Conditions in 2025

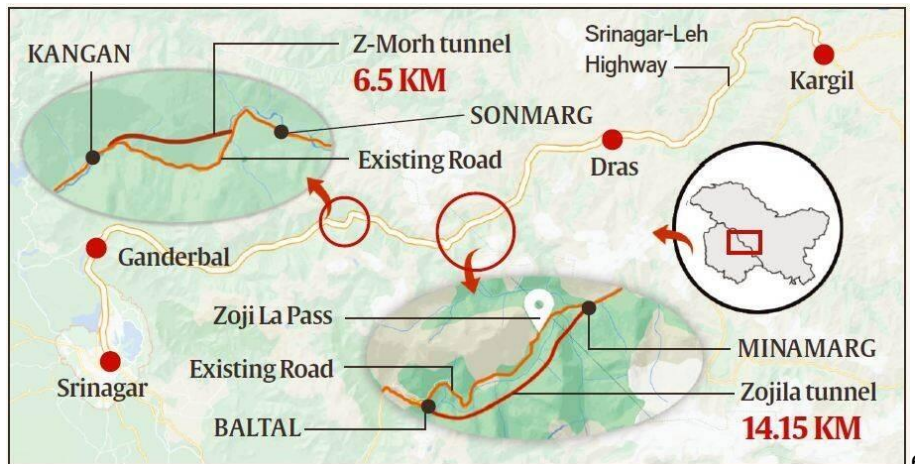
- ❖ La Niña conditions have finally surfaced in the Pacific Ocean.
- ❖ Below average sea surface temperatures reflected along the central and eastern Pacific Ocean.
- ❖ La Niña is a phase and known as the El Niño Southern Oscillation (ENSO).
- ❖ This climate phenomenon is characterised by changes in sea temperatures along the central and eastern tropical Pacific Ocean, accompanied with fluctuations in the atmosphere overhead.

- ❖ ENSO influences, alters, and interferes with the global atmospheric circulation, which, in turn, influences the weather worldwide.
- ❖ ENSO has three phases – warm (El Niño), cool (La Niña), and neutral — which occur in irregular cycles of two to seven years.
- ❖ La Niña last occurred in 2020-2023, and El Niño in 2023-24.



STATES

Z-Morh Tunnel



- ❖ The Prime Minister inaugurated the 6.5 km long Z-Morh tunnel, also known as the Sonamarg tunnel, in Jammu and Kashmir.
- ❖ This tunnel will enhance connectivity between Srinagar and Sonamarg, providing an all-weather route.

- ❖ It eliminates the avalanche-prone, section of the route that was often blocked for months due to heavy rainfall.
- ❖ The tunnel is constructed at an altitude of over 8,500 ft.

Utricularia - Rajasthan

- ❖ A rare and unique carnivorous plant 'Utricularia' has been found in Rajasthan's Keoladeo National Park.
- ❖ It was last discovered in India in 2021 in the Mandal Valley of Chamoli district of Uttarakhand, after a 36-year gap.
- ❖ This plant is typically found in regions like Meghalaya and Darjeeling.
- ❖ These plants entrap creatures such as protozoa, insects, larvae, mosquitoes, and even tadpoles.



Boda Tyohar Festival



- ❖ The Boda Tyohar festival celebration of the Hatti tribes of the Trans-Giri region is being held in Himachal Pradesh.

- ❖ The month-long festival is known locally as Magho ko Tyohar.
- ❖ It is distinguished by its division into three distinct mini-festivals, each marked by its unique customs and rituals.

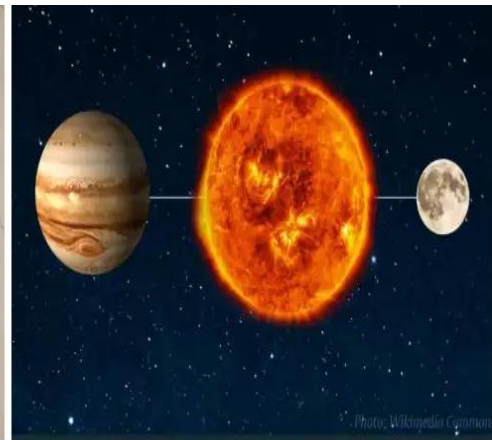
Maha Kumbha mela 2025

- ❖ One of the world's largest spiritual events began in Prayagraj, Uttar Pradesh.
- ❖ Kumbh Mela occurs every three years in four different locations.
- ❖ However, Mahakumbh is organised only in Prayagraj after every twelve years.
- ❖ Additionally, Mahakumbh 2025 is also because of the rare celestial alignment that occurs only once every 144 years.
- ❖ In 2017, the Kumbh Mela was declared India's 'Intangible Cultural Heritage' by UNESCO.



Did you know the Kumbh Mela is linked to a divine tug-of-war?

Legends say gods and demons churned the ocean for *amrita* (elixir of immortality).
Drops of this elixir fell at 4 spots — Haridwar, Prayagraj, Ujjain and Nashik — giving these cities their spiritual significance.



Why Kumbh happens every 12 years?

It's all about celestial alignments. When **Jupiter, Sun and Moon** align in specific zodiac signs, the Mela begins.
Each city's turn is decided by unique planetary positions.

Terrace Tourism

- ❖ The concept of terrace rentals has existed in Old Ahmedabad for a few years.
- ❖ During the Uttarayan (Makar Sankranti) festival this region has become a hub of terrace tourism.

- ❖ It refers the renting of residential terraces to tourists, which offering exclusive vantage points for kite flying and other activities.



IMPORTANT DAYS

World Logic Day 2025 - January 14



- ❖ It aims to bring the intellectual history, conceptual significance and the practical implications of logic to the attention of interdisciplinary science communities and the broader public.
- ❖ On 26 November 2019, the 40th General Conference of UNESCO proclaimed this day.
- ❖ This date coincides with death anniversary of Kurt Gödel and the date of birth anniversary of Alfred Tarski.

- ❖ They two are the most prominent logicians of the twentieth century.

MISCELLANEOUS

Reactor vessels to Kudankulam



- ❖ The VVER-1000 reactor vessel for the sixth power unit of the Kudankulam NPP, is being transported to the site.
- ❖ Currently, four new power units are being built at the Kudankulam NPP, according to a Russian design.
- ❖ Presently, two units with similar capacity are generating power since 2013 and 2016 respectively.
- ❖ Russia's Rosatom State Corporation provides fuel to the power units of the KKNPP throughout their entire life cycle.

