



October - 06

TNPSC BITS

- ❖ Typhoon Bualoi made landfall in northern central Vietnam on September 30, 2025, causing 51 deaths.
- ❖ Exercise Pacific Reach 2025, a multinational submarine rescue exercise, was hosted by the Republic of Singapore Navy, featuring over 40 nations, including India held at Singapore.

TAMIL NADU NEWS

Application of Article 311

What are the safeguards that article 311 provides civil servants?

Article 311 says that no government employee either of an all India service or a state government shall be dismissed or removed by an authority subordinate to the one that appointed him/her.

Section 2 of the article says that no civil servant shall be dismissed or removed or reduced in rank except after an inquiry in which s/he has been informed of the charges and given a reasonable opportunity of being heard in respect of those charges.

- ❖ Tiruvannamalai SP (Superintendent of Police) issued a dismissal order for two constables attached to Tiruvannamalai East Police Station.
- ❖ On the instructions of Inspector-General of Police, North Zone, the SP dismissed the constables by invoking provisions under Article 311 of the Constitution.
- ❖ It deals with the "Dismissal, removal or reduction in rank of persons employed in civil capacities under the Union or a State".
- ❖ While the Article says no disciplinary action could be taken without conducting an inquiry against the accused employee, and he/she be given a reasonable opportunity of being heard in respect of the charges.
- ❖ But the SP issued the order under Clause 2(b) of Article 311 of the Constitution.
- ❖ It states that the dismissal from service is justified when the competent authority "empowered to dismiss or remove a person or to reduce him in rank is satisfied

that for some reason, to be recorded by that authority in writing, it is not reasonably practicable to hold such inquiry”.

- ❖ Simply, Article 311 does not require any departmental inquiry for dismissal of the service.
- ❖ Under this, the government is empowered to terminate an employee without recourse to the normal procedure if it is satisfied that his or her retention in public service is prejudicial to the security of the state.
- ❖ The first dismissal of a police official under Article 311 was reported in Madurai.
- ❖ Here an Inspector was removed without an inquiry on April 11, 2023 after being arrested for grabbing ₹10 lakh from a businessman.
- ❖ The accused officer's plea challenging her removal from service was dismissed by the Madurai Bench of the Madras High Court.

Supreme Court verdict on TET exam



- ❖ Tamil Nadu became one of the first States to seek a review of a Supreme Court judgment on TET.
- ❖ It gave school teachers two choices — to qualify for Teaching Eligibility Test (TET) in two years or be retired compulsorily.
- ❖ On September 1, 2025, a two-judge Bench of Justices Dipankar Datta and Manmohan invoked the court's extraordinary powers under Article 142 of the Constitution.



- ❖ It has directed that teachers across the country with more than five years of service left must pass the TET in two years.
- ❖ The Right to Education (RTE) Act of 2009 was implemented from 2010.
- ❖ It required teachers to clear TET.
- ❖ The Bench only gave teachers with less than five years to retirement the option to not take TET.
- ❖ It is applicable to all teachers employed in government, aided, unaided and private schools mentioned under the Right of Children to Free and Compulsory Education (RTE) Act, 2009.
- ❖ It requires in-service teachers from Classes 1-8 in non-minority schools across the country to clear the Teachers' Eligibility Test (TET) in two years or be "compulsorily retired".
- ❖ Further, the two-judge Bench judgment referred to a larger Bench the question whether minority educational institutions ought to be also included under the purview of the RTE Act.
- ❖ The two-judge Bench criticised a 2014 Constitution Bench judgment in the Pramati Educational and Cultural Trust case
- ❖ That case took minority institutions entirely outside the ambit of the RTE Act.
- ❖ The September 1 judgment made a strong pitch to bring schools run by minorities — whether religious or linguistic — into the RTE fold.
- ❖ At the centre of the controversy is the interpretation of Section 23 of the RTE Act.
- ❖ As per that, the National Council for Teacher Education (NCTE) has laid down minimum qualifications for a person to be eligible for appointment as a teacher in Classes one to eight.
- ❖ It was done through its notification on August 23, 2010.
- ❖ An essential qualification is passing the TET conducted by the appropriate government.
- ❖ The rationale for including the TET is to bring national standards and the benchmark of teacher quality in the recruitment process.
- ❖ But, Tamilnadu argued that the RTE law and norms cannot be applied retrospectively.
- ❖ In its review petition, Tamil Nadu contended that the Section 23(1) would apply only to future recruitment of teachers.
- ❖ The State also referred to Section 23(2).
- ❖ It empowers the Centre, through notification, to relax the minimum educational qualifications for appointment of teachers for a limited period not exceeding five

years in case States have to deal with contingencies of dearth of teachers or institutional shortages.

- ❖ A proviso appended to Section 23 also makes it clear that any teacher who, at the commencement of the RTE Act, did not possess the minimum qualifications (TET) must acquire such qualifications within a period of five years.
- ❖ Section 23 does not call for a “blanket mandate” for TET nor could the interpretation of the provision be stretched to retrospectively disqualify teachers who were validly appointed before the notification of minimum qualifications (TET).
- ❖ The review petition is generally filed by one of the aggrieved parties in a case
- ❖ It is requesting the Court to reconsider its earlier order passed by it.
- ❖ The review petition is basically heard in a chamber hearing without the presence of any parties, lawyer (s), litigants or anyone.
- ❖ The same judge (s) who pronounced the earlier order/ verdict hear the case again and pass the order, after going through the case.
- ❖ The judges take approximately half an hour or so to pass the order in the matter.

Lesser-Known Endangered Species Protection

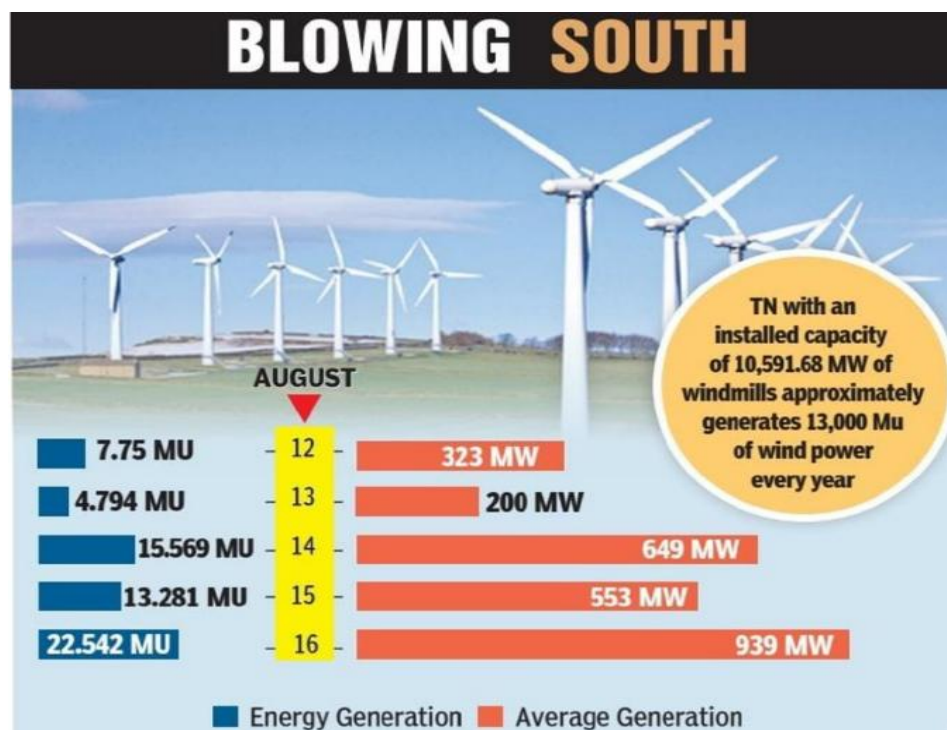


- ❖ The Tamil Nadu government has sanctioned ₹1 crore for conserving four lesser-known endangered species: lion-tailed macaque, Madras hedgehog, striped hyena, and hump-headed mahseer.
- ❖ ₹48.5 lakh has been allocated to the lion-tailed macaque, an endangered primate native to the Western Ghats.
- ❖ The Madras hedgehog, found in semi-arid regions of Tamil Nadu, Andhra Pradesh, and Kerala, will receive ₹20.5 lakh for conservation.

- ❖ ₹14 lakh has been allotted for the near-threatened striped hyena, facing population declines in areas like Mudumalai Tiger Reserve.
- ❖ The critically endangered hump-headed mahseer will get ₹17 lakh to support its recovery in the Moyar River.
- ❖ Canopy bridges will be installed to improve forest connectivity for the lion-tailed macaque.
- ❖ In situ culture and restocking programs aim to revive mahseer populations.

Tamil Nadu Wind Capacity 2025/26

- ❖ Wind energy capacity utilisation in Tamil Nadu is expected to reach 29.6% in 2025-2026, the highest since 2018-2019.
- ❖ Tamil Nadu has over 10,000 MW of installed wind energy capacity.
- ❖ Peak wind energy generation typically occurs between May and October annually.

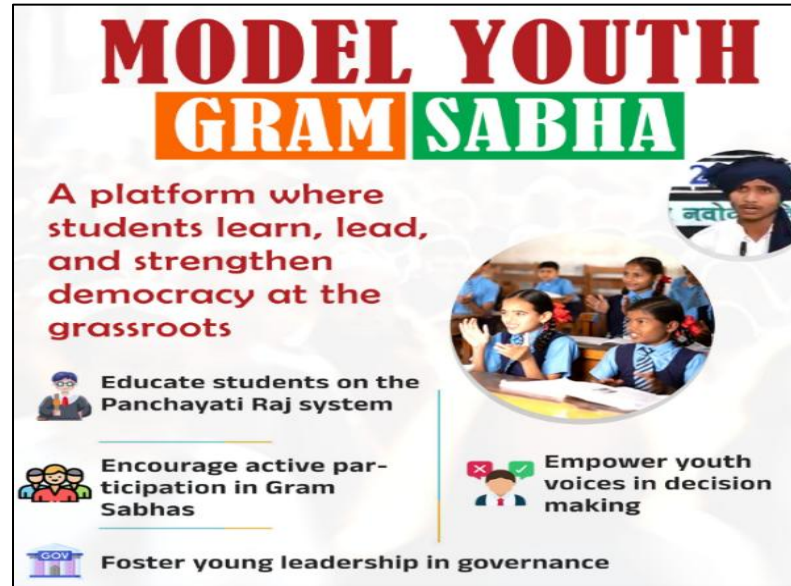


NATIONAL NEWS

Model Youth Gram Sabha

- ❖ The Ministry of Panchayati Raj launched the Model Youth Gram Sabha (MYGS) in rural and tribal schools.

- ❖ The programme involved students staging mock Gram Sabha sessions to learn about local governance.
- ❖ The initiative began in 1,100 to 1,200 schools, including Jawahar Navodaya Vidyalayas and Eklavya Model Residential Schools.



MY Bharat Mobile Application

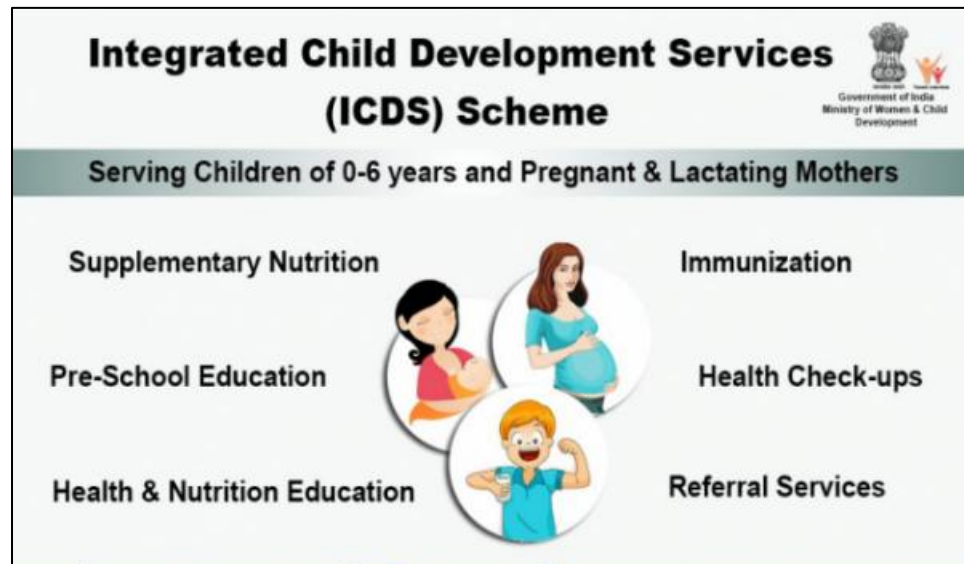


- ❖ The MY Bharat Mobile Application was launched in New Delhi.

- ❖ It is a youth leadership and social engagement platform under the Department of Youth Affairs.
- ❖ Over 1.81 crore youth and 1.20 lakh organisations are registered on the MY Bharat platform.
- ❖ Common Services Centres (CSCs) were integrated with the MY Bharat Portal for wider access.
- ❖ The app provides mobile access to volunteering, internships, mentorship, and skill-building opportunities.

50 years of ICDS

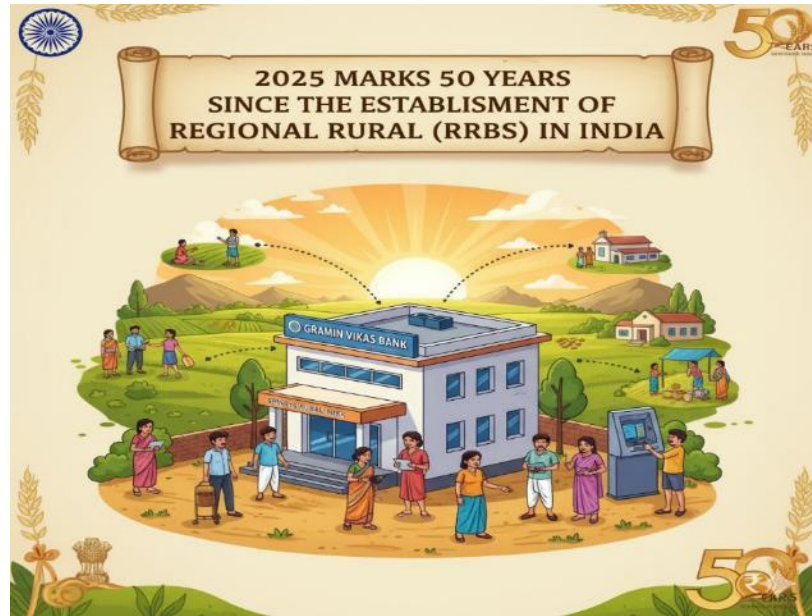
- ❖ The Integrated Child Development Services (ICDS) scheme was launched on 2 October 1975 by then Prime Minister Indira Gandhi.
- ❖ As of 2025, ICDS has been renamed and merged into Mission Saksham Anganwadi and POSHAN 2.0.
- ❖ India has 13.96 lakh (1.396 million) anganwadi centres serving over 7.65 crore (76.5 million) children.
- ❖ ICDS provides early childhood care, education, nutrition, and health services for children under six.



Golden Jubilee of Regional Rural Banks (RRBs)

- ❖ The year 2025 marks 50 years since the establishment of Regional Rural Banks (RRBs) in India.

- ❖ RRBs were created in 1975 to provide accessible banking and credit services to India's rural and agrarian sectors.
- ❖ It was established on the recommendations of the Narsimhan Committee on Rural Credit, during the tenure of Indira Gandhi's government.
- ❖ India currently has 43 RRBs operating under different sponsor banks, regulated by the Reserve Bank of India (RBI) and NABARD.



Disaster Mitigation Projects for States

- ❖ The High-Level Committee, chaired by the Union Home Ministry, has approved mitigation, recovery, and reconstruction projects worth Rs. 4645.60 crore for nine states.
- ❖ It will be including Assam, Kerala, Madhya Pradesh, Odisha, Rajasthan, Uttar Pradesh, Bihar, Chhattisgarh, and Andhra Pradesh.
- ❖ A Rs. 692.05 crore plan for restoration and rejuvenation of wetlands in Assam.
- ❖ It aims to enhance the flood resilience and protect aquatic ecosystems along the Brahmaputra River system.
- ❖ The Urban Flood Risk Management Programme Phase-2, launched with a financial outlay of Rs. 2444.42 crore, will benefit 11 cities prone to urban flooding.
- ❖ Financial assistance of Rs. 1270.79 crore to Assam and Rs. 260.56 crore to Kerala was approved for recovery after floods and landslides in 2022 and 2024, respectively.

- ❖ The committee also sanctioned the advance release of Rs. 24.40 crore as the second instalment of the Central share of the State Disaster Response Fund (SDRF) to Sikkim for 2025-26.



INTERNATIONAL NEWS

World Green Economy Summit 2025



- ❖ The 11th World Green Economy Summit (WGES) was held at the Dubai World Trade Centre, UAE.
- ❖ The theme of the event was “Innovating for Impact: Accelerating the Future of the Green Economy.”

- ❖ The summit took place alongside the Water, Energy, Technology, and Environment Exhibition (WETEX 2025).
- ❖ The summit focused on technology integration, policy frameworks, climate finance, equity, and youth engagement.
- ❖ The Global Alliance on Green Economy (GAGE) unveiled its portfolio of initiatives for 2024–2025 during the summit.

India and Russia's strategic partnership



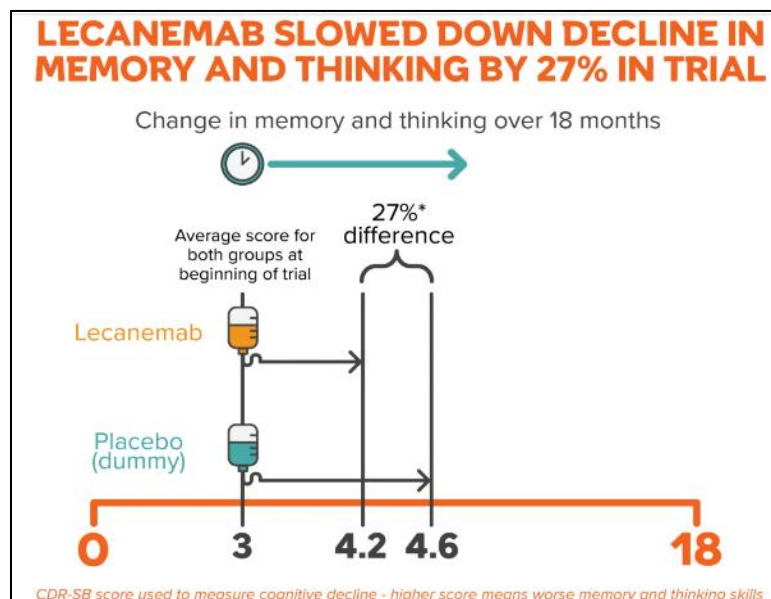
- ❖ On 3 October 2025, both countries marked 25 years of this "special and privileged strategic partnership."
- ❖ On 3 October 2000, India and Russia signed the Declaration on Strategic Partnership in New Delhi.
- ❖ The agreement was signed by then Prime Minister Atal Bihari Vajpayee and Russian President Vladimir Putin.
- ❖ As of 2025, both nations have held over 20 annual bilateral summits under this strategic framework.
- ❖ India and Russia cooperate in key areas including energy, defence, nuclear technology, space, and pharmaceuticals.
- ❖ Bilateral trade between India and Russia crossed USD 65 billion (United States dollars) in 2024–25.
- ❖ Russia is one of India's largest defence suppliers, with deals including S-400 missile systems and Sukhoi aircraft.

- ❖ The Kudankulam nuclear power plant in Tamil Nadu is a major Indo-Russian civil nuclear project.
- ❖ India and Russia jointly develop military hardware under agreements like the BrahMos missile programme.

SCIENCE AND TECHNOLOGY NEWS

New Alzheimer drug

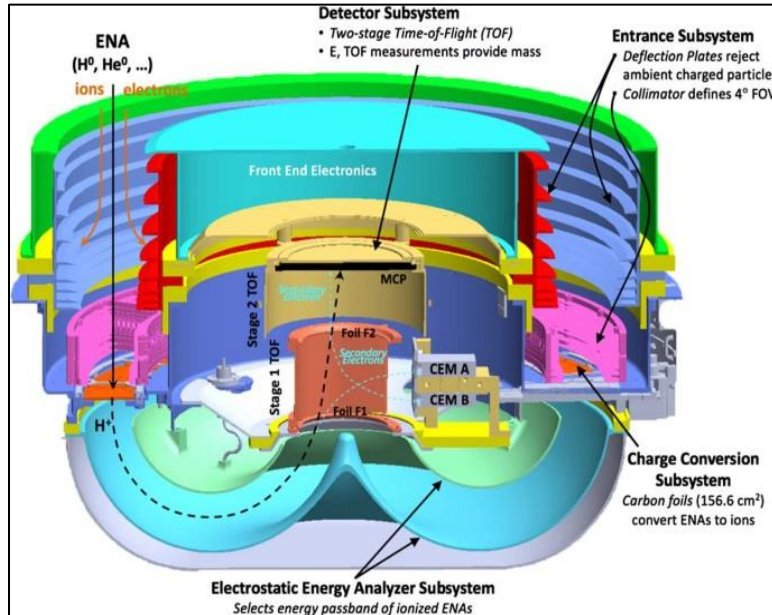
- ❖ Lecanemab is a lab-made antibody drug that slows early-stage Alzheimer's by targeting amyloid proteins in the brain.
- ❖ It was approved by Australia.
- ❖ This can only be used in the early stages of Alzheimer's.
- ❖ Side effects include brain swelling in 12.6 percent of patients and a higher risk in those with the ApoE4 gene.
- ❖ Dementia is a condition that results in progressive memory or thinking problems.




NASA's IMAP mission

- ❖ NASA's Interstellar Mapping and Acceleration Probe (IMAP) was launched aboard SpaceX's Falcon 9 rocket.
- ❖ IMAP will study the heliosphere, solar wind, and interstellar particles to understand the Sun's impact on Earth and space weather.

- ❖ The spacecraft will operate from Lagrange Point 1 (L1) for continuous observation of solar and interstellar activity.
- ❖ It carries 10 instruments to support space weather forecasting and ensure the safety of satellites and astronauts.



False smut disease - Punjab

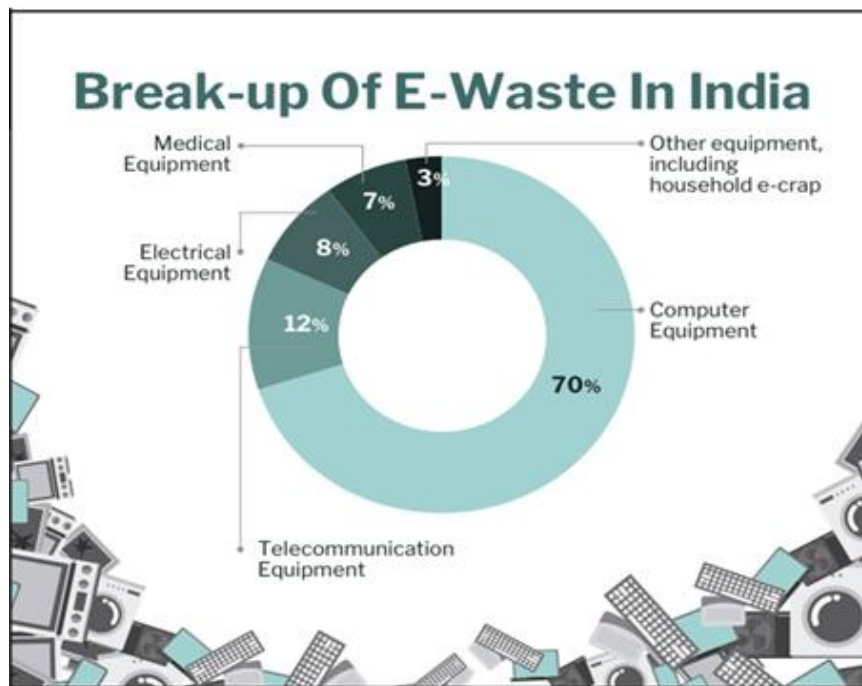
Symptoms of Rice False Smut (<i>Ustilaginoidea virens</i>)
<p>Symptoms of disease</p> <p>The fungal disease is found in the ear head only.</p> <p>Individual grains are transformed initially into large velvety orange yellow balls which later turn dark green or almost black.</p> <p>Few grains in a panicle are usually infected.</p> <p>The disease is more severe in kharif season.</p> <p>Primary infection is through soil borne inoculum.</p>


- ❖ False smut (haldi rog) is a fungal disease in rice caused by *Ustilaginoidea virens*, infecting crops during flowering.

- ❖ The disease appears as yellow and later greenish-black fungal growth on a few grains in a panicle.
- ❖ It reduces grain weight, causes chalkiness, lowers seed germination, and leads to significant yield loss.

ENVIRONMENT NEWS

India's E-Waste Crisis 2025



- ❖ India generated 2.2 million tonnes of e-waste in 2025 with a 150% increase since 2017-18.
- ❖ It becomes the third-largest global producer after China and the US.
- ❖ Over half of this e-waste is handled informally using unsafe methods like open burning and acid leaching, releasing harmful toxins into the environment.
- ❖ Key urban recycling hotspots include Delhi (Seelampur, Mustafabad), Moradabad (Uttar Pradesh), and Bhiwandi (Maharashtra).
- ❖ Informal recycling releases toxic substances like lead, mercury, and harmful particulate matter.
- ❖ Pollution levels in some recycling zones exceed 12 times the WHO's safe limits for air quality.
- ❖ Toxic exposure causes severe health issues: respiratory illnesses, neurological damage (especially in children), skin disorders, and genetic harm.

- ❖ Despite the 2022 E-Waste Management Rules, enforcement lags, with only 43% of e-waste formally recycled as of 2023-24.

Swiss glaciers in 2025

- ❖ Swiss glaciers lost 3% of their volume in 2025 due to low snowfall and heatwaves in June and August.
- ❖ This marks the fourth-biggest annual glacier retreat after 2022, 2023, and 2003.
- ❖ Over the last decade, Switzerland has lost 25% of its total glacier volume.
- ❖ Switzerland, which has about 1,400 glaciers, has already lost more than 1,000 small glaciers.



STATES' NEWS

Digital Land Governance and Disaster Management

- ❖ Gujarat has emerged as a national leader in digital land governance through initiatives like e-Dhara, iORA portal, and Garvi 2.0.
- ❖ It offering over 35 online citizen services.
- ❖ The state uses indigenous technology (by BISAG, ISRO, NIC) to implement schemes like SWAMITVA for rural land ownership and to reduce land disputes.

- ❖ As a disaster-prone coastal state, Gujarat adopted a zero-casualty strategy, building 76 cyclone shelters under the National Cyclone Risk Mitigation Project.
- ❖ The integrated approach combines land reforms with disaster management, aligning with Digital India and Aatmanirbhar Bharat goals.



AnyROR Gujarat: Digital Land Record Management In Gujarat

‘Waste to Art Wall’ initiative



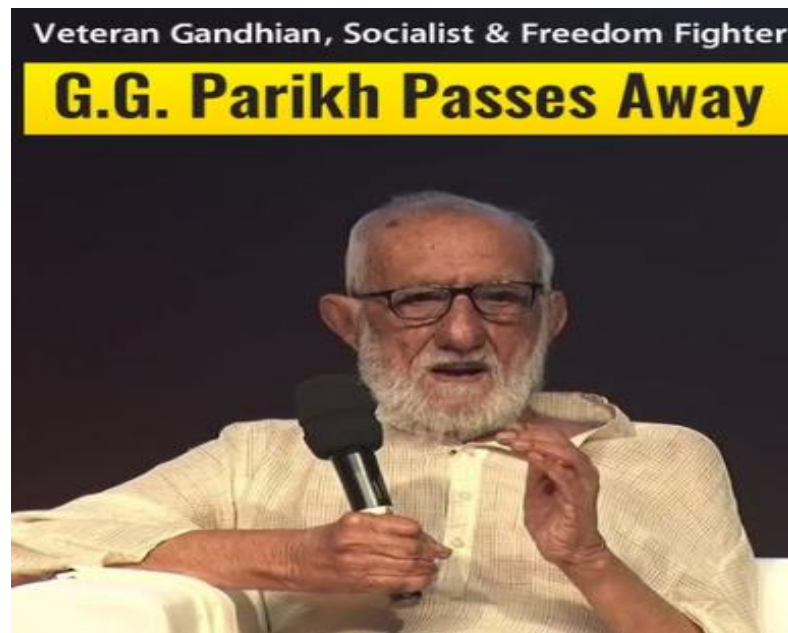
- ❖ The Nagpur Municipal Corporation (NMC) launched the ‘Waste to Art Wall’ at Prem Nagar in the Satranjipura Zone.
- ❖ The project aims to promote environmental protection and cleanliness using recycled waste materials for public art.

- ❖ The clean space serves as an awareness tool to encourage citizen participation in waste management.

PERSONALITIES, AWARDS, AND EVENTS

G.G. Parikh's demise

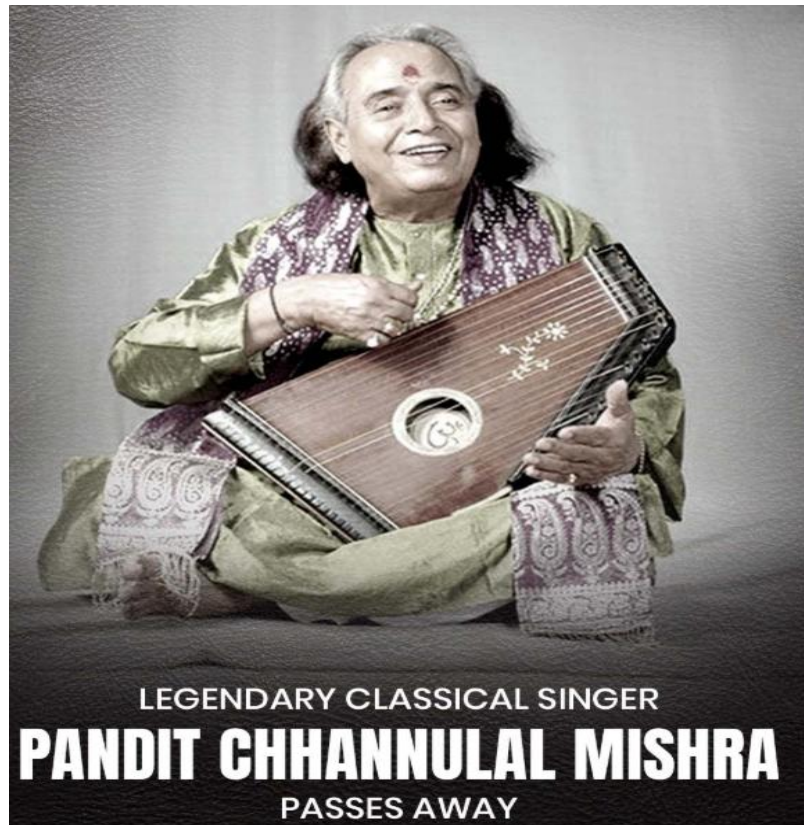
- ❖ Renowned Gandhian and freedom fighter G.G. Parikh passed away.
- ❖ Born in Rajkot (Gujarat) in 1924, he participated in the Samyukta Maharashtra Movement and was associated with the Janata Party.
- ❖ He was imprisoned during the Quit India Movement and the Emergency for his activism.
- ❖ Parikh founded the Yusuf Meherally Centre, working in over 12 states to empower youth and promote sustainable village industries.



Pandit Chhannulal Mishra's demise

- ❖ Pandit Chhannulal Mishra, a celebrated Hindustani classical vocalist and exponent of Thumri, passed away.
- ❖ He was born in 1936 in Uttar Pradesh, and trained under Ustad Abdul Ghani Khan of Kirana Gharana.
- ❖ He is known for his spiritually evocative and soulful singing.
- ❖ He blended Kirana and Benaras gharana styles, reflecting the musical heritage of Varanasi.

- ❖ Mishra was awarded the Padma Vibhushan and was renowned for his devotional music in multiple languages, including Awadhi, Brij bhasha, Urdu, and Sanskrit.



MISCELLANEOUS NEWS

150th anniversary of the national song





- ❖ The Union Cabinet decided to celebrate 150 years of the national song, 'Vande Mataram', across India.
- ❖ The Constituent Assembly had accorded 'Vande Mataram', composed by Bankimchandra Chatterji, the status of national song in January 24, 1950.
- ❖ It was composed in Sanskrit by Bankimchandra Chatterji in 1875.
- ❖ But, it was first published in Chatterji's Bengali novel Ananda math in 1882.

