



June - 06

TNPSC BITS

- ❖ Prime Minister flagged off India's first D9 – 9000 HP electric locomotive, one of the most powerful freight locomotives in the world at Dahod, Gujarat.
- ❖ The new unified headquarters of the Quality Council of India (QCI) was inaugurated at the World Trade Centre in New Delhi.
- ❖ The Indian Army has launched its first FM radio station, 'Panchshul Pulse,' in Pithoragarh, Uttarakhand, under 'Operation Sadbhavana.'
- ❖ The 17th edition of India- Mongolia Joint Military Exercise Nomadic Elephant is to be conducted in Ulaanbaatar, Mongolia.
- ❖ India will set up its first artificial intelligence-focused Special Economic Zone (SEZ) in Nava Raipur, Chhattisgarh.
- ❖ Royal Challengers Bengaluru won their maiden IPL title by victory over Punjab Kings in the final.
- ❖ The 2026 Asian Weightlifting Championships will be held in Ahmedabad, India.
- ❖ 'Bharat Gen', India's first-of-its-kind, indigenously developed, AI-based and Multi modal Large Language Model (LLM) for the Indian languages was launched at "BharatGen Summit".
- ❖ Étienne-Émile Baulieu, a French scientist who created the abortion pill, has died recently.
- ❖ World Day Against Speciesism is observed on June 05th to denounce speciesism, which is discrimination against non-human animals based on their species.

TAMIL NADU NEWS

Mangrove Plantations

- ❖ The Forest Department has carried out the mangrove plantations in two coastal villages in Pudukottai district.
- ❖ It aims to create the bio-shields in order to protect the villages from the natural calamities.
- ❖ The task was carried out with support from the local community in 2024-25 at Muthukuda.
- ❖ The mangrove plantations were carried out on 20 hectares at Mumpalai coastal village in Manamelkudi block.

- ❖ These tasks have been carried out under the Rehabilitation of Coastal through the Formation of Bio-Shields with funds provided under the Green Tamil Nadu Mission.

Tamil Nadu Forest department has carried out mangrove plantations in two coastal villages in Pudukkottai district.



Night Ban on Online Games

Key provisions of Tamil Nadu Online Gaming Regulations

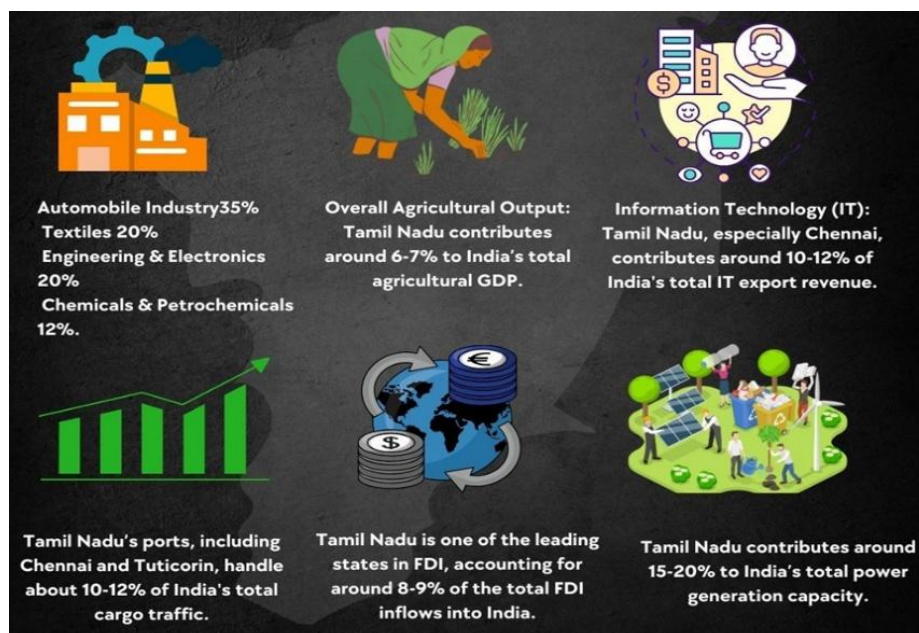
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| Aadhaar-based KYC verification: Mandatory Aadhaar authentication with one-time password (OTP) for all players | participating in online real money games |
| 'Blank hour' ban: Prohibition on playing real money games between midnight and 5am | Age and identity verification: Two-step authentication process to confirm player age and identity |
| Minor protection: Complete prohibition of minors from | Regulatory oversight: Establishment of Tamil Nadu Online Gaming Authority to oversee real money games |



- ❖ The Madras High Court upheld the validity of a ban imposed by the Tamil Nadu Online Gaming Authority (TNOGA) on playing Real Money Games (RMG) between 12 midnight and 5 a.m.
- ❖ It has also refused to interfere with requirements such as mandatory Aadhaar verification for playing the RMG.

- ❖ The Division Bench held the State legislature was fully competent to enact a law governing online games by invoking Entry 6 (public health and sanitation) and Entry 26 (trade and commerce within the State) of List II (State list) in the seventh schedule to the Constitution.
- ❖ The court concluded that the 2025 Regulations were a necessary response to a growing public health crisis and aligned with Article 39 of the DPSP.
- ❖ The government also argued that the restrictions brought in were reasonable restrictions and were protected under Articles 19(2) and 19(6) of the Constitution.

Achievements of the manufacturing sector

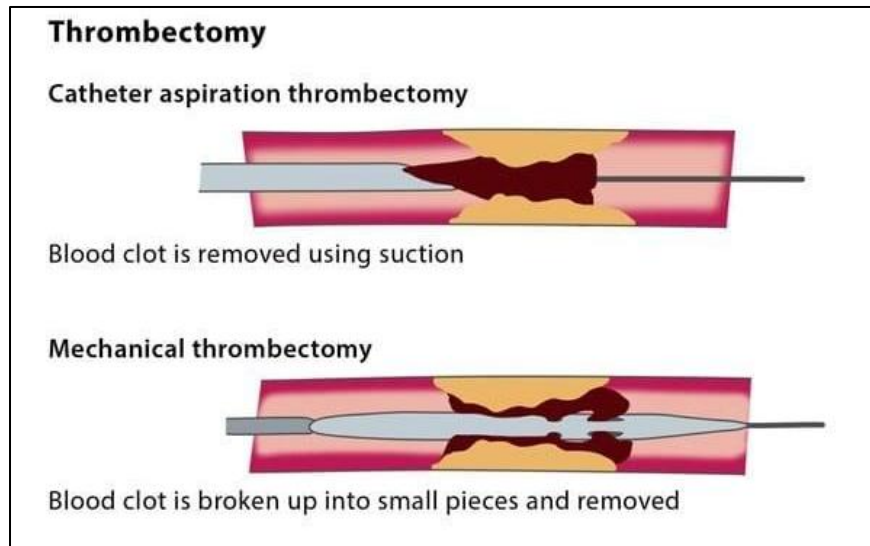


- ❖ Tamil Nadu aims to become a \$1 trillion economy by 2030.
- ❖ The 'Make in India' initiative was launched in 2014.
- ❖ The goal was to raise the share of the manufacturing sector as a share of GDP to 25% by 2025.
- ❖ While the national average has reached only 16%, Tamil Nadu has already achieved 25% in its Gross State Domestic Product (GSDP)
- ❖ Tamilnadu has over 31,000 active factories—India's highest—and leads in non-oil exports.
- ❖ The state contributes 15% of India's total exports despite having under 6% of the population.
- ❖ Tamil Nadu accounts for 41% of India's electronic exports, 38% of footwear, and 45% of automobile components exports.

- ❖ Tamil Nadu has set targets to boost electronics exports from \$14 billion to \$ 100 billion.

NATIONAL NEWS

Aid for Indigenous Thrombectomy Device



- ❖ India is set to begin manufacturing its first indigenously developed mechanical thrombectomy device.
- ❖ This is followed by financial support approved by the Technology Development Board (TDB)
- ❖ The initiative is led by Mysuru-based S3V Vascular Technologies.
- ❖ It will establish an integrated production facility near Sriperumbudur, Tamil Nadu, to manufacture critical stroke care tools.
- ❖ A thrombectomy device is a specialised medical tool used to remove blood clots from blood vessels, particularly in the brain, to treat ischaemic strokes.
- ❖ India registered over 1.25 million new stroke cases in 2021, a 51 per cent increase compared to 650,000 cases in 1990.

RoDTEP scheme for exporters

- ❖ The centre has restored the Remission of Duties and Taxes on Exported Products (RoDTEP) scheme with effect from June 1, 2025.
- ❖ It will benefit the units operating under Advance Authorisation, Export Oriented Units (EOUs), and Special Economic Zones (SEZs).

- ❖ The RoDTEP scheme aims to refund taxes and duties that are not rebated under any other scheme and benefit rates range between 0.3-4.3%.
- ❖ India is negotiating free trade agreements with the US and the EU.
- ❖ India and the UK have already announced the conclusion of an FTA.

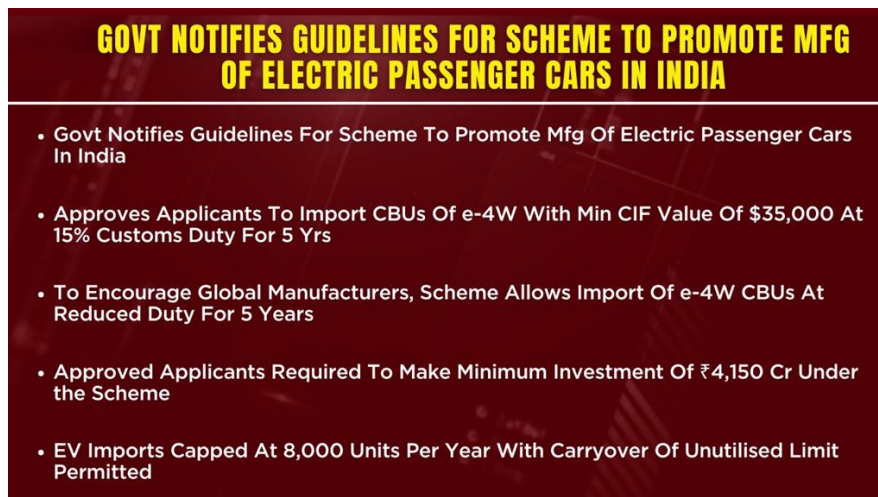


Big Boost to Export

Scheme of Remission of Duties & Taxes on Exported Products (RoDTEP)

-  Mechanism to be created for reimbursement of **taxes /duties/levies at central**, state & local level, currently not being refunded
-  Will make Indian exports cost competitive in International Markets & **boost employment generation**
-  Existing MEIS to be **shifted to RoDTEP with proper monitoring** & audit mechanism
-  Scheme to be implemented with **end to end digitization**

India's EV Manufacturing Guidelines 2025



GOVT NOTIFIES GUIDELINES FOR SCHEME TO PROMOTE MFG OF ELECTRIC PASSENGER CARS IN INDIA

- Govt Notifies Guidelines For Scheme To Promote Mfg Of Electric Passenger Cars In India
- Approves Applicants To Import CBUs Of e-4W With Min CIF Value Of \$35,000 At 15% Customs Duty For 5 Yrs
- To Encourage Global Manufacturers, Scheme Allows Import Of e-4W CBUs At Reduced Duty For 5 Years
- Approved Applicants Required To Make Minimum Investment Of ₹4,150 Cr Under the Scheme
- EV Imports Capped At 8,000 Units Per Year With Carryover Of Unutilised Limit Permitted

- ❖ India is rolling out a new flagship electric vehicle policy that aims to lure global automakers into making cars locally.

- ❖ The Companies will be allowed to import up to 8,000 electric four-wheeler units annually at a lower import duty of 15% against 70-100% currently.
- ❖ But to avail this, the minimum investment commitment in India is to be made by an applicant during a 3-year window of ₹4,150 crore (about \$500 mn).

NAKSHA Capacity Building Program

- ❖ Ministry of Rural Development conducted the second phase of capacity-building under the NAKSHA programme.
- ❖ NAKSHA stands for 'National geospatial Knowledge-based land Survey of urban Habitations'.
- ❖ It is a city survey initiative under the Digital India Land Records Modernization Programme (DILRMP).
- ❖ NAKSHA program aims to reform urban land surveys using advanced geospatial technologies.
- ❖ It is executed by the Department of Land Resources (DoLR), Ministry of Rural Development.



Swachh Survekshan Gramin 2025

- ❖ Union Jal Shakti Ministry launched India's largest sanitation survey- Swachh Survekshan Grameen (SSG) 2025 in Delhi.
- ❖ This nationwide rural sanitation ranking survey covers 21,000 villages across 761 districts in 34 States/UTs.

- ❖ It is conducted by the Department of Drinking Water and Sanitation (DDWS) under the Ministry of Jal Shakti.



INTERNATIONAL NEWS

International Organisation for Mediation (IOMed)

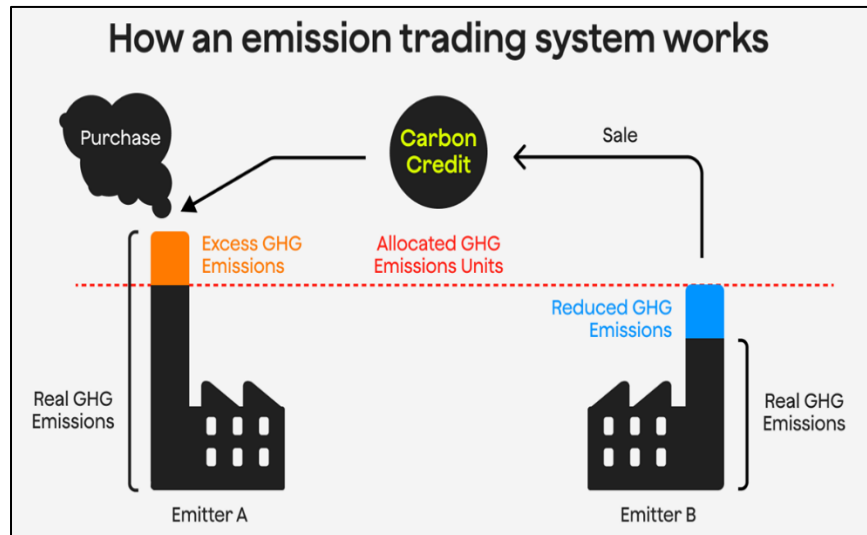


- ❖ The Chinese government and other 32 countries have signed a convention for establishing an international mediation organisation (IOMed) in Hong Kong.
- ❖ It was described as the “world’s first intergovernmental international legal organisation dedicated to resolving international disputes through mediation”.
- ❖ Its status would be on par with the UN bodies the ICJ and the Permanent Court of Arbitration in The Hague.

- ❖ Article 33 of the UN Charter provides for the peaceful settlement of international disputes through negotiation, enquiry, mediation, conciliation, arbitration, judicial settlement or other peaceful means.
- ❖ So far, there has been no established intergovernmental organization for the mediation methods of dispute settlement.

Japan Carbon Emissions Trading System

- ❖ Japan's parliament has enacted a law obliging hundreds of firms to join a carbon emissions trading scheme starting April 2026.
- ❖ Under the revised law, companies producing 100,000 tons of carbon dioxide or more a year are to join the Green Transformation-Emissions Trading System.
- ❖ The government estimates that the companies account for nearly 60% of domestic greenhouse gas emissions.
- ❖ Under the trading system, the companies will be allotted a maximum emission allowance.
- ❖ Carbon credits will have to be purchased on the market for any emissions above the threshold.



International Conference on Glaciers' Preservation 2025

- ❖ The Plenary Session of the International Conference on Glaciers' Preservation, was held in Dushanbe, Republic of Tajikistan.
- ❖ It had focused on enhancing transboundary collaboration to preserve glaciers and their socio-economic benefits.

- ❖ The Conference also supported the implementation of UN resolutions on the “International Year of Glaciers’ Preservation 2025” and the “Decade of Action for Cryosphere Sciences, 2025–2034”.



ECONOMY NEWS

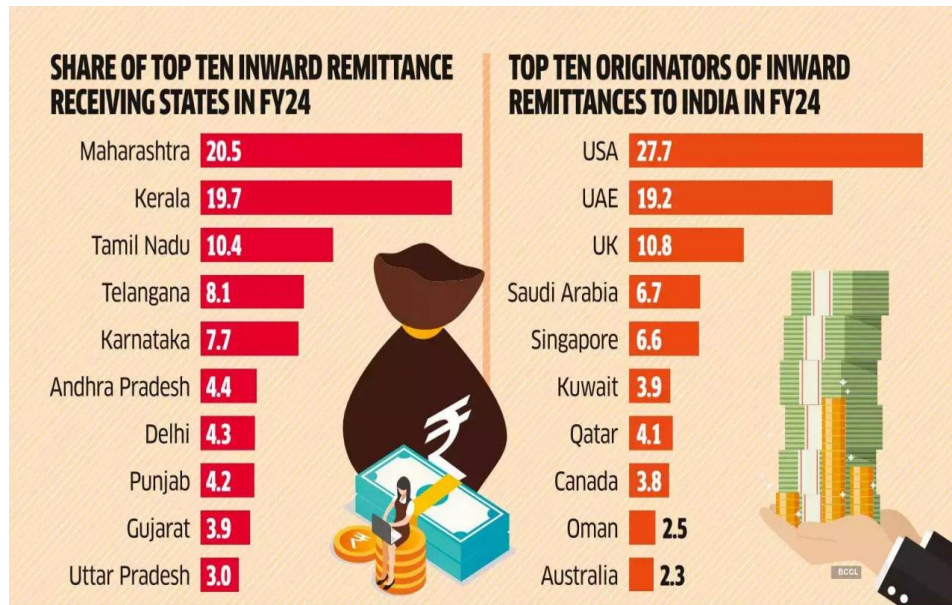
Miniratna status to three DPSUs



- ❖ The Defence Ministry has approved the grant of ‘Miniratna’ status Category-I for
 - The Munitions India Limited (MIL),
 - The Armoured Vehicles Nigam Limited (AVNL), and
 - India Optel Limited (IOL).
- ❖ The Miniratna scheme was initiated in the year 1997.
- ❖ The qualification for the designation of Miniratna status

- Must have achieved profitability in the last three consecutive years.
- Need to demonstrate a pre-tax profit of Rs.30 crores or more in at least one of the three years.
- Must maintain a positive net worth.

RBI's 6th Remittances Survey



- ❖ Inward remittances stood at a record \$118.7 billion in 2023-24.
- ❖ This is not only exceeding the FDI inflows but also financing over half of India's merchandise trade deficit.
- ❖ The U.S. accounts for 27.7% of India's inward remittances.
- ❖ This is a hike from 23.4% reported in the Fifth Round (2020-21) Survey.
- ❖ The U.S., U.K., Canada, Australia, and Singapore together account for 51.2% of the flows.
- ❖ They overtook the cumulative share of the six GCC nations (37.9%) by a large margin.
- ❖ In 2023-24, transfers above ₹5 lakh accounted for nearly 29% of total remittance value.
- ❖ In 2023-24, digital channels, on average, accounted for 73.5% of all remittance transactions.
- ❖ The average cost of sending \$200 to India now stands at 4.9%, below the global average of 6.65%.
- ❖ But this is still above the Sustainable Development Goal benchmark of 3%.

- ❖ Maharashtra, Kerala, and Tamil Nadu received about 51% of total remittances.
- ❖ Bihar, Uttar Pradesh, and Rajasthan have received a total share of under 6% of remittances.

SCIENCE AND TECHNOLOGY NEWS

mNexspike Vaccine

The FDA approval of our third product, mNEXSPIKE®, adds an important new tool to help protect people at high risk of severe disease from COVID-19.

We appreciate the FDA's timely review and thank the entire Moderna team for their hard work and continued commitment to public health.

- ❖ The US approved a new COVID-19 vaccine mNexspike, made by Moderna.
- ❖ The new vaccine is a step toward next-generation coronavirus vaccines.
- ❖ It allows for a lower dose a fifth of the dose of its current Covid-19 vaccine.
- ❖ It is particularly aimed at individuals aged 65 and older and those aged 12 to 64.

ENVIRONMENT NEWS

Calotes zolaiking - first time in Meghalaya

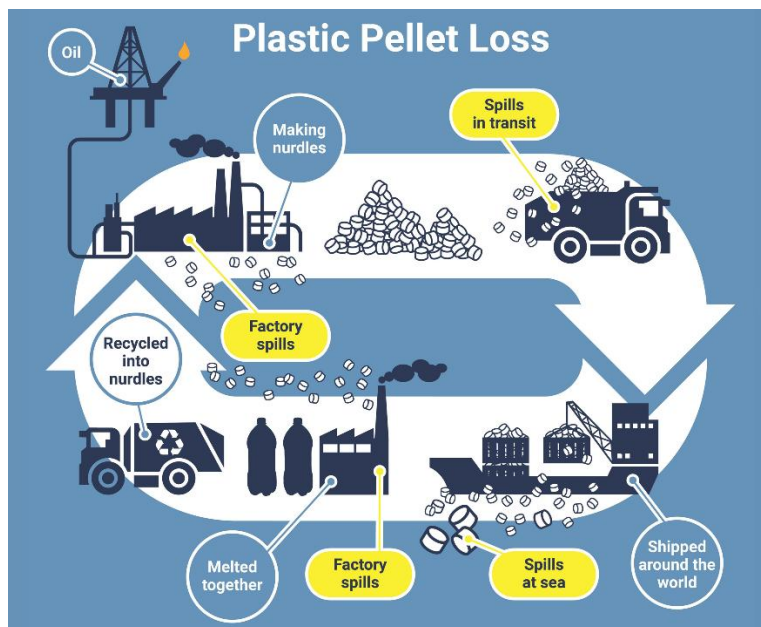


- ❖ *Calotes zolaiking*, a species of garden lizard, was first described in 2019 in Mizoram's Aizawl district.

- ❖ This lizard species is now recorded in the East Khasi Hills district of Meghalaya.
- ❖ India is home to 14 species of Calotes, nine of which have been recorded in the Northeast.

Nurdles in Kerala

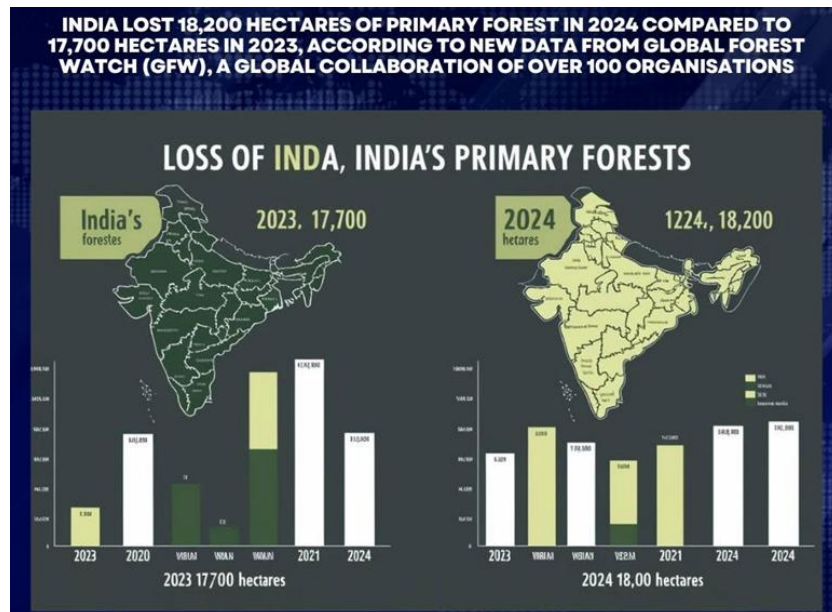
- ❖ Tiny plastic pellets (nurdles) were found on beaches in Thiruvananthapuram in Kerala following the sinking of the container vessel MSC ELSA3.
- ❖ Classified as primary microplastics, these pellets are between 1 mm to 5 mm in diameter.
- ❖ The pellets found in Kochu Veli are mostly low-density polyethylene (LDPE) and high-density polyethylene (HDPE).
- ❖ These pellets are melted and moulded into the various products, including the packaging, water bottles, toys, and textiles.
- ❖ While not inherently toxic, the pellets remain a dangerous pollutant.
- ❖ They can break up into micro and nano plastics and enter the food chain.
- ❖ This is the very first major incident of plastic nurdle landings in India caused by a shipwreck.



India's Forest Loss in 2024

- ❖ India lost 18,200 hectares of primary forest in 2024, a slight increase from 17,700 hectares recorded in 2023.

- ❖ Between 2002 and 2024, the country lost a total of 3,48,000 hectares of humid primary forest.
- ❖ It represents around 5.4% of India's total humid primary forest area.
- ❖ This accounts for 15% of the country's total tree cover loss during the same period.
- ❖ Since 2001, India has lost approximately 2.31 million hectares of tree cover, reflecting a 7.1% decline.
- ❖ This loss is estimated to have generated about 1.29 gigatonnes of carbon dioxide equivalent emissions.
- ❖ Assam recorded the highest tree cover loss in the country, with 3,40,000 hectares lost between 2001 and 2024.
- ❖ Wildfires caused the loss of 8,330 hectares of tree cover between 2001 and 2024.
- ❖ The peak year for fire-related forest loss was 2008.

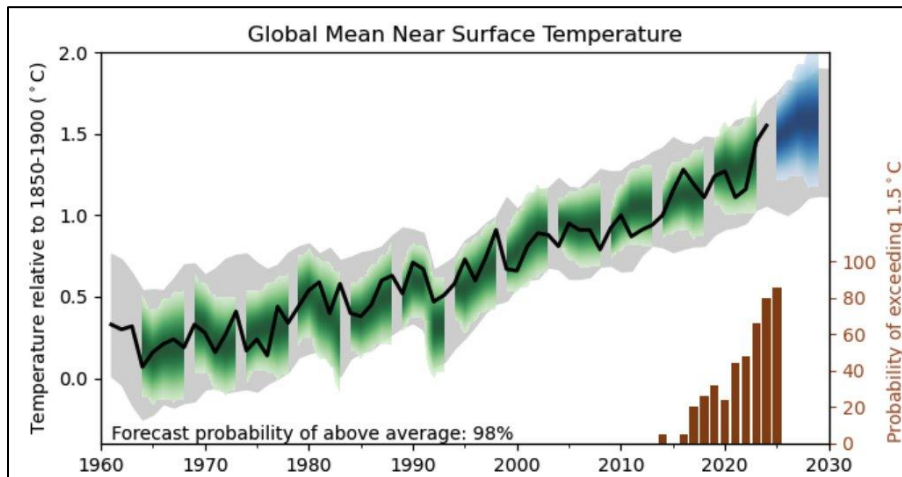


REPORTS AND INDICES

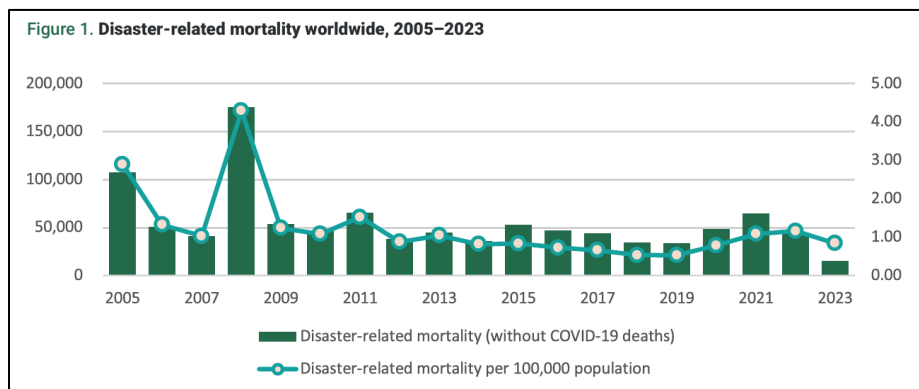
WMO Global Climate Forecast 2025–2029

- ❖ The World Meteorological Organisation (WMO) has issued the Global Annual to Decadal Climate Update for 2025-2029.
- ❖ 80% possibility is there for at least one year between 2025 and 2029 will surpass the warmest year on record (currently 2024).

- ❖ The temperature is expected to be 1.2°C to 1.9°C higher than the pre-industrial average.
- ❖ The forecast also suggests a 70% chance that the five-year average warming will exceed 1.5°C.
- ❖ From 2023, the South Asian region has been anomalously wet, and this will continue for the 2025-2029 period.



Report on Disaster Risk Reduction 2025



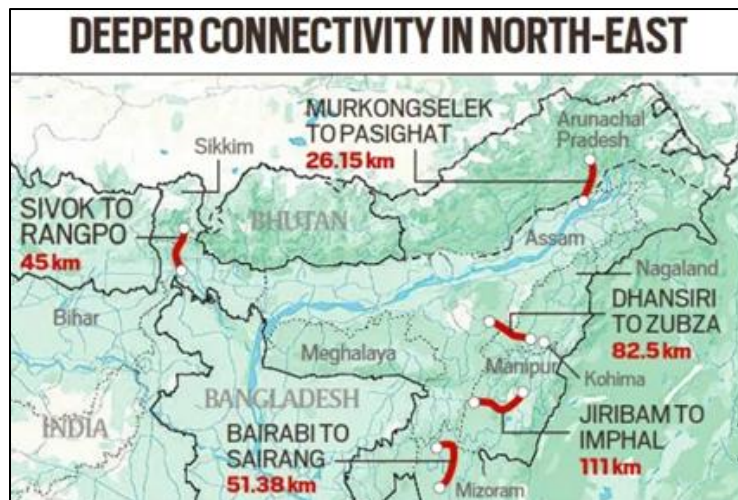
- ❖ The Global Assessment Report (GAR) on Disaster Risk Reduction 2025 was released by the UN Office for Disaster Risk Reduction (UNDRR).
- ❖ The direct costs of disasters averaged USD 70–80 billion a year between 1970 and 2000.
- ❖ Between 2001 and 2020 these annual costs grew significantly to USD 180–200 billion.
- ❖ In 2025, the total disaster costs will now exceed \$2.3 trillion annually when indirect and ecosystem impacts are included.

- ❖ Cities are projected to add 1.2 billion residents, and 98.4 per cent of them will be in the Global South.
- ❖ Losses from flooding will increase between 5 per cent to 13 per cent.
- ❖ Over 90% of the land is at risk of becoming degraded by 2050, up from the current 40 per cent.
- ❖ The past 30 years have seen an estimated loss of \$3.8 trillion in crops and livestock production due to disaster events.
- ❖ It equals an average annual loss of \$ 123 billion per year or 5% of the global agricultural GDP.

STATES' NEWS

Bairabi-Sairang line

- ❖ Mizoram's capital Aizawl has now been linked to the national railway network via the Bairabi-Sairang line in the state.
- ❖ Thus Mizoram becomes the fourth N-E state with its capital city connected to the national railway network.
- ❖ The other three states are Assam, Tripura and Arunachal Pradesh.



MISCELLANEOUS NEWS

Results of Comprehensive Modular Survey - Telecom 2025

- ❖ In the rural areas approximately 96.8 per cent of persons in the age group 15-29 years used mobile phones at least once during the last three months.

- ❖ In the age group 15-29 years, around 95.5 per cent of persons own a smartphone in rural areas.
- ❖ In urban areas, about 97.6 per cent of persons own a smartphone in the same age group.
- ❖ In India, approximately 85.5 per cent of the households possess at least one smartphone.
- ❖ Around 86.3 per cent of households in India have access to internet within the household premises.
- ❖ 51.4 per cent of females in rural areas in the 15-24 years age bracket reported the ability to perform online banking transactions,
- ❖ This is more than double the 19.6 per cent in 2022-23.

