



MONTHLY CURRENT AFFAIRS - NOVEMBER 2025

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EXCELLENCE

Foot Prints

(Compilation of Current Events)

 TAMIL NADU	 STATES	 NATIONAL	 INDIA & THE WORLD	 INTERNATIONAL
 SCHEMES	 DEFENCE	 SCIENCE & TECHNOLOGY	 EVS	 ECONOMY
 COURT VERDICTS	 CONFERENCES & SUMMITS	 AWARDS	 PERSONALITIES	 BOOKS & AUTHORS
 SPORTS	 RANKS & REPORTS	 DAYS	 OBITUARY	 NEWS OF THE MONTH
 KNOWLEDGE	 APPOINTMENTS	 COMMITTEES	 APPS / PORTALS	 MISCELLANEOUS

Sl.No	TOPICS	PAGE NO
1	Tamil Nadu	3
2	State	17
3	National	23
4	Schemes	28
5	Court Verdict	30
6	International	33
7	India and other countries	35
8	Conference and Summits	36
9	Defence	39
10	Economy	42
11	Appointment	48
12	Awards	50
13	Personalities	54
14	Books and Authors	56
15	Science, Technology & Environment	57
16	Sports	68
17	Report	71
18	Ranking	72
19	Important Days	75

TAMIL NADU

Dhan Dhaanya Scheme Expansion in Tamil Nadu

The Dhan Dhaanya Scheme aims to enhance agricultural productivity and farmer income through integrated planning and sustainable resource management. Recently, the scheme was expanded to include four districts of Tamil Nadu – Ramanathapuram, Sivagangai, Thoothukudi, and Virudhunagar – marking a significant step in strengthening southern India's agricultural base.

- The **Pradhan Mantri Dhan Dhaanya Krishi Yojana (PM-DDKY)** is designed to bring multiple agricultural schemes under one umbrella for efficient implementation and direct farmer benefit. The core objective is to provide **converged agricultural support**, including irrigation, crop insurance, soil health, and agri-infrastructure development.
- Under the expansion, **36 government schemes** have been integrated into the project. This holistic model ensures that farmers can access **credit, inputs, training, and market linkage** from a single platform. Integration helps eliminate overlaps and ensures the efficient use of government funds.
- The schemes merged include major ones like **PM-KISAN, Pradhan Mantri Krishi Sinchai Yojana (PMKSY), Soil Health Card Scheme, and National Mission on Sustainable Agriculture (NMSA)**.



"Dhan Dhanya Krishi Yojana"

Launched in 2025 to boost agricultural productivity in 100 low-productivity districts across India. Its objectives are to enhance crop productivity, promote diversification to more productive and sustainable crops, and improve irrigation and post-harvest storage facilities. The scheme aims to increase access to credit for farmers and will be implemented by converging existing programs and leveraging resources from various ministries, states, and the private sector.

Climate action tracker launched to achieve net zero across State

Minister for Finance, Environment and Climate Change Thangam Thennarasu launched the 'Climate Action Tracker for Tamil Nadu' and 'Climate Decarbonisation Pathways' for some districts, including Ramanathapuram, Virudhunagar, Coimbatore, and Nilgiris.



- The **Government of Tamil Nadu** has taken a major step toward environmental sustainability by launching the **Climate Action Tracker** and **Climate Decarbonisation Pathways** for selected districts. This initiative serves as a monitoring framework to track and accelerate progress toward the State's **Net Zero Emission** goals.
- The program covers **Ramanathapuram, Virudhunagar, Coimbatore, and the Nilgiris**, focusing on localized data and strategies for emission reduction. These districts were selected for their varied climatic, industrial, and ecological profiles. The **Vasudha Foundation** has partnered with the State government to support technical assessments and policy recommendations.
- *Static GK fact:* The **Vasudha Foundation** is an Indian non-profit organization working since 2010 to promote sustainable energy and low-carbon development.
- Each district's **Climate Decarbonisation Pathway** focuses on reducing carbon emissions in transportation, power generation, agriculture, and waste management. Through these district-level plans, Tamil Nadu aims to achieve state-wide emissions neutrality. The Climate Action Tracker will act as an evidence-based platform to measure the success of these strategies.

1040th Sathaya Vizha Celebrating the Legacy of Raja Raja Chola I

The 1040th Sathaya Vizha marked the grand celebration of Raja Raja Chola I's birth anniversary at the historic Peruvudayar Temple in Thanjavur.

- The two-day event honored one of the greatest emperors of South India, whose rule symbolized the zenith of the **Chola Empire's** political and cultural influence.

- The birth anniversary of Raja Raja Chola I is observed on the **Sathayam star of the Tamil month Aippasi**, an occasion known as the **Sathaya Vizha**. It draws thousands of devotees, historians, and cultural enthusiasts every year to Thanjavur, the imperial capital of the Cholas.
- **Raja Raja Chola I (947 CE-1014 CE)** reigned from **985 CE to 1014 CE**, bringing about an era of unprecedented expansion and administration. His rule marked a transformation in South India's history through military, architectural, and cultural achievements.

Stalin virtually inaugurates mini-Tidel Park in Vellore

Tamil Nadu Chief Minister M.K. Stalin on Wednesday virtually inaugurated the ₹32 crore first mini-Tidel Park at Abdullapuram village near the under-construction airport in Vellore on Chennai-Bengaluru National Highway (NH-48).

- The first Mini Tidel Park in Abdullapuram village, Vellore, was inaugurated by the Tamil Nadu Chief Minister as part of the government's long-term plan to strengthen IT presence across smaller cities. This move aims to decentralize IT infrastructure and generate employment opportunities beyond Chennai.
- The government's vision focuses on building Mini Tidel Parks in Tier II and Tier III cities such as Coimbatore, Madurai, Tiruchi, Karur, and Salem. These smaller IT hubs are designed to attract both startups and established companies to regional centers, reducing migration to metro cities.



Vijayanagara Gold Coin Discovery in Tiruvannamalai

- A remarkable archaeological discovery was made at a Shiva temple in Kovilur, located in Tiruvannamalai district, Tamil Nadu. A total of 103 gold coins were unearthed during the temple renovation work.



- Experts believe these coins belong to the Vijayanagara era, making them nearly 600 years old.
- The coins are punch-marked and bear the emblem of a pig, a distinct symbol associated with the Vijayanagara rulers. This emblem was widely used as a mark of royal authority during the reign of kings from this dynasty.

Artificial Rain Experiments in Tamil Nadu

- Tamil Nadu began exploring artificial rain-making in 1970 through discussions between the India Meteorological Department (IMD) and the State government. The first trials were conducted in 1973 around Tiruvallur by the Indian Institute of Tropical Meteorology (IITM).
- These initial efforts, however, did not yield conclusive results. In 1975, a Canadian firm carried out cloud-seeding operations over Chennai and the Nilgiris at a cost of ₹12 lakh, reporting approximately a 20% increase in rainfall.
- Further operations were undertaken in 1983 by an American team led by Thomas Henderson, costing ₹26 lakh, followed by additional trials in 1984.

2nd Edition of Vyapar Tamil Nadu

The theme chosen – “From India’s Detroit to Its Digital Destiny” – signals a strategic transition: from being a manufacturing powerhouse to embracing digital and future-mobility ecosystems.

- The 2nd edition of Vyapar Tamil Nadu, conducted alongside the 19th edition of the Federation of Automobile Dealers Associations (FADA) Vyapar event, brought together industry stakeholders, policymakers and business leaders in Tamil Nadu's automotive and allied sectors.
- Tamil Nadu already holds a commanding position in India's auto industry with the state accounting for **42 percent** of the country's auto component production. The event underscores how the state seeks to leverage this strength and accelerate digitisation of supply-chains, manufacturing processes, e-mobility adoption and industry-4.0 practices.
- Dealers, component suppliers and service providers gained insights into opportunities generated by electric vehicles (EVs), connected mobility and digital platforms.



Tamil Nadu forms two panels to revamp school curriculum

One of the expert committees will redesign the State's school curriculum in line with the Tamil Nadu State Education Policy 2025

- The Tamil Nadu Government has taken a major step to reform its school education system by establishing two specialized committees.
- These panels aim to redesign the curriculum to align with the Tamil Nadu State Education Policy 2025, focusing on quality, inclusivity, and practical learning outcomes.
- The first panel, known as the High-Level Expert Committee, is headed by School Education Minister Anbil Mahesh Poyyamozi. This committee will provide overarching policy direction, ensure coordination among



departments, and integrate global educational standards with Tamil Nadu's learning culture.

- The committee will also study successful curriculum models from countries like Finland and Singapore, adapting best practices to local needs. Its mandate includes improving teacher training, digital learning, and assessment systems to create a more student-centered approach.

Chennai Metro's Breakthrough Organ Transport Milestone

Tamil Nadu achieved a major milestone when the Chennai Metro Rail (CMRL) enabled its first-ever green corridor for organ transport.

- This mission involved moving a pair of **donor lungs** swiftly across the city, marking a new phase in emergency medical logistics. Such use of urban transit networks reflects the state's rapid-response capabilities.
- On **November 8, 2025**, the lungs were transported from **Meenambakkam Metro** to **AG-DMS Metro**.
- The distance of **10.82 kilometres** was covered in just **21 minutes**, demonstrating the value of uninterrupted metro movement.
- The entire coordination was handled smoothly by CMRL officials, ensuring optimal timing during the critical window required for organ preservation.



Anbu Solai Senior Care Initiative

The Anbu Solai programme marks a major step in Tamil Nadu's social care framework.

- The initiative was launched by the **Chief Minister on November 10, 2025**, at Trichy, signalling a focused effort to improve senior citizen welfare. The model aims to create safe, accessible, and activity-rich spaces for the elderly.

- The main objective of Anbu Solai is to support the well-being of the elderly, especially those from working-class households. Many older persons spend most of the day alone when family members are away at work.
- These centres offer structured daytime support, reducing loneliness and fostering community participation.
- A total of **25 centres** have been opened across Tamil Nadu under the **Department of Social Welfare and Women Empowerment**.
- This wide coverage ensures that multiple districts receive access to the facilities. The government plans for expansion based on public response and utilisation levels.



Tamil Nadu Women's Wellness on Wheels Initiative

Tamil Nadu is introducing India's first Women's Wellness on Wheels units to strengthen women's preventive healthcare.

- A total of **38 specialised vehicles** will be launched, one for each district. This initiative aims to improve access to early detection services for women, especially in remote and underserved areas.
- These units will focus primarily on **cervical cancer** and **breast cancer** screening, two of the most common cancers affecting Indian women. Early detection through mobile outreach can significantly reduce mortality and improve treatment outcomes.
- Each vehicle will include essential diagnostic equipment and a trained medical team.
- The services will cover Pap smear tests, breast examinations, ultrasound-based assessments, and basic imaging support. These screenings help detect warning signs of cancer at an early stage.



- The units will also provide checks for **non-communicable diseases (NCDs)** such as hypertension, diabetes, and anaemia. This broadens the initiative into a full women’s wellness programme.
- The scheme is jointly implemented by the **Department of Social Welfare** and the **Health Department** of Tamil Nadu.
- This dual-department involvement ensures both social outreach and medical service quality. A dedicated budget supports the procurement, staffing, and maintenance of all 38 vehicles.

Tamil Nadu among top achievers at Udyog Samagam 2025

The Udyog Samagam 2025, held under the aegis of the Department for Promotion of Industry and Internal Trade (DPIIT) in New Delhi, was chaired by Union Minister of Commerce and Industry Piyush Goyal.

- Tamil Nadu secured national recognition at the **Udyog Samagam 2025** held in **New Delhi**, marking a major moment for the State’s governance and industrial ecosystem. The event, organised by the **Department for Promotion of Industry and Internal Trade (DPIIT)**, highlighted reforms under the **Business Reforms Action Plan (BRAP) 2024**.
- Tamil Nadu was acknowledged as a **top achiever** under four key parameters – business entry, construction permits, labour enablers, and land administration. This recognition places the State among the leading reform-driven economies in India.
- BRAP is a national framework assessing states on the ease and efficiency of doing business. Performing strongly in this ranking signals streamlined processes, fewer compliance burdens, and faster approvals.
- Tamil Nadu’s recognition shows its progress in creating a more predictable and investor-friendly environment.



Kovalam beach retains Blue Flag certification for fifth year in a row

The certification, renewed annually after detailed inspections by national and international committees, assesses compliance with 33 criteria covering water quality, environmental education, safety, waste management, cleanliness, and eco-friendly infrastructure

- The **Blue Flag** is a globally recognized eco-label awarded by the **Foundation for Environmental Education (FEE), Denmark**.
- The recognition verifies that a beach meets stringent international standards across environmental quality, safety, and infrastructure.
- Kovalam secured its first Blue Flag certification on **21 September 2021**, becoming the **first beach in Tamil Nadu** to achieve this honour.
- Retaining the certification for five years shows consistent adherence to high environmental and tourism standards.
- The beach continues to maintain clean shores, proper waste systems, and safe recreational spaces.



Tamil Nadu's Integrated Climate Action Pathway

- Tamil Nadu has built a structured climate response through the **Tamil Nadu Green Climate Company (TNGCC)**.
- This entity coordinates all major missions on climate change, green cover expansion, wetlands conservation, and coastal ecosystem restoration. It acts as a single nodal platform to unify planning and monitoring across departments. TNGCC oversees four major programmes that address climate adaptation and mitigation.
- These include initiatives for **climate change**, rejuvenation of **wetlands**, expansion of **green cover**, and restoration of the **coastal belt**.

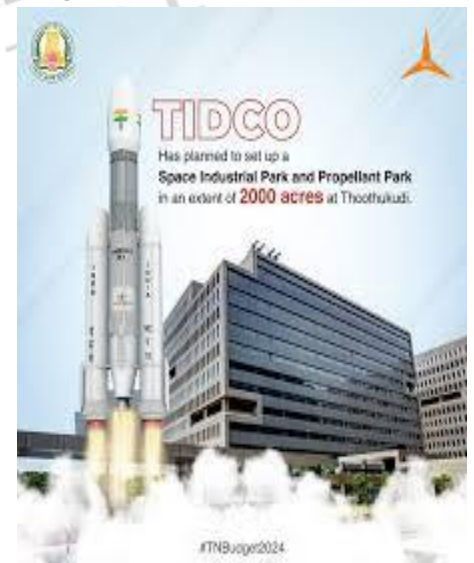


- The mission structure helps the State align long-term sustainability goals with district-level climate risks.
- Tamil Nadu released its **Greenhouse Gas Inventory** detailing emissions for 2019. The State accounted for around **7% of India's total emissions**, reflecting its industrial and energy-heavy profile. The data-driven approach aids in targeted decarbonisation.

Tidco Space Propellant Park Near Kulasekarapattinam Launch Centre

Tamil Nadu is advancing its space ecosystem through a dedicated TIDCO Space Propellant Park near the upcoming ISRO launch site at Kulasekarapattinam.

- The project aims to strengthen India's small-satellite launch capabilities. The new industrial zone is designed to host firms working on propellants, space-grade materials, and precision components.
- The launch complex at Kulasekarapattinam allows **direct southward trajectories over the sea**, eliminating the need for route deviation. This single change significantly improves mission efficiency.
- It also removes the **fuel-heavy dogleg manoeuvre** required at Sriharikota, saving propellant and increasing payload capacity.
- Missions launching from this site are expected to see nearly **30% reduction** in overall operational cost.
- This is especially beneficial for the **Small Satellite Launch Vehicle (SSLV)** segment, which focuses on rapid, low-cost access to space. Lower cost margins can attract commercial and global customers to Tamil Nadu's space economy.



Naan Mudhalvan Healthcare Skills Push

- Tamil Nadu has expanded the **Naan Mudhalvan** initiative to cover **Nursing and Allied Health Sciences**.
- The aim is to strengthen employability in the fast-growing healthcare sector. The government plans to align training with the needs of modern hospitals.
- Students will now receive specialised training in **communication skills** and **digital skills**. These areas are essential for accurate patient interaction and smooth coordination in hospital environments.
- The enhanced training helps students adapt to global healthcare standards. The programme aims to strengthen students' ability to interact confidently with doctors, patients, and international medical staff.
- Tamil Nadu is a major **medical tourism hub**, attracting lakhs of foreign patients every year. Improved soft skills and digital literacy can significantly increase global employment prospects.



Chennai port to procure its first green tug to cut down on emissions

Under the Green Tug Transition Programme, diesel-powered tugs at major ports across the country will be phased out and replaced with those that run on ammonia, hydrogen, or methanol

- The **Chennai Port Authority** has begun procuring its first **green tug** as part of its **emission-reduction measures**. Currently, the port operates three **diesel-powered tugs** that assist in manoeuvring ships and other **marine operations**.
- The move aligns with global efforts to reduce **carbon** and **nitrogen emissions** from port activities.
- The port's Green Tug Transition Programme focuses on replacing conventional diesel tugs with more environmentally friendly alternatives.



- The proposed green tug will feature a **pulling power of 60 tonnes**. It is designed to use **ammonia, hydrogen, or methanol** as fuel, marking a shift from traditional diesel propulsion.

Global Sports City at Semmancheri

- The Semmancheri campus in Chennai has been earmarked by the Government of Tamil Nadu for a major multi-sport infrastructure investment.
- With a fresh sanction of **₹261 crore**, the facility is now set to become the flagship “Global Sports City”.
- The funding was formally approved via a government order issued on October 27 2025 by the Youth Welfare & Sports Department.
- The aim is to elevate Chennai into a major hub for national and international sporting events.
- Facility plans include a FIFA-standard football field, arenas for shooting, archery, skateboarding, aquatics, a large water-sports lake plus rain-water conservation infrastructure.
- A detailed techno-economic feasibility report prepared by top consultants underpinned the project design and cost-estimates.



T.N. CM Stalin inaugurates memorial for freedom fighter Maaveeran Pollan in Erode district

Mr. Stalin, while addressing at a government function in Erode district, said internal reservation uplifted Arunthathiyar community

- The **Tamil Nadu Chief Minister** inaugurated a newly built memorial hall along with a statue dedicated to **Maaveeran Pollan** at Jayaramapuram in Modakkurichi taluk of Erode district.
- The memorial highlights the valour and sacrifice of one of Tamil Nadu’s lesser-known freedom fighters. This initiative



strengthens ongoing efforts to preserve the region's resistance history.

- **Maaveeran Pollan** served as a trusted commander under **Theeran Chinnamalai**, a prominent leader who led major revolts against British dominance in western Tamil Nadu.
- Pollan played an important role in several local resistance campaigns during the late 18th and early 19th centuries.
- His contributions remain preserved mainly through oral histories and local traditions.

U Turn Model Innovator of Tamil Nadu

- **G Manuneethi**, a civil engineer from **Theni**, has become widely recognized for reshaping traffic movement in Tamil Nadu.
- His practical, ground-level innovations earned him the popular title **U Turn Man**. His work focuses on providing smoother mobility in busy urban areas. Manuneethi's approach is rooted in simplicity.
- He applies low-cost engineering ideas to reduce congestion and avoid heavy infrastructure spending.
- His designs gained attention as cities looked for affordable ways to manage growing traffic volumes.



Tamil Nadu's deceased donor count reaches 240

Official data show a total of 1,128 deceased donors were recorded in the country in 2024, of which 80% came from five States - Tamil Nadu (268), Telangana (188), Maharashtra (172), Karnataka (162) and Gujarat (119)

- Tamil Nadu continued to lead the country in deceased organ donation in **2024**, achieving a remarkable milestone with **268 deceased donors**, the highest ever recorded by the State. This performance reflects the State's long-standing commitment to strengthening healthcare systems and public awareness on cadaver donation.
- The steady improvement also highlights the collaborative work of hospitals, NGOs, and government authorities. India recorded **1,128 deceased donors** in 2024, and Tamil Nadu alone contributed **268**, reinforcing its leadership in organ donation.
- Along with Tamil Nadu, **Telangana (188)**, **Maharashtra (172)**, **Karnataka (162)**, and **Gujarat (119)** accounted for nearly **80%** of the nation's deceased donors. This distribution shows how certain States have built effective mechanisms, while many others still face challenges in scaling up donation systems.

Registering an upturn

The table shows the number of donors in the State since the start of the Deceased Donor Organ Transplantation Programme

Year	Donors			Year	Donors		
	Govt.	Private	Total		Govt.	Private	Total
2008	-	7	7	2017	28	131	160
2009	9	50	59	2018	27	113	140
2010	29	58	87	2019	22	105	127
2011	19	53	70	2020	5	90	95
2012	19	64	83	2021	5	35	40
2013	18	112	130	2022	53	105	156
2014	19	116	135	2023	13	37	50
2015	34	143	155	(Jan-April)			
2016	27	158	185				

The table shows the government hospitals that had the most number of donors from January to December 2022

Hospital	Donors
Rajiv Gandhi Government General Hospital, Chennai	18
Government Rajaji Hospital, Madurai	5
Mahatma Gandhi Memorial Hospital, Tiruchi	3
Government Mohan Kumaramangalam Medical College Hospital, Salem	3
Government Kilpaik Medical College Hospital, Chennai	4

Source: Transplant Authority of Tamil Nadu

Tamil Nadu Technical Textiles Mission

- The **Tamil Nadu Technical Textiles Mission** is a five-year initiative designed to strengthen the State's position in advanced textile manufacturing.
- It has been launched with a budget of **₹15 crore**, focusing on boosting innovation and industry readiness.
- The Mission aims to build a strong ecosystem by connecting manufacturers, consultants, and investors. Entrepreneurs can receive guidance from approved consultants under a structured support system.
- The Mission offers reimbursement of **₹50 lakh or 50%** of consultation fees, whichever is lower. This encourages new players to invest in technical textiles and adopt advanced production methods.

NATIONAL

India emerged as the world's 6th largest patent filer

India has now emerged as the world's 6th largest patent filer with over 64,000 patents, out of which more than 55% are by resident Indian innovators, a sharp departure from the earlier trend of innovators depending on foreign institutions for research, mentorship, and project completion

- The most notable part of this surge is that over 55% of these filings come from resident innovators, signaling a deeper transformation in India's domestic research and technology environment.
- This rise reflects long-term structural changes. A rapidly expanding start-up ecosystem and government-backed programs such as Start-Up India have strengthened the innovation pipeline.
- These programs bring financial assistance, incubation support, and networks that help convert ideas into patentable solutions.
- Skill-based learning programs have also widened the participation pool by enabling innovators even without advanced degrees to file patents.



Government Grants GI Tag to Traditional Lepcha Musical Instruments

- The Government of India granted Geographical Indication (GI) registration for two traditional Lepcha musical instruments – Tungbuk and Pumtong Pulit – giving a major cultural boost to the Lepcha community of Sikkim.
- They were officially registered under the Musical Instrument category of the Geographical Indication Registry, Government of India, on the 5th of November.
- The GI registration certificates were formally presented yesterday during the 1st Tribal Business Conclave held in



New Delhi organised by the Ministries of Culture, Tribal Affairs, and Commerce & Industry.

- The Tungbuk is a three-string instrument, while the Puntong Pulit is a bamboo flute. Both are integral to Lepcha folk music and hold deep cultural and spiritual significance.
- Ugen Palzor Lepcha and Namgyal Lepcha, who had submitted the GI tag applications for the Sikkim Lepcha Tungbuk and Sikkim Lepcha Puntong Pulit respectively, received the certificates at the event.

Milky White Heritage of Ambaji Marble Shines Globally

“Ambaji marble is known for its unique shine and beauty, and it has been especially used in the construction of religious sites for many years”

- Ambaji Marble has gained global attention after receiving the prestigious **Geographical Indication (GI) tag** issued by the DPIIT under the Union Ministry of Commerce and Industry.
- This recognition safeguards its identity as a rare and high-value marble sourced exclusively from **Banaskantha district** in north Gujarat. The GI certification strengthens its authenticity and enhances its role in India’s cultural and economic ecosystem.
- Ambaji Marble has a legacy that stretches back nearly **1,200-1,500 years**, linking it to India’s historic temple architecture.
- The mines supplying this marble are associated with the era when the famous **Dilwara Jain Temples** of Mount Abu were constructed.
- These temples are globally admired for their unmatched craftsmanship and intricate marble carvings, reinforcing the stone’s ancient prestige.



Digital Personal Data Protection (DPDP) Rules, 2025

The Government of India notified the Digital Personal Data Protection (DPDP) Rules, 2025 on 14 November 2025. This marks the full operationalisation of

the Digital Personal Data Protection Act, 2023 (DPDP Act). Together, the Act and the Rules form a clear and citizen-centred framework for the responsible use of digital personal data. They place equal weight on individual rights and lawful data processing.

- The government has officially enforced the **Digital Personal Data Protection (DPDP) Rules, 2025**, completing the operational rollout of the DPDP Act, 2023. These rules are a major milestone in strengthening India's digital privacy landscape.
- They also align with the Supreme Court's landmark 2017 **K.S. Puttaswamy judgment**, which upheld the **right to privacy** as a fundamental right.
- The DPDP Act creates a structured framework governing the collection, storage and use of **digital personal data**.
- It applies to data collected in **digital form**, including data initially collected offline and later digitized.
- It also covers data processing outside India when such processing relates to offering **goods or services in India**.



Prime Minister urges 10-Year national pledge to shed Colonial Mindset rooted in Macaulay's Legacy

- The Prime Minister's call for a **10-year national pledge** underscores the need to consciously overcome the deep colonial imprint that shaped India's institutions and thinking.
- This mindset traces back to **1835**, when British MP **Thomas Babington Macaulay** advocated replacing India's traditional education system with English-based learning.
- His **Minute on Education** prioritised English over Sanskrit, Hindi, Arabic, and other Oriental languages. Mahatma Gandhi famously remarked that India's ancient education system was "a **beautiful tree** that was uprooted," capturing the scale of cultural disruption.



- Language became one of the strongest carriers of the colonial imprint. The dominance of **English in courts, universities, and administration** reinforced it as a symbol of aspiration. For many non-English-speaking citizens, this created barriers to access and inclusion.

National Action Plan on AMR 2025-29

- India has unveiled a strengthened strategy to contain the rising threat of **antimicrobial resistance (AMR)** through the launch of the **National Action Plan on AMR 2025-29**.
- Released in New Delhi during **World AMR Awareness Week**, the plan signals a renewed national commitment to preserving the effectiveness of life-saving antimicrobials.
- It updates the earlier framework introduced in 2017 and integrates broader national and global lessons. The updated plan adopts a deeper **One Health** approach linking human, animal, agricultural and environmental sectors. Over **20 ministries** have been assigned coordinated roles with defined budgets and timelines.
- This effort aims to eliminate the implementation gaps seen in earlier years, especially around accountability, intersectoral communication and data sharing. AMR continues to threaten routine surgeries, maternal care and cancer treatment by reducing the efficacy of essential drugs.
- Overuse and misuse of antibiotics across hospitals, farms and food systems have accelerated the emergence of resistant pathogens.
- The new plan emphasises tackling these systemic drivers through stricter regulation and improved stewardship practices. It highlights the risk that by 2050, AMR could lead to millions of global deaths if unchecked.



CAG Sets Up Centre of Excellence for Financial Audit in Hyderabad

- The Comptroller and Auditor General of India (CAG) announced on 19 November 2025 the establishment of a new national hub – the Centre of Excellence for Financial Audit in Hyderabad.
- The centre is envisioned as a major institutional investment to enhance audit capabilities across India’s public-finance system.
- The centre will act as an incubator for **global best practices** in financial auditing, adapting them for Indian conditions.
- It will emphasise **professional development** for auditors, support **research**, and drive the **standardisation of audit methodologies** across the department.
- A central shift is towards **data-driven auditing**: moving away from sample-based checks to comprehensive dataset analysis using **artificial intelligence (AI)** and advanced analytics. The accounts offices are now seen as repositories of detailed financial information (vouchers, sanctions, challans) rather than just formalities.
- Another dimension is integrating **Environmental, Social and Governance (ESG)** criteria into audit processes – reflecting modern accountability demands beyond traditional financial oversight.



India’s First National Coral Reef Research Centre

- India is establishing its first dedicated centre for coral ecosystem research in the Andaman and Nicobar Islands.
- The **National Coral Reef Research Institute (NCRRI)** marks a significant boost to national efforts in marine conservation and climate adaptation.
- The institution positions India to better understand fragile reef systems and improve long-term coastal protection strategies.

- The NCRRI is being set up at **Chidiyatapu in South Andaman** with an estimated cost of **₹120 crore**.
- It will function as the country's primary nodal hub for reef monitoring, ecosystem modelling, and scientific collaboration. The centre will work under the **Ministry of Environment, Forest and Climate Change**, enabling coordinated conservation planning across India's coastal states.



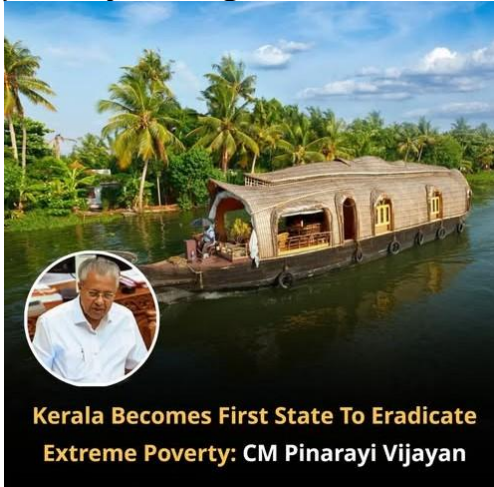
Cyclone Ditwah

- Cyclone **Ditwah** emerged as a significant tropical disturbance affecting **Sri Lanka** and parts of **Southern India**.
- Its formation over warm ocean waters and rapid intensification highlighted the rising trend of cyclonic activity in the Indian Ocean.
- Short bursts of intense rainfall and strong winds disrupted transport, agriculture, and essential services across multiple districts.
- India launched **Operation Sagar Bandhu** as a humanitarian assistance mission to support Sri Lanka following the cyclone's impact.
- The operation focused on emergency supplies, technical support, and disaster relief measures from the Indian Navy and associated agencies.
- Cyclone Ditwah is a **tropical cyclone**, a term used by the **World Meteorological Organization** when wind speeds cross the **gale force threshold of 63 kph**. Its structure involved a well-defined **low-pressure system** and organized convection, which intensified wind circulation.
- The name **Ditwah** was contributed by **Yemen**, following the regional cyclone naming conventions of the **WMO/ESCAP panel**.

STATE

Kerala becomes first state in India to eradicate extreme poverty

- Kerala, long celebrated as a model for India in education and social progress, is now making history once again.
- The state has reached a decisive moment by successfully eliminating *extreme poverty* – a goal envisioned and implemented through the Extreme Poverty Eradication Project, announced in 2021 by the second Cabinet led by Chief Minister Shri Pinarayi Vijayan.



Through the Extreme Poverty Eradication Project, announced in 2021 by the second Cabinet led by Chief Minister Shri Pinarayi Vijayan.

- Through a comprehensive poverty identification process carried out by Local Self-Government Institutions (LSGIs), 64,006 extremely poor families were identified across the state. Individual micro-plans were then prepared for each family.
- Under the leadership of the Local Self-Government Department, and with the coordinated efforts of local bodies, various government departments, missions, voluntary organizations, and the active participation of the people, Kerala ensured food security, healthcare, livelihood opportunities, and safe housing, enabling these families to lead a life of dignity

Pink Saheli Card

- The Pink Saheli Card, launched by the Delhi government in late 2025 under Chief Minister Rekha Gupta's visionary leadership, is revolutionizing urban commuting for women and transgender residents across the capital.

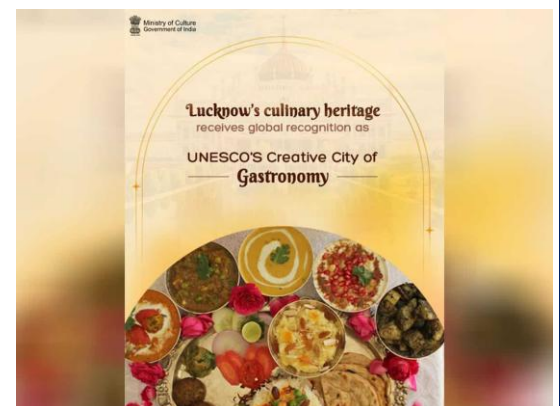
- The **Delhi Government** introduced the **Pink Saheli Smart Card** on **November 2, 2025**, enabling **free travel for women and transgender commuters in Delhi Transport Corporation (DTC) and cluster buses.**
- This digital initiative marks a step forward in promoting **safety, accessibility, and inclusivity** in the city's public transport network.
- Chief Minister **Rekha Gupta** highlighted that the **Pink Saheli Smart Card** reflects the government's commitment to **gender equality and empowerment.**
- The card is available to **women and transgender individuals aged 12 years and above**, ensuring free and convenient mobility across the city. By eliminating travel expenses, the government aims to support **working women and students**, promoting greater participation in economic and educational activities.



Lucknow enters UNESCO list as 'Creative City of Gastronomy'

Global recognition celebrates the city's centuries-old Awadhi cuisine, living food traditions and inclusive cultural heritage

- Lucknow has earned the prestigious title of **UNESCO City of Gastronomy 2025**, honouring its timeless **Awadhi cuisine** and deep-rooted cultural legacy.
- The announcement was made at the **43rd UNESCO General Conference** held in **Samarkand, Uzbekistan**, where the city's rich food culture and innovation were recognised globally.



Gujarat has become the first Indian state to launch a genome sequencing project

- The initiative addresses high prevalence of inherited disorders caused by endogamous marriages, which reduce genetic diversity.
- Common conditions among tribal groups include **sickle cell anaemia, thalassemia,** and G6PD deficiency.
- Late diagnosis of these diseases often complicates treatment and increases healthcare costs. The **Gujarat Biotechnology Research Centre (GBRC)** leads the project under the broader **Genome India Project**. Over 4,000 biological samples will be collected, with complete genome sequencing of 2,000 individuals across 17 districts.
- Sequencing identifies gene mutations causing hereditary diseases, enables early diagnosis through targeted DNA panels, and supports genetic counselling for families.



Mumbai Leads Asia in Happiness 2025

- Mumbai, India's financial and entertainment hub, has been ranked as Asia's happiest city in 2025 by the latest Time Out survey.
- The study surveyed over 18,000 residents across Asia, assessing culture, food, nightlife, and quality of life.
- Despite its crowded streets and busy pace, Mumbai's unique charm and vibrant social fabric have elevated it to the top position.
- About 94% of Mumbai residents report that the city brings them joy.
- This makes it the leading city in the survey across happiness metrics.
- Residents cite daily life experiences and the thriving entertainment sector as primary contributors.



Goa Becomes India's First State with 100% Cyber Fraud Response System

- Goa has become the **first state in India** to achieve a **100 percent response rate** for cyber fraud calls. The introduction of a cloud-enabled **1930 call centre** ensures every citizen complaint receives attention without delay.
- The system operates **24×7** with nine trained personnel handling calls.
- It automatically captures **caller information** such as name, phone number, and time of call.
- The upgraded recording mechanism improves voice clarity and enables comprehensive documentation. The call centre follows a quality review model similar to private-sector service units. Supervisors routinely check call recordings, ensuring courtesy and accuracy.
- Senior officers can also monitor **live calls**, and the system supports conference calling for coordinated response.



TB-Free Milestone Reached in Ganjam District

- Ganjam district in Odisha has achieved a significant milestone by declaring **165 gram panchayats as tuberculosis-free**.
- This marks a crucial step toward India's national goal of **eliminating TB by 2027**, driven through community-based public health models.
- The recognition strengthens the district's position as a leading performer in TB control. District authorities organised a felicitation ceremony in **Berhampur**, honouring local representatives for meeting the national requirements for TB-free certification.
- Officials highlighted the commitment of **panchayat leaders**, frontline workers and volunteers who ensured active community participation. Their involvement has improved screening, awareness, and treatment adherence across the district.



Arunachal Dao Secures Geographical Indication Recognition

- The **Arunachal Dao** is a hand-forged blade that represents the cultural spirit of multiple tribal communities of **Arunachal Pradesh**.
- It is used for daily activities, ceremonial functions, and as a symbol of honor. The **GI tag** formally acknowledges this blade as a unique craft rooted in its geographical origin.
- The recognition safeguards centuries-old knowledge of metalwork transferred through generations.
- It strengthens the identity of traditional blacksmithing clans who design daos in various shapes linked to specific tribes.
- A **Geographical Indication** protects products that are exclusively connected with a particular region. The certification prevents unauthorized manufacturing, misuse of identity, and mass-produced imitations



Amaravati Becomes India's First Integrated Financial City

- Amaravati has been officially recognised as India's first **Integrated Financial City**, marking a major shift in the country's economic landscape.
- The announcement was made by **Nirmala Sitharaman** during her visit to the capital region, alongside **Chandrababu Naidu**, highlighting a renewed push for large-scale financial infrastructure.
- A key objective of the project is to bring major public sector financial institutions into a single planned ecosystem.
- Many nationalised banks have already begun construction of modern campuses designed specifically for a greenfield capital city.



SCHEMES

National One Health Mission

The Union Government is set to launch the National One Health Mission, approved by the Prime Minister's Science, Technology, and Innovation Advisory Council (PM-STIAC).

- The mission aims to create a unified framework that connects human, animal, and environmental health to strengthen pandemic preparedness and disease control systems across India.
- The mission's vision is to build an integrated disease control system that aligns with the "One Health" approach. It focuses on better health outcomes, increased productivity, and conservation of biodiversity through intersectoral collaboration.
- The mission will promote synergy among healthcare institutions, veterinary services, and environmental agencies to minimize cross-sectoral health risks.
- The Indian Council of Medical Research (ICMR) serves as the implementing agency for this mission. The National Institute of One Health, Nagpur will act as the anchor institution, coordinating multi-sectoral efforts for disease prevention, early detection, and rapid response.



T.N. CM Stalin launches free meal scheme for Chennai Corporation sanitation workers

The scheme will be extended to other corporations and municipalities from December 6.

- Tamil Nadu Chief Minister M.K. Stalin on Saturday (November 15, 2025) launched a free meal scheme for sanitation workers of the Greater Chennai Corporation (GCC) and made a slew of announcements, including that the meal scheme would be expanded to all corporations and municipalities from December 6.

- The **Chief Minister's Meal Scheme**, launched on **November 15, 2025**, marks a major step in ensuring nutritional security for workers who maintain essential public hygiene in urban spaces.
- This is the first scheme in India to provide **three free meals a day** exclusively for sanitation staff. The scheme was inaugurated for the **Greater Chennai Corporation (GCC)**, one of India's oldest municipal bodies founded in **1688**.
- The initiative specifically benefits thousands of sanitation workers who perform demanding tasks across Chennai's streets, markets, and public spaces.
- The launch event highlighted the government's commitment to improving welfare frameworks for essential service workers.



Nayi Chetna 4.0

- Nayi Chetna 4.0 is a month-long national campaign launched by the Ministry of Rural Development (MoRD) under the umbrella of Deendayal Antyodaya Yojana – National Rural Livelihoods Mission (DAY-NRLM).
- The campaign seeks to mobilise Self Help Groups (SHGs) across rural India. Its core objective is to promote gender equality, women's safety, dignity, economic empowerment and community-led action against gender-based violence.
- A vital component of Nayi Chetna 4.0 is ensuring **safe mobility** for rural women.
- This includes enabling access to public transport and safe passage in rural areas. Safe mobility empowers women to move freely for work, education, healthcare or social engagement – reinforcing their individual dignity and choice.



COURT VERDICT

Supreme Court orders removal of stray dogs from schools, hospitals, other public institutions

Court directs neutering and vaccination of dogs before relocating them to a shelter; it says public institutions must be secured to prevent entry of animals, orders removal of cattle from highways

- The Supreme Court of India has issued significant directions to ensure public safety and reduce the increasing threat of stray dog attacks in key public spaces. The Court observed that the issue is not only a public health challenge but also a matter of human safety under Article 21 of the Constitution, which guarantees the Right to Life.
-
- The Court ordered that every educational institution, hospital, and transport hub must appoint a nodal officer for the surveillance and upkeep of the premises. The District Magistrate of each district will ensure that such places are properly secured with boundary walls, gates, and fencing.
- It also directed local municipal authorities and panchayats to conduct inspections every three months to monitor stray dog activities. Furthermore, all government and private hospitals must maintain a mandatory stock of anti-rabies vaccines and immunoglobulin at all times.



Supreme Court affirms no timelines on President and Governors for Bill Assent Decisions

- A **5-Judge Constitution Bench** of the Supreme Court delivered a landmark opinion in the **16th Presidential Reference (2025)**.
- The Court clarified that the **judiciary cannot impose strict timelines** on decisions by the **President and Governors** regarding assent to Bills under **Articles 200 and 201** of the Constitution.

- This reference was sought under **Article 143**, which empowers the **President of India** to seek the advisory opinion of the Supreme Court on **significant legal or factual questions**.
- Earlier in April 2025, the Supreme Court had suggested **specific time-limits** for constitutional authorities when dealing with state legislation. The Union Government expressed concerns over its long-term impact on federal relations and sought clarity through the **Presidential Reference**.



Supreme Court calls for uniform national mechanism for organ transplantation, after-care

Bench refers to how organ donors, many a time, were left in the lurch following transplantations without any follow-up medical care

- **Organ transplantation** is a surgical procedure where a failing or damaged organ is replaced with a healthy organ from a donor.
- It remains a critical intervention for patients with end-stage organ failure. The **Supreme Court (SC)** recently directed the **Centre** to formulate a **Uniform National Policy** for organ transplantation.
- The decision was prompted by delays caused due to the absence of a consolidated national database for donors and recipients. The SC highlighted several important measures to improve organ transplantation efficiency:
- The SC instructed the Centre to develop a **model allocation criteria** that mitigates **gender and caste bias** and ends **state-wise discrepancies**. This aims to ensure fair and transparent organ allocation across India.



Menstrual Support Through Public Distribution System

- The Madras High Court issued a direction to the Tamil Nadu Government after a PIL demanded the distribution of sanitary pads through the Public Distribution System (PDS).
- The plea highlights that many women in India still struggle to access hygienic menstrual products due to financial limitations.
- **Period poverty** refers to the lack of access to sanitary products and menstrual hygiene facilities. Many women are forced to use unhygienic materials such as rags, tissues, newspapers, or leaves.
- This can lead to infections and long-term health issues.



INTERNATIONAL

World Marks First Cervical Cancer Elimination Day

- The world observed the first-ever World Cervical Cancer Elimination Day, marking a decisive step in the global effort to end one of the most preventable cancers affecting women.
- Health experts and organisations, led by the World Health Organisation (WHO), stressed the importance of HPV vaccination, regular screening, and early detection in reducing cervical cancer cases and deaths worldwide.
- The World Health Assembly has designated this day to strengthen the worldwide campaign against cervical cancer. The WHO highlighted that the event represents a historic milestone, encouraging governments to intensify vaccination drives and expand screening services.
- With millions of women still lacking access to preventive healthcare, this initiative aims to build momentum toward eliminating the disease as a public health threat.



Global Digital Violence Threatens Women and Girls

- UN Women warns that 44% of the world's women and girls lack legal protection against digital violence.
- Online abuse is rapidly evolving due to AI-powered impersonation, anonymity, and insufficient global laws. Women are facing targeted attacks that violate their rights, freedoms, and dignity.
- Digital violence includes acts of harassment, defamation, stalking, threats, and non-consensual intimate image distribution. It can cause physical, psychological, economic, and even political harm.

Michelle Bachelet Honored with Global Peace Recognition

- **Michelle Bachelet**, the first woman President of **Chile**, has been awarded the **Indira Gandhi Prize for Peace, Disarmament and Development 2024**. The award ceremony was held in **New Delhi** and presented by **Sonia Gandhi**.
- This recognition celebrates her outstanding contributions toward **human rights, gender justice**, and global peace-building efforts. Bachelet served as **UN High Commissioner for Human Rights (2018–2022)**. During this role, she consistently supported democratic freedoms, minority rights, and accountability for state actions. Her work emphasized protecting civil liberties worldwide.
- She earlier became the **first Director of UN Women in 2010**, reinforcing equality reforms globally. Her tenure highlighted the importance of women’s safety, political participation, and wage parity.



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INDIA & OTHER COUNTRIES

India Reopens Tourist Visa for Chinese Citizens After Five-Year Freeze

- India suspended tourist visas for Chinese citizens in **2020** after **border tensions in eastern Ladakh** and the global spread of **COVID-19**. This resulted in a halt in people-to-people exchanges and tourism flow.
- Direct commercial flights were also restricted, further limiting movement between the two countries.
- Tourist visa issuance restarted **from July 24, 2025**, marking a cautious reset in bilateral engagement. It aligns with efforts by both countries to stabilize ties through **diplomatic and trade discussions**. The reopening follows the restoration of **direct passenger flights** earlier in 2025.



CONFERENCES & SUMMITS

International Green Hydrogen Conference 2025 in New Delhi

The Ministry of New and Renewable Energy (MNRE) will organize the International Conference on Green Hydrogen-2025 in New Delhi on 11-12 November 2025.

- The conference represents a major step in India's effort to accelerate its **clean energy transformation** and establish global leadership in the **green hydrogen economy**.
- The event will explore practical ways to **scale up green hydrogen production** and promote investment in **infrastructure, technology, and demand creation**. Key topics include **financing models, hydrogen certification, port readiness for exports, skill development, and technology localisation**.
- Ministers from **Energy, Petroleum & Natural Gas, and Earth Sciences** will attend, reflecting the **cross-sectoral importance** of green hydrogen in India's long-term energy policy.

18th Urban Mobility India Conference 2025

The 18th Urban Mobility India Conference & Exhibition - organised by the Ministry of Housing & Urban Affairs (MoHUA) - was held from 7 to 9 November 2025 at the Hotel Hyatt Regency in Gurugram, Haryana.

- The theme of the conference was **Urban Development and Mobility Nexus**, highlighting the inter-linkage between urban growth and transport infrastructure.

- The three-day event featured one conclave session, two plenary sessions, eight technical sessions, eight round table discussions, and eight research symposia with more than **1,600 delegates** from eight countries and over 170 speakers.
- The exhibition area included 25 exhibitors showcasing innovations in **urban mobility solutions** and digital transport technologies.



India's Global Big Cats Summit 2026

- India will host the **Global Big Cats Summit** in **New Delhi** in 2026, marking a major milestone in international wildlife diplomacy.
- The announcement was made by **Union Environment Minister Bhupender Yadav** during the ministerial session of the **International Big Cat Alliance (IBCA)** in Brazil.
- This summit positions India as a global leader in biodiversity protection and climate-aligned conservation efforts.
- It brings international attention to India's progress in safeguarding major predator species and restoring ecological landscapes. The summit is designed as a collaborative platform for countries that host or protect big cat species. It will bring together wildlife experts, conservation ministries, research institutions, and climate security stakeholders from across the world.
- Its goal is to strengthen partnerships and enhance global strategies for conserving seven globally significant big cat species – **tiger, lion, leopard, snow leopard, jaguar, cheetah, and puma.**



India's Push Against Terrorism at Johannesburg G20 Summit

- India has confirmed that **Prime Minister Narendra Modi** will attend the **G20 Leaders' Summit** in **Johannesburg** from **21-23 November 2025**.

- The delegation aims to integrate **terrorism concerns** into the global economic narrative addressed at the summit. India seeks assertive wording in the Joint Declaration against **terrorism in all its forms**.
- While G20 traditionally focuses on economic recovery and sustainability, India argues that **security threats directly impact economies**.
- Terrorism disrupts supply chains, markets, and investments. Hence, New Delhi insists that **economic security** and **national security** must be discussed together.



India's Renewed Position in UNESCO Leadership

- India has been re-elected to the **UNESCO Executive Board for the 2025-29 term**, reaffirming its leadership in shaping global policies on **education, culture, science, and communication**. This re-election highlights growing international confidence in India's ability to champion inclusive, human-centric multilateral cooperation.
- The **UNESCO Executive Board** is one of the organization's three constitutional organs. It oversees the implementation of decisions taken by the General Conference and helps shape strategic planning.
- India, now among the 58 member states on the Board, will contribute to policy guidance, priority setting, and programme evaluation.

DEFENCE

Pravaig VEER EV- India's First Electric Vehicle Designed for Defence Operations

Pravaig VEER EV, India's first indigenous electric military vehicle, offers stealth, high mobility, and sustainability for defence use. Built under the Atmanirbhar Bharat initiative, it marks a major step toward self-reliance and innovation in India's defence technology.

- India is taking a major stride toward self-reliance in defence technology with the **Pravaig VEER EV**, an all-electric military vehicle developed by **Pravaig Dynamics**, a Bengaluru-based company.
- Designed for the Indian Armed Forces, the VEER EV combines stealth capabilities, high terrain mobility, and quick field-repair readiness, making it a powerful asset for modern military operations.
- VEER EV is engineered for stealth missions and challenging terrains like deserts, mountains, and forests. It recently won the **iDEX (Innovation for Defence Excellence) award** – a recognition given by the Indian government for groundbreaking defence innovations.
- The vehicle's successful military trials earlier this year indicate that it's ready for real-world deployment. This achievement supports **India's Atmanirbhar Bharat (self-reliant India) vision**, reducing dependence on imported defence equipment and boosting indigenous innovation.



The Exercise Malabar 2025

- The Exercise Malabar 2025 is being conducted at Guam in the Northern Pacific Ocean, marking one of the most significant naval engagements of the Quad alliance – India, the United States, Japan, and Australia.
- Representing India, the INS Sahyadri, an advanced stealth-guided missile frigate, has joined the operation, demonstrating India’s growing maritime power in the Indo-Pacific region.
- INS Sahyadri was indigenously designed and constructed under Project 17 (Shivalik-class) by Mazagon Dock Shipbuilders Limited in Mumbai.
- The ship exemplifies India’s Aatmanirbhar Bharat initiative by integrating stealth technologies and advanced weapon systems.
- This frigate has participated in several multilateral operations, including RIMPAC and INDO-PACOM engagements, strengthening India’s position as a responsible maritime power.
- Its presence in Malabar 2025 highlights India’s commitment to self-reliance and its pursuit of maritime interoperability with global partners.



Operation Trishul

- The Indian Army and Indian Air Force jointly carried out a large-scale war exercise titled “Maru Jwala” near Jaisalmer, Rajasthan.
- The 12-day event was part of Operation Trishul, a major demonstration of joint combat readiness along the western frontier.
- The exercise aimed to enhance desert warfare capability, showcasing how coordinated ground–air strikes can neutralize threats effectively in hostile terrain near the Pakistan border.
- “Maru Jwala” simulated precision strikes on enemy positions using both aerial and ground units. Unmanned aerial vehicles (UAVs) identified targets and guided evacuation alerts, followed by armoured assaults using T-90 tanks supported by attack helicopters.



- This marked a significant step in the Indian Army's effort to achieve real-time data integration and network-centric warfare. The coordination between the Army's mechanised units and the Air Force reflected a high degree of interoperability.

DRDO Develops Man-Portable Autonomous Underwater Vehicles

DRDO's NSTL develops next-gen man-portable AUVs for underwater mine detection, equipped with AI, sonar, and acoustic communication for faster, safer naval missions.

- The Defence Research and Development Organisation (DRDO) has developed a new class of **Man-Portable Autonomous Underwater Vehicles (MP-AUVs)**. These systems are designed by the **Naval Science and Technological Laboratory (NSTL)**, Visakhapatnam, and aim to strengthen underwater mine detection capabilities.
- The focus is on achieving faster, safer, and autonomous mine countermeasure missions with minimal human involvement.
- The MP-AUVs are lightweight underwater drones built to be carried and deployed quickly. Their compact design allows easy transportation and rapid mission start.
- They integrate **side scan sonar, underwater cameras, and deep learning-based target recognition** to detect and classify **Mine-Like Objects (MLOs)** with high accuracy. These onboard tools reduce manual effort and provide near real-time threat analysis.



ECONOMY

Rise of Digital Gold in India

- Digital Gold has emerged as a modern investment avenue, allowing investors to buy and hold gold without physical possession. Each unit of digital gold represents a certain quantity of real gold stored securely by partnered vaults. The concept has gained popularity among retail investors due to its accessibility and low entry barriers.
- The Securities and Exchange Board of India (SEBI) recently issued a public advisory cautioning investors against investing in Digital Gold or E-Gold products offered on various online platforms.
- The regulator clarified that these products do not fall under SEBI's jurisdiction, meaning they are not recognized as securities or regulated commodity derivatives.
- This warning follows the rapid expansion of unregulated online gold products being sold through fintech platforms and e-commerce channels. SEBI emphasized that investors face higher risks due to the lack of oversight, dispute mechanisms, and legal protection in these transactions.



Export Promotion Mission

A Unified Framework for Strengthening India's Export Competitiveness

- The **Union Cabinet** has approved the **Export Promotion Mission (EPM)** for a six-year period, creating a unified framework to boost India's export capacity.
- The initiative, announced in the **Union Budget 2025-26**, aims to strengthen India's position amid fast-changing global trade dynamics.
- The mission focuses on making Indian exports more competitive through financial assistance, compliance support, and expanded market access.
- The EPM carries a total financial outlay of **₹25,060 crore** from FY 2025-26 to FY 2030-31.



This long-term design allows consistent growth in trade-related infrastructure and financing channels.

Core Objectives of the Mission

- The mission prioritizes affordable and accessible **trade finance**, especially for **MSMEs** and first-time exporters.
- It also aims to enhance global competitiveness through **quality certification, branding support, and international market integration**.
- Job creation in labour-intensive sectors like **Textiles, Leather, and Gems & Jewellery** forms a key focus.

Sixteenth Finance Commission Report Shapes India's Fiscal Framework for 2026-31

- The **Finance Commission** is a constitutional body established under **Article 280** of the Indian Constitution.
- Its mandate includes recommending how the net proceeds of central taxes be shared between the **Union and States**, and how these proceeds should be allocated among States. It also advises on **grants-in-aid, disaster management funding**, and any other matter referred by the President in its Terms of Reference.

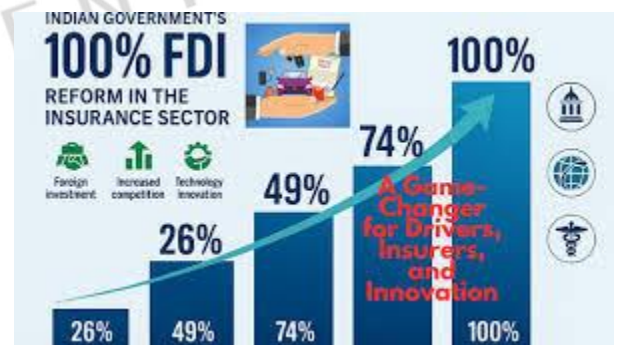
- The **Sixteenth Finance Commission (XVIFC)** was constituted in **2023**. It is chaired by renowned economist **Dr. Arvind Panagariya**, a former Vice-Chairman of NITI Aayog. Other members include **Smt. Annie George Mathew**, **Dr. Manoj Panda**, **Shri T. Rabi Sankar**, and **Dr. Soumyakanti Ghosh**, with **Shri Ritvik Pandey** serving as Secretary. On **17 November 2025**, the XVIFC formally submitted its report to the **President of India**, setting the fiscal roadmap for the award period from **1 April 2026 to 31 March 2031**.



- The report's core recommendations span **vertical devolution** (tax sharing between Union and States) and **horizontal devolution** (among States based on criteria like population, income distance, and area).

Insurance Sector Reforms and 100 % FDI

- The government has introduced the Insurance Laws (Amendment) Bill for the upcoming winter session of Parliament.
- The draft legislation proposes to increase the foreign direct investment cap in the insurance sector from **74 % to 100 %**, signalling a major shift in policy. The bill aims to amend three key pieces of legislation: the Insurance Act, 1928, the Life Insurance Corporation Act, 1956 and the IRDAI Act 1999.
- These amendments are intended to enhance regulatory flexibility, cut procedural bottlenecks, and improve affordability and accessibility of insurance products across India.



Government Releases New Series of National Accounts for GDP 2026

The Ministry of Statistics and Programme Implementation (MoSPI) has announced that a new series of national accounts will be released on **27 February 2026**, adopting fiscal year **2022-23** as the base year. This move replaces the existing base

year of 2011–12 that was set in 2015. The revision aims to reflect structural changes in the economy and updated methodological standards.

Purpose and Rationale

Revising the base year is essential to ensure that key aggregates like Gross Domestic Product (GDP) and Gross Value Added (GVA) accurately mirror contemporary economic realities. The update will:

- Reflect the expansion of the digital services industry and the gig economy.
- Integrate new and improved data sources for the informal and unorganised sectors.
- Align methodologies with international standards like System of National Accounts 2008 (SNA 2008). These changes will enhance the relevance of data used for policy, planning and economic forecasting.

A high-level advisory body, the Advisory Committee on National Account Statistics (ACNAS), chaired by **B. N. Goldar**, has been tasked with steering the revision process. The committee's role includes recommending new data sources, suggesting refined compilation methods, and ensuring improved analytical value of the national accounts.



National Industrial Classification 2025

- The **National Industrial Classification (NIC) 2025** has been released by the **Ministry of Statistics and Programme Implementation (MoSPI)**. It acts as the national reference standard for categorising economic activities across surveys, censuses, national accounts and policy research.
- NIC is a foundational tool used to harmonise data in India's statistical system and align it with international standards for better comparisons and assessments.
- NIC 2025 advances the earlier **NIC 2008** by shifting from a **5-digit** structure to a **6-digit** coding structure. This allows further **granularity**, flexibility and better tracking of evolving economic sectors.

- The number of classes and sub-classes has increased significantly, enabling more detailed representation of activities such as technology-driven services and specialised manufacturing.
- NIC 2025 recognises **AYUSH-based healthcare**, the **handloom sector**, and other traditional industries that are significant to India's cultural and economic identity.
- Sectors such as **renewable energy**, **fintech**, **e-commerce** and digital intermediation have also been included, reflecting India's rapid transformation into a technology-enabled economy.



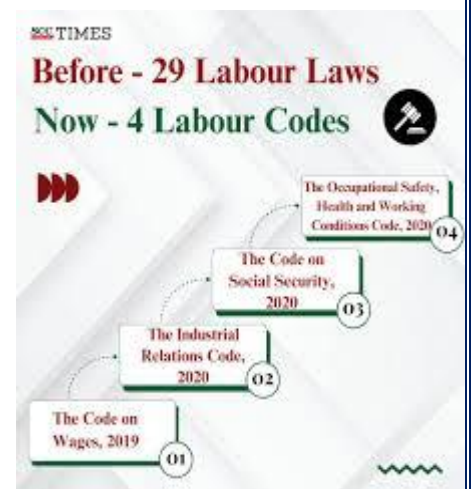
India achieves record food production for 2024-25

- In the agricultural year 2024-25 (July to June), India achieved a total foodgrain output of 357.73 million tonnes, registering an increase of about 7.6 %–8 % over the 332.29 million tonnes recorded in 2023-24.
- Within this, rice production rose to 150.18 million tonnes, while wheat reached 117.94 million tonnes, both marking all-time highs. Coarse cereals grew to approximately 63.92 million tonnes, and pulses jumped to around 25.68 million tonnes.
- Oilseeds too had a strong performance, with an estimated output of 42.98 million tonnes, up from 39.66 million tonnes the previous year.

Labour Reform

- On **21 November 2025** the Government of India put into effect the four consolidated labour codes – the Code on Wages, 2019, Industrial Relations Code, 2020, Code on Social Security, 2020 and Occupational Safety, Health & Working Conditions Code, 2020.
- These supersede and merge 29 earlier central labour laws into a single, streamlined framework for worker protection and industrial governance. To ensure universal access to **minimum wages**, timely payments, and elimination of wage discrimination.

- To bring **social security** to all categories including gig-workers, platform workers, self-employed and migrant workers.
- To establish clearer and faster **industrial-relations mechanisms**, fewer bottlenecks and faster dispute resolution.
- To upgrade **occupational safety and health standards**, mandate annual health check-ups, and harmonise working-conditions across sectors.
- To reduce regulatory fragmentation, ease of compliance, and make India more attractive for investment while protecting workers.



CBDT Launches NUDGE Campaign for Voluntary Tax Compliance

- The **Central Board of Direct Taxes (CBDT)** has introduced the **NUDGE campaign** to promote voluntary and timely correction of income tax filings.
- The initiative uses a non-intrusive, data-driven approach to alert taxpayers about possible gaps in their **foreign asset** and **foreign income** disclosures. This system highlights mismatches detected through pre-identified data, encouraging self-correction before any formal proceedings begin.
- The campaign places strong emphasis on disclosures under **Schedule FA** and **Schedule FSI**, which relate to foreign bank accounts, overseas properties, financial interests, and income earned abroad.
- These categories often face increased global scrutiny due to international information-sharing agreements.



APPOINTMENT

Justice R. Hemalatha in Tamil Nadu Lokayukta

- The government of Tamil Nadu recently appointed **Justice R. Hemalatha**, a retired judge of the **Madras High Court**, as a judicial member of the state's **Lokayukta**. This move adds a senior judicial presence to the anti-corruption body. The appointment aligns with the requirement that Lokayukta benches include judicial members.
- Her role will involve adjudicating complaints against public servants and government officials accused of **maladministration, misuse of power, or corruption**.
- This development reflects the state's commitment to strengthen oversight of public functions and deliver effective grievance redressal.



Justice Surya Kant appointed as 53rd Chief Justice of India

Justice Surya Kant will be the CJI for nearly 15 months, starting from November 24. He will demit office on February 9, 2027 on attaining the age of 65 years.

- Justice **Surya Kant** assumed charge as the **53rd Chief Justice of India** on **24 November 2025** at Rashtrapati Bhavan.
- His tenure will continue until **February 2027**, aligned with the constitutional age limit for the post.
- Born on **10 February 1962** in **Hisar (Haryana)**, he began his legal career in district courts before rising in the Bar and eventually joining the judiciary. His judicial journey includes service at the **Punjab and Haryana High Court**, later leading the **Himachal Pradesh High Court** as Chief Justice in **2018**, and elevation to the **Supreme Court** in **2019**.



Keerthy Suresh UNICEF India advocate for children and mental health

- National Award-winning actor **Keerthy Suresh** has been officially appointed as the **Celebrity Advocate for UNICEF India**.
- Through this prestigious role, she will support national efforts to protect **children's rights** and improve **mental health awareness**
- **s** among young people in the country. Children today face rising stress due to social, academic and digital pressures.
- Keerthy Suresh will work to promote early mental-health support, reduce stigma and encourage open conversations among families and communities. **Mental health** is now considered a key part of a child's holistic development.



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AWARDS

Manohar Parrikar Yuva Scientist Award 2025 Conferred To Dr. Sai Gautam

Yuva Scientist Award 2025 to Sai Gautam Gopalakrishnan: Dr Sai Gautam Gopalakrishnan, associate professor at the Indian Institute of Science (IISc), Bengaluru, has been conferred the Manohar Parrikar Yuva Scientist Award 2025.

- The award recognizes his remarkable research in **computational materials science**, contributing significantly to advancements in India's materials engineering and technology ecosystem.
- Instituted to honour **Manohar Parrikar**, India's former **Defence Minister and Chief Minister of Goa**, this award is one of the country's most prestigious recognitions for young scientists.
- It includes a **cash prize of ₹5 lakh** and a citation, making it the **highest-value award** among national science and technology recognitions.



National Water Awards 2024

- The 6th edition of the National Water Awards (for 2024) marks a major milestone in recognising exemplary efforts in water resource management across India. These awards were announced on 11 November 2025 by Union Minister C.R. Paatil at Shram Shakti Bhawan, New Delhi.
- The formal award ceremony will be held on 18 November 2025 at Vigyan Bhawan, New Delhi, where President Droupadi Murmu will confer the honours.
- The National Water Awards were instituted in 2018 under the Department of Water Resources, River Development & Ganga Rejuvenation (DoWR, RD & GR) within the Ministry of Jal Shakti. Their aim is to encourage individuals, local bodies, institutions, and industries to adopt innovative and effective water-management practices and build a "Jal Samridh Bharat" (Water-Prosperous India).

Bal Sahitya Puraskar 2025

The Bal Sahitya Puraskar 2025 highlights India's commitment to nurturing high-quality children's literature across 24 languages. Announced by the Sahitya Akademi, the awards will be presented on 14 November 2025 at the Triveni Auditorium in New Delhi. This annual tradition reflects India's cultural richness and encourages writers who focus on young readers.

- The Puraskar honours authors from diverse linguistic backgrounds, showcasing India's multilingual strength. Works span genres such as poetry, short stories, novels, plays, and memoirs.
- Winners include Surendra Mohan Das for Assamese, Tridib Kumar Chattopadhyay for Bengali, Nitin Kushalappa MP for English, Kirtida Brahmabhatt for Gujarati, Susheel Shukla for Hindi, Izhar Mubashir for Kashmiri, Sreejith Moothedath for Malayalam, Sangmu Lepcha for Nepali, Vishnupuram Sarvanan for Tamil, Gangisetty Sivakumar for Telugu, and Ghazanfar Iqbal for Urdu.
- A dedicated Awardees' Meet will be held on 15 November 2025 at the Ravindra Bhawan Auditorium, New Delhi.
- Chaired by Kumud Sharma, this gathering offers awardees a platform to share their creative journeys and reflect on their role in shaping children's literature.



Sons of the Soil Awards 2025

Union Minister Sarbananda Sonowal confers Sons of the Soil Awards 2025 to five young achievers and lifetime contributors from Assam, celebrating excellence in diverse fields.

- Five young individuals received the **Emerging Achievers Award** for excellence and innovation. Their work represents the progressive and aspirational face of Assam.
- **Sukrita Baruah** was awarded for her contributions to **Media and Communication**, reflecting Assam's evolving digital and journalistic landscape.
- **Sanghamitra Kalita** was recognised for her entrepreneurial leadership, bringing global exposure to Assamese enterprise.
- In sports, **Isharani Baruah** stood out for her achievements and representation at major competitions. **Himjyoti Talukdar** was honoured for his influence in **Art and Culture**, reflecting Assam's deep-rooted traditions.
- **Dr. Debjani Borah** received recognition for her dedication to **Conservation**, reinforcing the region's environmental priorities.



National Gopal Ratna Awards 2025

The National Gopal Ratna Awards 2025 have been officially announced by the Ministry of Fisheries, Animal Husbandry and Dairying (MoFAHD).

- These awards are among the highest honours in India's livestock and dairy sector, highlighting excellence in cattle management, breeding, and cooperative performance.
- The awards will be presented during **National Milk Day on 26th November 2025**, commemorating **Dr. Verghese Kurien**, the architect of India's milk revolution.
- The awards were instituted in **2021** under the **Rashtriya Gokul Mission (RGM)** to strengthen India's dairy ecosystem.
- Their core objective is to promote scientific, sustainable, and indigenous-focused cattle management practices.
- They also reward outstanding **dairy farmers, cooperative societies, and Artificial Insemination Technicians (AITs)** for improving productivity and genetic quality.



President Murmu Honours Champions of India's Water Conservation Efforts

- On **18 November 2025**, India celebrated a major moment in water governance as **President Droupadi Murmu** presented the **Sixth National Water Awards** and the **Jal Sanchay-Jan Bhagidari** recognitions in **New Delhi**.
- The ceremony highlighted India's ongoing push to encourage scientific, community-driven, and technology-enabled approaches to water conservation. The awards acknowledged institutions, industries, districts, and individuals who demonstrated measurable, innovative practices toward sustainable water management.
- She noted that this traditional understanding must guide present-day water ethics, especially as population growth and climate variability affect the country's hydrological balance.



Ilakkiya Maamani Award 2025

- The Ilakkiya Maamani Award was established in 2021 by the Tamil Development Department of Tamil Nadu. It honours distinguished Tamil scholars under three categories: **Traditional Tamil**, **Research Tamil**, and **Creative Tamil**.

The three recipients are:

- **Gnanasundaram** (Traditional Tamil)
- **Kamarasu** (Research Tamil)
- **Somasundaram "Kalapriya"** (Creative Tamil)



Each scholar received **Rs 5 lakh**, a **gold medal**, and a **citation**.

PERSONALITIES

Ambedkar Bust Unveiled at UNESCO Headquarters Paris

- India commemorated **Constitution Day** with the unveiling of **Dr B.R. Ambedkar's bust** at the **UNESCO Headquarters in Paris**.
- The event marked an important recognition of Ambedkar's global intellectual impact and India's constitutional legacy. The ceremony highlighted how Ambedkar's ideas continue to guide democratic values across the world.
- The unveiling was coordinated by the **Permanent Delegation of India to UNESCO**, reflecting India's diplomatic efforts to honour national icons internationally.
- The bust was inaugurated by **Vishal V Sharma**, India's Ambassador and Permanent Representative to UNESCO.
- Diplomats, UNESCO officials, and the Indian diaspora in France attended the ceremony, strengthening India's cultural presence abroad.



Tamil Nadu government announces police honours for poet Erode Tamilanban's funeral

A Tamil teacher at New College, Chennai, the Sahitya Akademi Award recipient was also a newsreader with Doordarshan

- The poet known by the name Erode Tamilanban belonged to Tamil Nadu and became a central figure in the resurgence of modern Tamil poetry.

- Over decades, he carved a distinct identity blending classical sensibilities with contemporary concerns. His writings reflected deep engagement with philosophical questions, social change, and the rich Tamil heritage.
- Through consistent output, he gained respect among both critics and readers, shaping the contours of modern Tamil verse.
- His celebrated collection of poems, *Vanakkam Valluva*, stood out for re-imagining the verses of the ancient moral classic Tirukkural in poetic form.
- This ambitious effort fused traditional ethical reflections with modern poetic expression. In 2004, this work earned him the prestigious Sahitya Akademi Award. The award brought wider visibility not only to him as a poet but also spotlighted Tamil literature's enduring relevance on the national stage.

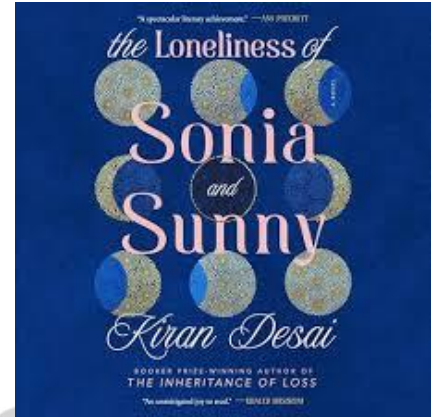


APPALU
STUDY CENTRE

BOOKS & AUTHORS

The Loneliness of Sonia and Sunny

- After nearly two decades since her acclaimed *The Inheritance of Loss*, **Kiran Desai** has returned to the global literary spotlight with her latest novel, *The Loneliness of Sonia and Sunny*, which has been shortlisted for the Booker Prize 2025.
- The novel delves deep into themes of love, displacement, and inheritance, presenting a compelling portrayal of cross-continental lives intertwined by history and emotion.
- *The Loneliness of Sonia and Sunny* reaffirms Kiran Desai's place as one of India's most influential literary voices. It speaks to a generation navigating identity, migration, and memory in an interconnected yet isolating world.
- The novel's Booker Prize 2025 shortlist position not only highlights its artistic achievement but also strengthens India's ongoing presence in international literature.



SCIENCE, TECHNOLOGY & ENVIRONMENT

Bihar's Gogabeel Lake - 94th Ramsar Site of India

India has added another feather to its conservation cap with Gogabeel Lake in Katihar district of Bihar being declared the country's 94th Ramsar Site. This inclusion highlights India's continued commitment to preserving wetlands under the Ramsar Convention on Wetlands of International Importance.

- The lake, an oxbow formation between the **Ganga and Mahananda rivers**, stands as Bihar's **first community reserve**, symbolising the power of local stewardship in environmental protection.
- Gogabeel Lake plays a vital role in maintaining the **ecological balance** of the region. During the monsoon season, it connects with major river systems, providing habitat for **migratory birds, fish species, and aquatic vegetation**.
- Its ecosystem supports biodiversity and acts as a natural sponge against floods. The recognition strengthens Bihar's environmental profile, making it home to **six Ramsar sites**, following **Gokul Jalashay and Udaipur Jheel**.



The Ramsar Convention

The Convention on Wetlands is the intergovernmental treaty that provides the framework for the conservation and wise use of wetlands and their resources.

The Convention was adopted in the Iranian city of Ramsar in 1971 and came into force in 1975. Since then, almost 90% of UN member states, from all the world's geographic regions, have acceded to become "Contracting Parties".

LVM3-M5/CMS-03 MISSION

India's LVM3 launch vehicle has successfully launched the CMS-03 communication satellite in its 5th operational flight (LVM3-M5) on November 02, 2025.

- CMS-03 is a multi-band communication satellite that will provide services over a wide oceanic region including the Indian landmass.
- CMS-03, weighing about 4400kg, will be the heaviest communication satellite to be launched to Geosynchronous Transfer Orbit (GTO) from Indian soil. The previous mission of LVM3 launched the Chandrayaan-3 mission, where in, India became the first country to land successfully near the lunar south pole.
- The launch vehicle has been fully assembled and integrated with the spacecraft and has been moved to the Launch Pad on October 26, 2025 for further pre-launch operations.



National Geo Platform

Survey of India (SoI) is developing a National Geo-Spatial Platform

- Platform will help in implementing the vision of the **National Geospatial Policy, 2022**.
- SoI is overarching nodal agency for Geospatial Data.
- **Geospatial data** is time-based data that is related to a specific location on the Earth's surface.
- **Objective:** To serve as a robust and scalable system for standardizing, sharing, and managing foundational geospatial datasets, and
- It will facilitate seamless access to accurate and authoritative spatial data through web services, APIs, and mobile applications

National Geospatial Policy, 2022

It is a citizen-centric policy based on Geo-Spatial technology, which seeks to strengthen the Geospatial sector to support national development, economic prosperity and a thriving information economy. The policy is aimed to set up high resolution topographical survey and mapping, with a high-accuracy Digital Elevation Model (DEM) by 2030.

India's Climate Justice Push at COP30

The 30th UN Climate Change Conference (COP30) will take place in Belém, Brazil, in 2025 – marking ten years since the historic Paris Agreement.

- Brazil aims to highlight its achievements in reducing deforestation and its ambitious green finance plans.
- The conference theme focuses on translating climate promises into measurable implementation.
- At COP30, Brazil will propose a “**Tropical Forest Forever Fund**”, a multilateral financing mechanism to reward **tropical nations** for conserving forests. This initiative reflects President **Luiz Inácio Lula da Silva**'s vision to make COP30 a “**COP of Implementation**,” ensuring lasting funding commitments instead of short-term pledges.

India's Focus on Equity and Adaptation

- India's delegation will prioritise **equity, adaptation, and technology access** over new emission-cutting obligations. Officials emphasize that **adaptation goals** must align with **national circumstances** and be supported by **adequate finance and capacity-building**.
- India will also seek greater flexibility in shaping the **Global Goal on Adaptation (GGA)** and ensure that **data sovereignty** of developing nations is respected.

NISAR to be declared operational on November 7: ISRO chief

The ISRO chief also said the first uncrewed mission of the Gaganyaan project – India's human spaceflight programme – is expected to take place in January 2026

- According to **ISRO Chairman V. Narayanan**, the mission has completed calibration and validation processes and is ready for full-scale scientific operations.
- NISAR is the world's first satellite equipped with **dual-band radar systems** – the **L-Band radar** developed by



NASA and the **S-Band radar** by ISRO. These radars together allow comprehensive Earth surface analysis, even under cloud cover or during nighttime.

- The **L-Band radar** will track changes in forest density, soil moisture, and ice sheets, while the **S-Band radar** focuses on monitoring agricultural patterns and small vegetation movements.
- Together, they provide near-continuous coverage of global land and ice regions every **12 days**.

Aditya-L1 mission tracks Coronal Mass Ejections (CMEs)

- Aditya-L1 is India's first dedicated solar mission, launched in 2023 by PSLV-C57. It is placed in a halo orbit around Lagrange Point 1 (L1), approximately 1.5 million km from Earth.
- The mission's primary aim is to study Coronal Heating, Solar Wind Acceleration, solar flares, and near-Earth space weather phenomena.
- The mission carries seven payloads, divided into remote sensing and in-situ instruments. Key remote sensing instruments include VELC (Visible Emission Line Coronagraph) and SUI (Solar Ultraviolet Imaging Telescope). In-situ payloads include ASPEX (Aditya Solar wind Particle Experiment), which measures solar wind properties directly.
- Using VELC, scientists from the Indian Institute of Astrophysics (IIA), in collaboration with NASA, conducted the first visible-light spectroscopic observation of a Coronal Mass Ejection (CME).
- CMEs are massive expulsions of plasma and magnetic fields from the Sun's corona, capable of impacting space weather near Earth. The observation has allowed estimation of critical parameters such as plasma density, speed, and magnetic field orientation.



Quantum Diamond Microscopy unveiled at ESTIC can help neuroscience & materials research

- India has entered a new era of scientific advancement with the launch of its first **Quantum Diamond Microscope (QDM)**. Developed by the **P-Quest Group at IIT Bombay**, this milestone was announced at **ESTIC 2025**, reflecting India's growing leadership in **quantum sensing** and advanced diagnostics.
- This achievement marks a major boost to the country's effort to strengthen indigenous quantum technologies.
- The Quantum Diamond Microscope is an advanced device that detects extremely small magnetic fields using **nitrogen-vacancy (NV) centers** embedded in diamond.
- These atomic-scale defects respond to minute magnetic disturbances and present them as measurable optical signals. This allows researchers to study magnetic phenomena that traditional microscopes cannot capture.



India's Accelerated Progress Against Tuberculosis

- India has recorded a significant drop in tuberculosis incidence, marking one of its strongest public health achievements in recent years.
- The **WHO Global TB Report 2025** confirms a **21% reduction** in TB cases since 2015, nearly double the global decline. This trend strengthens India's vision of achieving a **TB-Mukt Bharat** ahead of global timelines.
- The country has reduced TB incidence from **237 to 187 per lakh** between 2015 and 2024. Mortality in **HIV-negative TB cases** has also fallen from **28 to 21 per lakh**, reflecting better access to care.
- Treatment coverage has improved to **92%**, placing India among the best-performing high-burden nations. Missing TB cases have sharply reduced, signalling stronger detection systems nationwide.

Hydrogen Valley Innovation Clusters (HVICs)

India is moving quickly toward a cleaner energy future with the rollout of Hydrogen Valley Innovation Clusters (HVICs). Four clusters are now being developed across the country to showcase the entire green hydrogen value chain. These clusters aim to accelerate technology adoption and bring together industries, research institutions, and government agencies.

- HVICs focus on demonstrating hydrogen production, storage, transportation, and end-use in one integrated ecosystem. They support India's first **large-scale hydrogen demonstration projects**, enabling real-world testing and scalable solutions.
- Such clusters also help reduce costs by localizing technology and infrastructure. These clusters were initially conceptualized by the **Department of Science and Technology**, and are now part of the **National Green Hydrogen Mission (NGHM)**. Launched in 2023, NGHM is India's umbrella programme for building a full green hydrogen ecosystem.
- It aims to produce **5 MMT of green hydrogen annually by 2030**, making India a global hub for clean fuel.



Rise of Hepatitis A Cases in India

India has seen a rise in Hepatitis A-related acute liver failure, especially in regions with poor water quality and sanitation. The disease spreads quickly in crowded urban pockets. Young adults and children are the most affected, but severe cases can occur at any age.

- Hepatitis A is a viral infection that causes inflammation of the liver. It ranges from mild symptoms to severe illness requiring hospitalization. Most people recover completely, but a small number may develop fulminant hepatitis, a rare condition that leads to sudden liver failure.
- The infection spreads primarily through the fecal-oral route. Eating contaminated food, drinking unsafe water, or having direct sexual contact with an infected person are the most common transmission pathways.
- Poor hand hygiene and inadequate sewage systems increase the risk of outbreaks.

Chandrayaan-4

India's lunar roadmap has taken a major leap with Chandrayaan-4 confirmed for a 2028 launch. This mission will attempt a lunar sample-return, making it India's most complex robotic expedition. Only the United States, Russia, and China have achieved this feat before, placing India on track to join a select group of advanced spacefaring nations.

- ISRO has begun designing specialised landing and ascent modules that will work together to transport collected lunar soil back to Earth. This will significantly advance India's capabilities in deep-space navigation, precision landing, and interplanetary material handling.
- ISRO is preparing for a busy launch schedule with seven missions lined up for the current financial year. These include key PSLV and GSLV launches along with a major commercial communication satellite. One major milestone is the arrival of the first PSLV built entirely by Indian industry, showcasing accelerating private-sector integration.
- To meet rising global demand, ISRO plans to triple spacecraft production capacity in the next three years.
- This expansion aligns with the new space reforms that have opened manufacturing, design, and launch services to private entities.



Mahe: Indigenous Anti-submarine Warfare Vessel

India is set to commission Mahe at the Naval Dockyard, Mumbai, marking a significant step forward in indigenous naval shipbuilding and maritime defence preparedness.

- India is set to commission the ASW craft **Mahe** on **November 24**, adding a highly agile platform to strengthen coastal defence.
- The vessel is designed to counter underwater threats in **shallow-water regions**, where rapid detection and action are essential.
- Mahe is equipped with **lightweight torpedoes, anti-submarine rocket systems,** and advanced **radar-sonar sensors**. These systems allow quick identification and



engagement of hostile underwater platforms close to the coastline.

Workplace stress and rising diabetes risk among India's working-age adults

As World Diabetes Day turns attention to "Workplace Stress and Diabetes," clinicians and researchers say the metabolic consequences of chronic job pressure are becoming increasingly visible in younger working populations

- India now has over **10.1 crore diabetics** (ICMR-INDIAB, 2023), and a large share belongs to the **working-age urban population**.
- The steady rise among younger adults reflects shifting work patterns, reduced physical activity, and increased mental pressures. This trend has also widened the overall non-communicable disease burden in the country.
- Chronic workplace stress keeps the body in a prolonged **fight-or-flight** mode, raising **cortisol** and **adrenaline** levels. These hormones interfere with normal glucose metabolism, pushing the body to store excess fat, especially around the abdomen.
- Over time, this accelerates the risk of **insulin resistance**, which is the root cause of Type 2 diabetes.
- Long commuting hours further reduce the time available for rest and exercise. Sedentary work patterns, irregular meal timings, and poor sleep cycles collectively weaken metabolic stability.



India announced a plan to develop a national platform for climate and nature finance

India, along with 13 other developing countries and regions, announced plans to establish country- or region-specific platforms during a ministerial event at COP30 in Belém, Brazil.

- The initiative includes regional bodies such as the African Islands States Climate Commission (AISCC) and participating countries like Cambodia, Colombia, and others.
- Supported through the **Green Climate Fund's (GCF)** Readiness and Preparatory Support Programme.
- **Readiness Programme** supports country-driven initiatives to strengthen their institutional capacities, governance mechanisms, and planning towards a transformational long-term climate action agenda.
- **Purpose:** Strategic, country-driven mechanisms that translate climate priorities into programmatic investment approaches.
 - It will replace a fragmented project approach based climate finance mobilisation.
 - And, provides platform for better coordination between the different public and private, international and local stakeholders



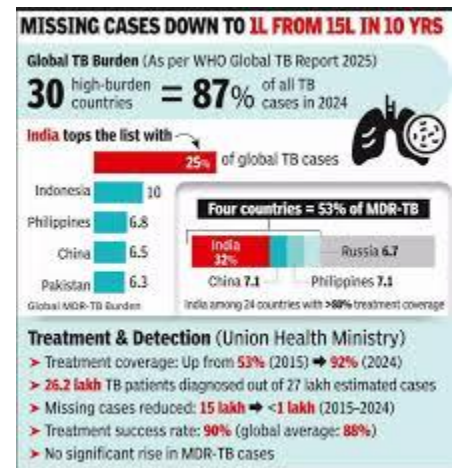
Skyroot Infinity Campus Launch Strengthening India's Space Ambition

- The **2-lakh sq ft Infinity Campus** is designed as a fully integrated facility for orbital-class rockets. It supports processes such as design, assembly and system testing under one roof.
- With the ability to build **one orbital rocket every month**, the campus aligns with global trends where private companies contribute heavily to launch markets.
- Prime Minister **Narendra Modi** is set to virtually inaugurate Skyroot Aerospace's new Infinity Campus on **27 November 2025**, marking a major advancement for India's private space industry.
- The launch reflects India's growing emphasis on empowering private players to enhance national space capabilities.
- The campus is positioned to accelerate the development of launch vehicles that support both commercial and strategic space missions.



India's Steady Decline in Tuberculosis Burden

- Between 2015 and 2024, India achieved a **21% reduction** in the incidence of Tuberculosis (TB). The rate fell from 237 cases per lakh population in 2015 to 187 cases per lakh in 2024.
- Early detection, expanded treatment and improved surveillance systems have been key drivers of this decline. In the same period, TB-related deaths in India decreased by about **25%**, from 28 deaths per lakh in 2015 to 21 deaths per lakh in 2024.
- This decline outpaces the global average incidence reduction (~12%) over the same decade, signalling stronger national momentum.
- Treatment coverage climbed from 53% in 2015 to an impressive 92% in 2024. This expansion means more diagnosed patients access timely care.
- Meanwhile, India's treatment-success rate reached near 90%, slightly above the global average of 88%. Another major breakthrough: the estimated "missing" TB cases (undiagnosed or unreported) fell from about 15 lakh in 2015 to under 1 lakh by 2024.



India's First Commercial PSLV to Launch Oceansat Next Year

- India is advancing into a new phase of space manufacturing with its first fully industry-built **Polar Satellite Launch Vehicle (PSLV)** ready for launch. The **HAL-L&T consortium** has completed end-to-end production of the PSLV-XL variant, which will launch an **Oceansat Earth-observation satellite** in early **2026**.
- This marks the first time a commercial entity has handled complete manufacturing, including assembly and systems integration of a major Indian space launch vehicle.
- To enable private manufacturing capability, **ISRO** signed a contract in **2022** for **five PSLV rockets** to be produced by industry. HAL and L&T, long-term partners in aerospace and defence, now lead complex launch vehicle fabrication.
- They are preparing multiple rockets in parallel, aiming to deliver **two to three launches annually**. This ensures quicker readiness and higher mission frequency.



India Advances Deep-Sea Exploration with Matsya-6000 Trials

- India is set to conduct 500-metre sea trials of the Matsya-6000 submersible off the Chennai coast. This marks a critical step toward achieving the Deep Ocean Mission goal of reaching 6,000 metres by 2027. Static GK fact: India has a coastline of 11,098 km, providing strategic opportunities for blue economy initiatives.
- The Matsya-6000 is the first indigenously developed manned submersible capable of ultra-deep exploration. Piloted by two scientists from the National Institute of Ocean Technology (NIOT), the craft positions India among the few nations equipped for deep-sea scientific missions.
- The submersible incorporates expertise from multiple scientific and research institutions. Defence and space laboratories contributed core systems, while the titanium personnel sphere is fabricated at an aerospace propulsion centre.
- The 28-tonne submersible uses Li-Po batteries, emergency ballast systems, high-strength structural components, and advanced propeller mechanisms. Static GK Tip: Titanium alloys are widely used in marine engineering due to their high strength-to-weight ratio and corrosion resistance.



India Launches First Indigenous CRISPR Gene Therapy for Sickle Cell Disease

- Science and Technology Minister, Dr. Jitendra Singh today launched country's first indigenous CRISPR based gene therapy for Sickle Cell Disease, which primarily affects country's tribal population.
- The therapy, named BIRSA 101 is dedicated to Bhagwan Birsa Munda, whose 150th anniversary was observed on the 15th of this month. Addressing the gathering, the Minister said, the country has formally begun its decisive journey towards becoming a Sickle Cell Disease-free nation, marking a historic turning point in the country's public health and genomic medicine landscape.



SPORTS

India's Moment of Glory in Women's ODI Cricket

- On **2 November 2025**, the India Women's cricket team clinched their first-ever ODI World Cup trophy by defeating South Africa Women's cricket team by **52 runs** at the Dr. DY Patil Sports Academy, Navi Mumbai.
- India posted 298/7 in their 50 overs and then bowled South Africa out for 246 in 45.3 overs. This victory is being hailed as India's own "1983 moment" in women's cricket, marking the end of a long wait and signalling a new era of recognition and opportunity.
- With this title, India joins the elite list of **Women's World Cup winners**, sending a strong message about the growth of women's cricket globally.



Ilamparthi A R, India's 90th Grandmaster

- Born in Chennai in 2009, **Ilamparthi A R** began making waves early in the chess world. He represented India in several youth tournaments and steadily rose in ranking through consistent performances.
- His disciplined approach and tactical precision helped him earn FIDE titles from a young age.
- In **October 2025**, Ilamparthi secured his final **Grandmaster norm** at the **GM4 Bijeljina 2025 Chess Festival** in **Bosnia and Herzegovina**.
- With this remarkable feat, he became **India's 90th Grandmaster**. His achievement marked another milestone in India's chess journey, further strengthening the country's position as a global chess powerhouse.
-



Jawaharlal Nehru Stadium proposed to make way for Sports City in the national capital

- The Jawaharlal Nehru Stadium (JLN) in New Delhi is set for a historic transformation into a state-of-the-art Sports City, spanning 102 acres.

- Announced by the Ministry of Youth Affairs and Sports, this initiative aims to develop a world-class, multi-discipline sporting hub that aligns with India's vision of nurturing global athletes.
- This redevelopment represents a shift from traditional single-use stadiums to integrated sports ecosystems, combining training, residence, and recovery facilities in one location. The entire 102-acre campus will be rebuilt from the ground up, making way for an integrated sports complex designed to support multiple disciplines.



Shafali Verma has been appointed Brand Ambassador of the Haryana State Women's Commission.

- In a proud moment for Indian sports, Shafali Verma, a key member of India's World Cup-winning women's cricket team, has been appointed Brand Ambassador of the Haryana State Women's Commission.
- The announcement came during a ceremony hosted by Haryana Chief Minister Nayab Singh Saini at his residence in New Delhi, recognizing her match-winning performance in the ICC Women's Cricket World Cup 2025 final.
- Her performance in the **ICC Women's Cricket World Cup 2025** positioned her as a leading face of Indian cricket.
- The Haryana administration recognised her excellence with a special ceremony led by **Chief Minister Nayab Singh Saini** in New Delhi.
- Shafali received a **₹1.5 crore reward**, a ceremonial shawl, and a **Grade A sports certificate** for her contribution to India's historic title win.



India's Historic Triumph at the Asian Archery Championships 2025

- India delivered a landmark performance at the **24th Asian Archery Championships 2025** held in **Dhaka**, finishing as the top nation with **10 medals**, including **six golds**.
- This result marks a clear shift in Asia's archery landscape, traditionally dominated by **South Korea**. India's highlight came from historic recurve individual victories. **Ankita Bhakat** secured a brilliant win in the women's recurve final, defeating Olympic silver medallist **Nam Suhyeon** 7-3.
- Her semifinal shoot-off win against **Deepika Kumari** added to the magnitude of her achievement.
- In the men's recurve event, **Dhiraj Bommadevara** dominated compatriot **Rahul** with a 6-2 win, giving India a rare 1-2 finish in a major Asian event. These victories underline India's expanding talent base.



India's Renewed Triumph in Women's Kabaddi

- India delivered a controlled and well-structured performance to claim the **Women's Kabaddi World Cup 2025** with a 35-28 win over Chinese Taipei.
- The match in **Dhaka** showcased India's tournament maturity, reflected in their calm defensive stance and steady scoring rhythm. The team maintained control from the opening minutes and sustained pressure throughout the final.

REPORT

The EAT-Lancet Commission report (2025)

- The EAT-Lancet Commission report (2025) emphasizes that even if the world successfully transitions away from fossil fuels, food systems alone could breach the 1.5°C Paris temperature goal.
- This finding reveals how central food production and consumption are to the global climate agenda.
- A food system includes everything from production and processing to distribution, consumption, and waste management. It affects not just economies and health, but also social justice and environmental sustainability. Agriculture, land use, and consumption patterns together influence global resource use and emission levels.



APP
STUDY CENTRE

RANKING

Swachh Survekshan 2024-25

Madurai Ranked as Dirtiest City in India

- The Swachh Survekshan 2025 is India's annual cleanliness assessment conducted by the Ministry of Housing and Urban Affairs (MoHUA) under the Swachh Bharat Mission (Urban).
- It evaluates cities on solid waste management, citizen feedback, innovation, and sanitation standards. This survey ranks more than 4,000 urban local bodies to encourage competition and sustainable cleanliness efforts.
- In the 2025 survey, Madurai ranked first among the dirtiest cities in India with a score of 4,823. It was followed by Ludhiana, Chennai, Ranchi, and Bengaluru.
- The report indicates that large metropolitan regions continue to struggle with unplanned urban growth and inefficient waste systems.



IFFCO and Amul Ranked Among World's Top Cooperatives in ICA Global Rankings

- India's cooperative giants, the Indian Farmers Fertiliser Cooperative Limited (IFFCO) and Gujarat Cooperative Milk Marketing Federation (Amul), have once again demonstrated remarkable global leadership, and they have been ranked as the top cooperatives in the world based on GDP per capita performance.

- The ranking has been done by the International Cooperative Alliance (ICA) World Cooperative Monitor 2025. The list was announced at the ICA CM50 Conference in Doha, Qatar.
- The recognition underscores Amul's dairy network, built on the spirit of rural self-reliance and collective ownership, has transformed the livelihoods of millions of farmers while symbolising India's cooperative strength in food security and agribusiness.
- Similarly, IFFCO's performance is particularly notable as it continues to embody the principles of cooperation by empowering millions of farmers through sustainable fertiliser production, digital platforms, and environmental stewardship.



India Improves Rank in Global Climate Risk Index 2025

- India has shown significant improvement in the Global Climate Risk Index (CRI) 2025, marking a step forward in its fight against climate vulnerability. Released by Germanwatch at COP30 in Belem, Brazil, the report highlights that India's rank improved to 15th in the 2024 annual index, compared to 10th last year.
- In the long-term index (1995–2024), India moved from 8th to 9th position. A lower rank represents reduced climate risk and stronger resilience, signaling enhanced preparedness against natural calamities.
- India remains among the world's most climate-affected countries, having witnessed over 430 extreme weather events since 1995.
- These events have caused more than 80,000 fatalities and economic losses nearing USD 170 billion. Cyclones like Hudhud (2014) and Amphan (2020), the Uttarakhand floods (2013), and recurring heatwaves in 1998, 2002, 2003, and 2015 have been major contributors.



India's Position in the Global Commitment to Development Index 2025

- India ranks **36th** in the *Commitment to Development Index (CDI) 2025*, reflecting a mixed performance across the eight global policy components assessed by the **Centre for Global Development**.
- The index evaluates how major economies support sustainable development beyond borders, focusing on the impact of domestic policies on developing nations.
- India's score shows strong environmental performance but notable weaknesses in trade and development finance. India's best performance comes in the **Environment** component, where it stands at **8th place globally**.
- This high rank stems from India's **low per capita carbon emissions**, reduced dependence on fossil fuels on a per-person basis, and participation in biodiversity-focused initiatives.



IMPORTANT DAYS

NOVEMBER 2025

Date	Day	Theme
1 November	World Vegan Day	"Veganism and its Positive Impact on the Planet, Animals, and Human Health."
5 November	World Tsunami Awareness Day	"Be Tsunami Ready: Invest in Tsunami Preparedness,"
7 November	National Wildlife Week 2025	"United by Unique,"
8 November	World Radiography Day	"Radiographers: Seeing the Unseen".
9 November	National Legal Services Day	"Justice for All: Through the Lens of Legal Aid",
10 November	World Science Day for Peace and Development	"Trust, Transformation, and Tomorrow: The Science We Need for 2050,"
11 November	National Education Day (India)	"AI and Education: Preserving Human Agency in a World of Automation,"
12 November	World Pneumonia Day	"Child Survival,"
13 November	World Kindness Day	"Kindness: The Power to Unite"
14 November	Children's Day (India)	"For Every Child, Every Right,"
16 November	National Press Day (India)	"Safeguarding Press Credibility amidst Rising Misinformation"
17 November	International Students Day	"Empowering Students as Agents of Innovation and Change"
17 November	National Epilepsy Day (India)	"Awareness, Diagnosis, and Timely Care,"
19 November	World Toilet Day	'sanitation in a changing world'
20 November	National Milk Day (India)	"My Day, My Rights" and "For every child, every right,"
25 November	International Day for the Elimination of Violence against Women	"UNiTE to End Digital Violence against All Women and Girls,"
26 November	National Milk Day (India)	"Celebrating the Power of Dairy,"
26 November	Constitution Day of India (Samvidhan Divas)	"Hamara Samvidhan - Hamara Swabhiman" (Our Constitution - Our Pride)