

October - 12

TNPSC BITS

- ❖ The Central Bureau of Investigation (CBI) arrested eight key operatives and identified 45 suspects in Interpol's Operation HAECHI-VI targeting transnational cyber-enabled financial crimes.
- ❖ NPCI (National Payments Corporation of India), which operates UPI, has become the first payments system partner integrated with PayPal.
- ❖ India celebrated the 93rd Air Force Day on October 8, 2025, marking the founding of the Indian Air Force in 1932.

TAMIL NADU NEWS

Global Startup Summit 2025



- ❖ The Tamil Nadu Global Startup Summit (TNGSS) 2025 was held in Coimbatore.
- ❖ Tamil Nadu's registered startups grew from 2,032 in 2021 to over 12,000 in 2025.
- ❖ This ecosystem's value rose from \$3 billion to \$27.4 billion.
- ❖ The summit was organised by the Tamil Nadu Startup and Innovation Mission (StartupTN)
- ❖ StartupTN launched the TNGSS app with artificial intelligence-based matchmaking, event schedules, and personalised networking tools.
- ❖ The summit theme was 'Disrupt to Rise'.

Co-Creation Fund for Startup Ecosystem

- ❖ Tamil Nadu Chief Minister announced a ₹100 crore co-creation fund at the Global Startup Summit held in Coimbatore.
- ❖ The fund will be managed by the Tamil Nadu Startup and Innovation Mission (StartupTN).
- ❖ It will invest in venture capital funds that support Tamil Nadu-based startups.
- ❖ A dedicated budget allocation of ₹20 crore has been made for this co-creation fund in the current financial year.
- ❖ Between 2020 and 2025, the number of Tamil Nadu startups recognized on the Department for Promotion of Industry and Internal Trade (DPIIT) platform recorded a compound annual growth rate of 36 percent.
- ❖ As of 2025, the number of DPIIT-recognized startups in Tamil Nadu has increased sixfold from 2,032 to 12,000, with half of them led by women.
- ❖ In 2018, Tamil Nadu was ranked lowest in startup infrastructure, but rose to the top position by 2022 among Indian states.
- ❖ The average investment raised by Tamil Nadu startups increased from \$1 million in 2016 to \$6 million in 2024, according to Inc42.



Formation of Heritage Commission

- ❖ The Madras High Court ordered the Tamil Nadu government to constitute the Tamil Nadu Heritage Commission (TNHC) within four weeks.

- ❖ The court noted the commission was still not formed despite the TNHC Act being brought into force on March 12, 2024, after a 12-year delay.
- ❖ The commission is meant to protect heritage buildings not covered under national or state archaeological laws.
- ❖ The court also directed the Hindu Religious and Charitable Endowments (HR&CE) department to halt ongoing temple construction activities.



Revenue Department Day - July 1



- ❖ The Tamil Nadu government has designated July 1, the first day of the Fasli year, as 'Revenue Department Day'.

- ❖ Fasli is a traditional agricultural calendar system that begins on July 1 each year in the Gregorian calendar.
- ❖ It is used for land revenue, updating village records, Jamabandi events, and crop audit reports.
- ❖ The Fasli system originated during the Mughal period and was retained by colonial administrators.

NATIONAL NEWS

Futala Lake Case



- ❖ The Supreme Court of India upheld the Bombay High Court's decision regarding Futala Lake.
- ❖ The court ruled that Futala Lake is a man-made waterbody constructed for drinking water and irrigation.
- ❖ Court ruled held that, this lake does not qualify as a wetland under Rule 2(1)(g) of the Wetlands (Conservation and Management) Rules, 2017.
- ❖ The judgment emphasized the doctrine of public trust and the constitutional right to a healthy environment under Article 21.
- ❖ Futala Tank in Maharashtra, also known as Telangkhedi Tank, was constructed in the year 1799 with a catchment area of about 200 hectares by the then ruler of Nagpur to cater to irrigation needs.

ONDLS for drug license

- ❖ 18 State drug control authorities have adopted the Online National Drugs Licensing System (ONDLS) for drug license processing.
- ❖ No State has fully complied with the Corrective and Preventive Action (CAPA) guidelines.
- ❖ Both ONDLS and CAPA are provisions under the Central government's revised Schedule M, which updates India's pharmaceutical manufacturing regulations.
- ❖ CAPA is a quality management method that focuses on investigating and preventing problems in drug production.
- ❖ The ONDLS is a digital single-window platform designed to streamline and standardize drug licensing across all States and Union Territories.
- ❖ Out of 5,308 MSME pharma companies, 3,838 have complied with the revised Schedule M Good Manufacturing Practices (GMP).



One Nation, One Land Record

- ❖ The 'One Nation, One Land Record' initiative aims to digitally map and authenticate all urban land parcels in India.
- ❖ It is implemented through the Naksha programme, a pilot project under the Digital India Land Records Modernization Programme.
- ❖ Naksha uses advanced geospatial mapping, Global Navigation Satellite System, and Web Geographic Information System tools.
- ❖ The pilot is being rolled out across 28 states and 3 union territories.



New commodities in e-NAM



- ❖ The National Agriculture Market (e-NAM) platform has added 9 new commodities, increasing the total tradable items to 247.

- ❖ The Department of Agriculture and Farmers' Welfare oversees e-NAM, aiming to create a transparent and competitive digital trade platform.
- ❖ The 9 new commodities added include green tea, ashwagandha dry roots, mustard oil, lavender oil, mentha oil, virgin olive oil, lavender dried flower, tea, and broken rice.

INTERNATIONAL NEWS

7th Moscow Format meeting

- ❖ The 7th Moscow Format meeting took place in Moscow, Russia.
- ❖ Taliban officials participated as formal delegates for the first time.
- ❖ The participants reaffirmed support for an independent, united, and peaceful Afghanistan.
- ❖ The meeting's joint statement rejected the deployment of foreign military infrastructure in Afghanistan or neighboring countries.
- ❖ It held with the participation from India, Russia, China, Iran and Central Asian countries.



EU Entry/Exit System Implementation

- ❖ The Entry/Exit System (EES) will start at Schengen Area borders.
- ❖ EES automates border checks for non-EU and non-European Free Trade Association (EFTA) short-stay travellers.

- ❖ It replaces manual passport stamping with digital registration of personal and biometric data.
- ❖ Full implementation across all 29 Schengen countries will be completed by April 10, 2026.

EU'S NEW ENTRY/EXIT SYSTEM (EES)

A KEY BORDER MANAGEMENT TOOL WITHIN THE SCHENGEN AREA.

COLLECTS BIOMETRIC AND TRAVEL DATA FROM THIRD-COUNTRY NATIONALS ENTERING OR EXITING THE EU FOR SHORT STAYS, WITHOUT THE NEED FOR PASSPORT STAMPS.

THE COMMISSION HAS PROPOSED A 180-DAY PHASED ROLL-OUT STARTING IN OCTOBER 2025.

8th International Solar Alliance Assembly

International Solar Alliance : Salient Points



What is International Solar Alliance? It is an inter-governmental organisation to promote solar energy among member countries. It is headquartered in Gurgaon.	How many have joined in? As of now, 61 nations have joined the alliance while 32 have ratified the Framework Agreement.	\$83 bn India's requirement to meet its 175 GW goal
What is the concept? It is meant to bring together 121 countries that lie either completely or partly between the two tropics so as to harness solar energy and make the technology freely available to all nations.	ISA TARGET 1,000 GW Solar generation capacity globally by 2030 \$1 trillion Investment required to achieve the 2030 goal	
175 Gigawatts (GW) generation from renewable energy is India's target for 2022	20 GW solar power capacity already installed in India, says Modi	Who's behind it? The idea was conceived and articulated by Prime Minister Narendra Modi during his Wembley Stadium speech at London in 2015.

- ❖ The 8th International Solar Alliance (ISA) Assembly will be held in New Delhi.

- ❖ The assembly will review progress, address challenges, and coordinate efforts for affordable solar energy access.
- ❖ India has achieved 50 percent of its total electricity generation capacity from non-fossil fuel sources, ahead of target.
- ❖ India is the world's third-largest solar energy producer and the second-largest renewable energy market.
- ❖ Over 20 lakh households have received rooftop solar installations under the PM Surya Ghar Muft Yojana.

ECONOMY NEWS

Biometric UPI authentication

- ❖ The National Payments Corporation of India (NPCI) has launched biometric and wearable glass authentication for UPI payments.
- ❖ This new system allows users to authenticate transactions using facial recognition or fingerprints stored in Aadhaar.
- ❖ Users can approve the payments through supported devices without entering the traditional UPI PIN.
- ❖ The wearable smart glasses feature enables hands-free small-value transactions with voice commands and QR code scanning.
- ❖ These initiatives aim to enhance security, privacy, and ease of digital payments across India.



ENVIRONMENT NEWS

Non-Luminous Firefly Species



- ❖ Two new non-luminous firefly species, *Lamellipalpodes kurumba* and *Lamellipalpodes debprasama*, have been described from the Nilgiris district.
- ❖ The discovery increases the total number of known *Lamellipalpodes* species to 14, with five now reported from India.
- ❖ *Lamellipalpodes kurumba* was named in honour of the indigenous Kurumba tribe for their role in protecting the Nilgiris' biodiversity.
- ❖ *Lamellipalpodes debprasama* was named as a tribute to the parents of researchers Arnob Chakrovorty and Banani Bhattacharjee.
- ❖ The genus *Lamellipalpodes* includes non-luminous fireflies distributed across India, Myanmar, Nepal, and Thailand.

Nesolynx banabitanac

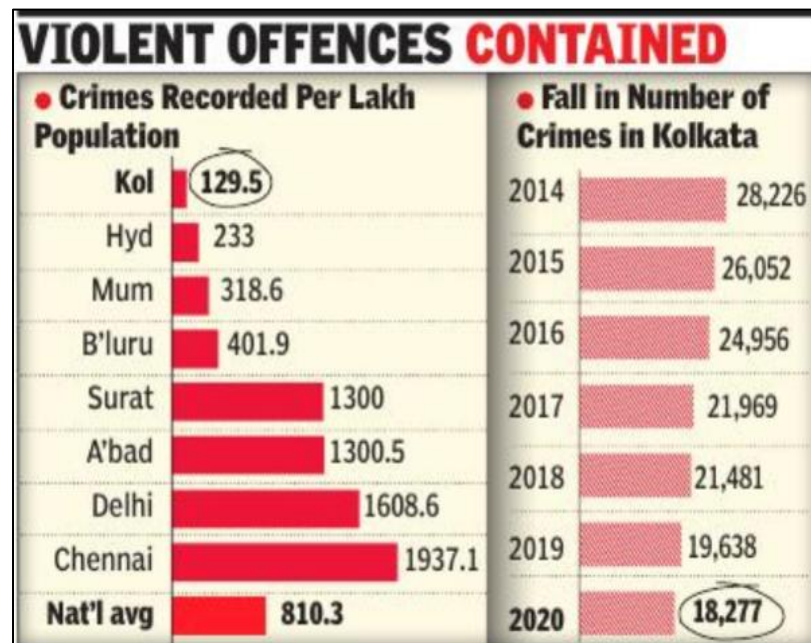


- ❖ A new species of wasp named *Nesolynx banabitanæ* was discovered in Central Park, Salt Lake, and Kolkata.
- ❖ The wasp belongs to the Eulophidae family and is a hyperparasitoid.
- ❖ It parasitizes another parasitoid wasp called *Charops aditya*.

STATES' NEWS

India's safest city

- ❖ Kolkata emerges as the safest city in India for the fourth year.
- ❖ Kolkata recorded 83.9 crimes per lakh population in 2023.
- ❖ Kolkata's crime rate fell from 103.5 in 2021 to 83.9 in 2023.
- ❖ Kochi, Delhi, and Surat are among the most unsafe cities.
- ❖ The average crime rate in these cities was 828 per lakh population in 2023.
- ❖ Kolkata has a high charge-sheeting rate of 94.7 percent under the Indian Penal Code.



New Definition for Aravalli Hills

- ❖ The Haryana government suggests defining the Aravalli hills by geological age and a minimum height of 100 meters.
- ❖ Only hills from the Palaeoproterozoic (2.5–1.6 billion years ago) and Mesoproterozoic (1.7–1 billion years ago) eras would qualify.

- ❖ This excludes younger Neoproterozoic rocks and smaller hills under 100 meters.

AGE & HEIGHT MARK FOR ANCIENT HILLS

The Aravali-Delhi Fold Belt

Aravali Supergroup
(2.5-1.6 billion years)

Delhi Supergroup
(1.7-1 billion years)

- Younger rock formations like Malani rhyolites or Erinpura granites are excluded as they are not part of the original fold belt
- 100m criterion to define Aravalis proposed by mines and geology department

What needs protection is not the age of rocks but the living landscape--the scrub forests, ridges and biodiversity that sustain groundwater recharge and wildlife. By reducing the definition to geology and height, the govt is redefining protection out of existence."

—MD SINHA,
FORMER FOREST CONSERVATOR OF SOUTH HARYANA

Navi Mumbai International Airport

PM Modi Inaugurates Navi Mumbai International Airport

Prime Minister Narendra Modi has inaugurated Phase 1 of the Navi Mumbai International Airport, a ₹19,650 crore project that will reduce congestion at Mumbai's main airport and boost regional connectivity

- ❖ The Prime Minister has inaugurated Phase 1 of the Navi Mumbai International Airport.
- ❖ The airport aims to connect Maharashtra's farmers with global markets in Europe and the Middle East.
- ❖ The airport features an Automated People Mover connecting terminals and will be the first in India to be connected by a water taxi.
- ❖ India is the world's third-largest domestic aviation market, aiming to become a major Maintenance, Repair, and Overhaul hub by 2030.



IMPORTANT DAYS

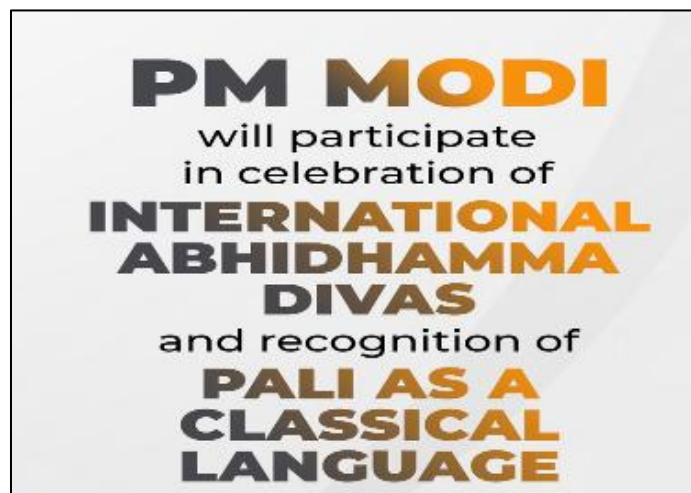
National Postal Week 2025 - October 6/10

- ❖ It celebrates India Post's role in connecting people and supporting development.
- ❖ The first modern postal system in India started in 1854 under Lord Dalhousie.
- ❖ National Postal Week coincides with World Post Day on October 9, marking the Universal Postal Union's founding in 1874.
- ❖ The theme for 2025 World Post Day is "Post for People: Local Service. Global Reach."



MISCELLANEOUS NEWS

Abhidhamma Divas 2025



- ❖ The day of celebration took place on October 6–7, 2025.
- ❖ The International Buddhist Confederation, in collaboration with Gautam Buddha University and the Ministry of Culture, organized the event at Greater Noida.
- ❖ An international conference focused on the theme “The Relevance of Abhidhamma in Understanding Buddhist Thought” was held.
- ❖ The Government of India recognizes Pali as a Classical Language, highlighting its importance in Buddhist texts, including the Abhidhamma Pitaka.

Human-faced pillar in Türkiye



- ❖ A 12,000-year-old T-shaped pillar with a human face was unearthed at Karahantepe in southeastern Türkiye.
- ❖ The discovery was made as part of the Tas Tepeler (Stone Mounds) archaeological project.
- ❖ It is the first known T-shaped pillar to feature a clearly carved human face.
- ❖ T-shaped pillars are believed to represent human figures and date back to the Neolithic period.