



September - 14

TNPSC BITS

- ❖ Engineers India Limited has completed the country's first bamboo-based biorefinery project at Numaligarh, Assam.
- ❖ Chandrapuram Ponnusamy Radhakrishnan was sworn in as the 15th Vice-President of India and Chairman of the Rajya Sabha on September 12, 2025.
- ❖ Indian Army has taking part in the multilateral military exercise ZAPAD 2025 in Nizhniy, Russia.
- ❖ Albania has become the world's first country to appoint an 'AI minister' named Diella (meaning 'sun' in Albanian) and is tasked with tackling corruption.
- ❖ India inaugurated its first overseas Atal Innovation Centre (AIC) at the IIT Delhi–Abu Dhabi campus.
- ❖ The 11th Conference of the Commonwealth Parliamentary Association (CPA) India Region at the Vidhana Soudha, Bengaluru.
 - The Agenda Topic of this Conference is “Debates & Discussions in the Houses of Legislature: building people’s trust, meeting people’s aspirations.”
- ❖ The United Nations General Assembly designated 7 September as the International Day of Clean Air for blue skies to raise awareness and drive action on combating air pollution.
- ❖ Himalaya Diwas is celebrated every year on 9th September in the state of Uttarakhand to conserve Himalayan ecosystem and region.

TAMIL NADU NEWS

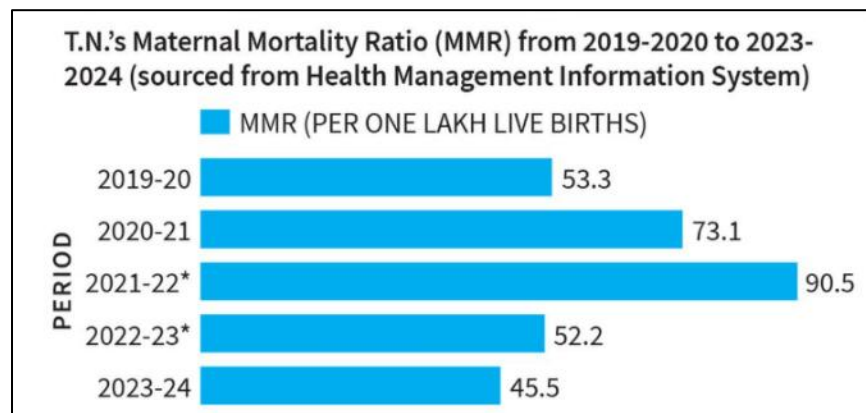
State-level dashboard for start-ups

- ❖ IIT-Madras has partnered with Guidance Tamil Nadu to develop a State-level dashboard for start-ups and innovation Called INNOVATION-TN.
- ❖ The platform provides a comprehensive overview of the start-up ecosystem of Tamil Nadu and showcases the innovation prowess to different stakeholders.
- ❖ Guidance Tamil Nadu is the Government of Tamil Nadu's nodal agency for investment promotion.
- ❖ As of August 2025, there are close to 19,000 start-ups in Tamil Nadu.
- ❖ Together, these start-ups have created more than 2.2 lakh jobs and have attracted investments, exceeding ₹1,20,000 crore.

- ❖ There are 45 start-ups, each of which has attracted an investment of ₹200 crore or more.
- ❖ The State also has 228 active incubators and start-up enabling organisations, the largest number for any State in the country.



Maternal Mortality Ratio of Tamilnadu



- ❖ Tamil Nadu's maternal mortality ratio (MMR) declined from 38 to 35 per 100,000 live births during the period 2021 to 2023.
- ❖ Tamil Nadu now has the second-lowest MMR in India, after Kerala and Andhra Pradesh, which both recorded an MMR of 30.
- ❖ The national MMR stands at 88 per 100,000 live births, as per the Special Bulletin on Maternal Mortality in India 2021–2023.

- ❖ Tamil Nadu's MMR for the year 2023 to 2024 has further dropped to 45.5 according to the latest state health department data.

NATIONAL NEWS

Swachhotsav 2025

- ❖ The Ministry of Housing and Urban Affairs and the Department of Drinking Water and Sanitation will jointly launch the "Swachhotsav" fortnight under the Swachhata Hi Seva (SHS) 2025 campaign.
- ❖ The SHS 2025 campaign will run from 17th September to 2nd October 2025, aligning with the festive season to promote clean and green celebrations.
- ❖ It aims to strengthen community involvement, cultural alignment, and inter-departmental coordination for sustained sanitation outcomes.



INTERNATIONAL NEWS

HIRE Act of USA

- ❖ The HIRE Act (Halting International Relocation of Employment Act) was introduced by US Republican Senator Bernie Moreno in September 2025.
- ❖ The Bill proposes a 25% tax on US companies that outsource jobs to other countries.
- ❖ The proposed legislation targets the services sector, including Information Technology (IT) outsourcing.
- ❖ Indian IT companies derive approximately 62% of their export revenue from the United States.

- ❖ The Indian IT sector's total export revenue, including hardware, is estimated at \$224 billion.
- ❖ The United States accounted for 17.7% of India's total exports in the financial year 2023–24.
- ❖ India had a trade surplus of \$45.7 billion with the United States in FY24, including \$38 billion in goods trade.
- ❖ The Indian IT sector is expanding operations in Asia, Australia, the Nordic countries, Japan, and the Middle East.

Trump Effect

- **If passed**, the HIRE Act will sharply reduce the cost advantage that drives outsourcing to India
- **This will** also slow fresh contracts and squeeze margins
- **Any curbs** on outsourcing will reduce both supply and demand
- **GCCs** of US multinationals may face higher compliance costs and slower expansion if the Bill impacts job relocation

US clients, which account for over **60%** of India's IT outsourcing revenues, may pause large-scale deals, renegotiating existing ones

IT services exports stood at **\$224 billion**, with **62%** coming from the US, according to Nasscom estimates

ECONOMY NEWS

SIDBI-CRIF Report 2025

- ❖ The Small Business Spotlight report was released jointly by the Small Industries Development Bank of India (SIDBI) and CRIF High Mark in September 2025.
- ❖ India's total small business credit exposure grew by 19.3 percent year-on-year to Rs 45.3 lakh crore as of June 2025.
- ❖ With 6.9 crore active loans, it has been rising by 8.7 percent year-on-year.
- ❖ Maharashtra holds the largest portfolio outstanding at Rs 6.06 lakh crore.
- ❖ It is followed by Tamil Nadu at Rs 4.21 lakh crore and Gujarat at Rs 3.69 lakh crore.

- ❖ Uttar Pradesh recorded the highest year-on-year growth at 20.7 percent, with its portfolio outstanding reaching Rs 3.61 lakh crore.
- ❖ Mumbai, Delhi, and Bengaluru lead among districts, contributing 4.4 percent, 3.8 percent, and 3.0 percent, respectively.
- ❖ Sole proprietors account for more than 75 percent of outstanding credit and over 85 percent of active loans, while enterprises recorded the highest portfolio growth at 24.7 percent year-on-year.

	Jun'23	Jun'24	Jun'25
Portfolio Outstanding (₹L Cr)	31.3	38.0	45.3
Y-o-Y Growth%		21.4%	19.3%
Number of Active Loans (Cr)	5.7	6.4	6.9
Y-o-Y Growth%		11.9%	8.7%
PAR 31-90%	3.2%	3.4%	3.4%
PAR 91-180%	1.8%	1.4%	1.5%
PAR 181-720%	4.1%	3.2%	2.9%

SCIENCE AND TECHNOLOGY NEWS

SAMBHAV communication system



Indian Army Switches to 'Sambhav' Phones for Secure Communication in Operation Sindoor | SEE DETAILS

No More WhatsApp – Indian Army Fully Shifts to Secure Sambhav Devices...30,000 Sambhav Phones Empower Army Officers

- ❖ The Indian Army used its indigenously developed secure mobile ecosystem, SAMBHAV (Secure Army Mobile Bharat Version), during Operation Sindoor.
- ❖ The SAMBHAV phones replaced platforms like WhatsApp for official communication.
- ❖ SAMBHAV runs on 5G technology and provides end-to-end encrypted communication using indigenous applications like M-Sigma.
- ❖ M-Sigma is a secure messaging application developed as an alternative to WhatsApp, allowing the safe sharing of documents, images, and videos.
- ❖ SAMBHAV is network-agnostic and offers instant connectivity on the move through multi-layered encryption and 5G-ready handsets.
- ❖ SAMBHAV phones were also deployed during the India-China military talks held in October 2024.

AdFalcivax malaria vaccine

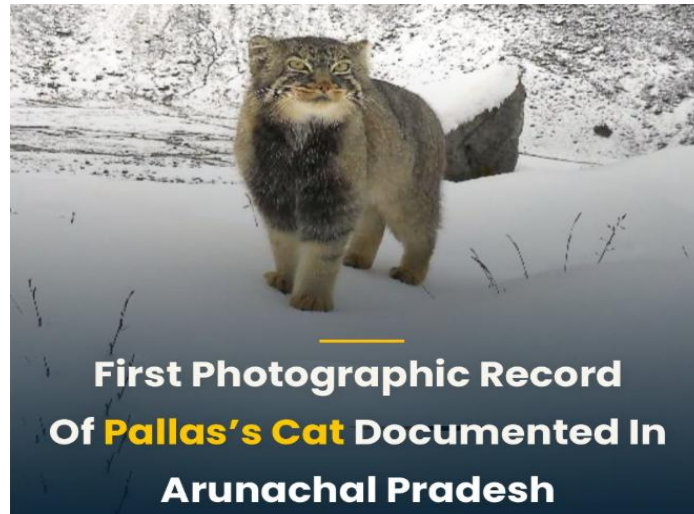


- ❖ India has licensed Indian Immunologicals Limited, Techinvention Lifecare Private Limited, Panacea Biotec Limited, Biological E Limited, and Zydus Lifesciences to manufacture and commercialise its first indigenous multi-stage malaria vaccine.
- ❖ The vaccine, developed by the Indian Council of Medical Research (ICMR) and its partners.
- ❖ It targets the parasite before it enters the bloodstream, preventing transmission.
- ❖ The vaccine, called AdFalcivax, is designed against Plasmodium falciparum and aims to minimise malaria transmission.
- ❖ Malaria accounts for 1.4% of the global cases and 0.9% of deaths, with 95% of India's population living in malaria-endemic areas.

ENVIRONMENT NEWS

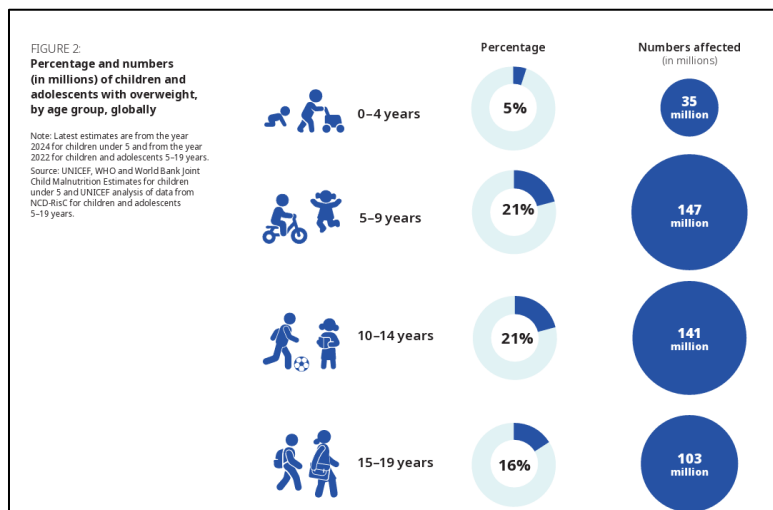
Pallas's cat

- ❖ A wildlife survey in Arunachal Pradesh recorded the first photographic evidence of the rare Pallas's cat in the state.
- ❖ The Pallas's cat sighting extends the known range of the species in the eastern Himalaya beyond earlier records from Sikkim, Bhutan, and eastern Nepal.
- ❖ The species is listed as Least Concern on the IUCN Red List.



REPORTS AND INDICES

The Child Nutrition Report 2025



- ❖ This report, released by UNICEF and it highlights a global increase in childhood obesity and unhealthy diets.

- ❖ Over 5 percent of children under five and 20 percent of those aged 5 to 19 are now living with being overweight.
- ❖ The prevalence of obesity among school-age children and adolescents in 2025 was 9.4 percent.
- ❖ The prevalence of underweight in the same age group was 9.2 percent in 2025.
- ❖ More than half of affected children live in East Asia and the Pacific, Latin America and the Caribbean, and South Asia.
- ❖ In South Asia, overweight prevalence among those aged 5 to 19 increased nearly fivefold between 2000 and 2022.
- ❖ The report links these trends to the spread and marketing of ultra-processed foods (UPF) and sugary beverages.

STATES' NEWS

Bombay High Court Circuit Bench



- ❖ CJI B.R. Gavai inaugurated the Bombay High Court's circuit bench at Kolhapur on August 17, 2025.
- ❖ The bench became functional from August 18, 2025, with one division bench and two single benches.
- ❖ It had jurisdiction over six districts: Kolhapur, Satara, Sangli, Solapur, Ratnagiri, and Sindhudurg.
- ❖ This made Kolhapur the third circuit bench in Maharashtra after Nagpur and Aurangabad, and the fourth overall, including Porvorim in Goa.

- ❖ Apart from the principal bench in Mumbai, the Bombay High Court had permanent benches at Nagpur in Vidarbha and Aurangabad (Chhatrapati Sambhajanagar) in Marathwada.
- ❖ A third bench of the Bombay High Court also sat in the adjoining state of Goa at Porvorim.
- ❖ The High Court of Bombay served the states of Maharashtra and Goa, and the union territory of Dadra and Nagar Haveli and Daman and Diu.
- ❖ It was one of the oldest high courts in India, established under the Indian High Courts Act of 1861.

Infant Mortality Rate in Kerala



- ❖ Kerala's infant mortality rate (IMR) fell to an all-time low of 5 per 1,000 live births in 2023, as per the Sample Registration Survey (SRS).
- ❖ This IMR was five times lower than the national average of 25 and even lower than the United States' IMR of 5.6.
- ❖ Kerala remained the only state in India with a single-digit IMR and no urban-rural divide in infant mortality.
- ❖ Kerala first achieved a single-digit IMR of 7 in 2018 and further reduced it to 6 in 2019 and 5 in 2023.
- ❖ Kerala earlier recorded around 5–5.5 lakh live births annually but had only 3,93,231 live births in 2023.
- ❖ The number of live births is projected to fall further to approximately 3.54 lakh between April 2024 and March 2025.

- ❖ Kerala continued to report an average of 120–140 maternal deaths annually, with the exception of 2021–22.
- ❖ Kerala and Andhra Pradesh shared the first position among Indian states with the lowest MMR, based on SRS figures.

PERSONALITIES, AWARDS, AND EVENTS

Swachh Vayu Sarvekshan Awards



- ❖ The Ministry of Environment, Forest and Climate Change held the Swachh Vayu Sarvekshan Awards and Wetland Cities Recognition Ceremony 2025.
- ❖ Under the National Clean Air Programme (NCAP), 11 cities were awarded for clean air efforts across three population-based categories, with Indore, Jabalpur, Agra, and Surat leading in Category 1.
- ❖ Indore scored 200/200 and received ₹1.5 crore; Amravati topped Category 2 and Dewas led Category 3.
- ❖ Indore and Udaipur received Wetland City Accreditation under the Ramsar Convention, making India the Asian leader with 91 Ramsar sites.
- ❖ The government released ward-level survey guidelines, a best practices compendium, and aims to plant 75 crore trees and develop 75 urban forests.
- ❖ Digital platforms like PRANA are tracking progress, and Mission LiFE and Amrit Sarovar are supporting sustainable water and lifestyle initiatives.

IMPORTANT DAYS

World Physical Therapy Day 2025 - September 08

- ❖ It recognises the essential role physiotherapists play in helping people recover from injury, manage pain, and restore mobility.
- ❖ This day is commemorating the date of the World Physiotherapy foundation in 1951.
- ❖ This year's theme is "Healthy Ageing".



International Day of Police Cooperation 2025 - September 09



- ❖ This day recognizes the essential work of the world's law enforcement community in global security.
- ❖ This was observed for the first time in 2023.
- ❖ The theme for 2025 is "ICT and AI in policing".

