



November - 28

TNPSC BITS

- ❖ Tamil Nadu Chief Minister inaugurated a newly-constructed memorial hall with a statue of freedom fighter Maaveeran Pollan at Jayaramapuram in Modakkurichi taluk, Erode District.
 - He was a commander of Theeran Chinnamalai and was shot dead by the British forces.
- ❖ Indian Railways has crossed 1 billion tonne freight loading in FY 25-26, reaching 1,020 million tonnes with coal, iron ore, and cement as top contributors.
- ❖ India sends its first-ever contingent to the WorldSkills Asia Competition 2025, being held in Chinese Taipei.
- ❖ The 19th edition of Joint Military Exercise SURYAKIRAN started at Pithoragarh, Uttarakhand, between India and Nepal.
- ❖ Operation Crystal Fortress, a joint crackdown, was conducted by the Narcotics Control Bureau and Delhi Police to curb a transnational methamphetamine trafficking network.
- ❖ The Central Bank of Oman (CBO) introduced an official symbol for the Omani Rial (OMR) to standardize its use across financial and digital platforms.
- ❖ Roger Federer has been elected for honour in the International Tennis Hall of Fame Class of 2026.
- ❖ Veteran Bollywood actor Dharmendra passed away in Mumbai at age 89, after a six-decade career with over 300 films.
- ❖ The Ministry of Statistics and Programme Implementation (MoSPI) has released a discussion paper on methodological improvements in compiling the national accounts aggregates.
 - The new series of national accounts will use FY 2022-23 as the base year and is scheduled for release on 27th February, 2026.

TAMIL NADU NEWS

U-Turn Man of Tamil Nadu

- ❖ G Manuneethi, Civil engineer from Theni, is widely known as 'The U-Turn Man.'
- ❖ He has introduced very simple, low-cost traffic engineering solutions to enable uninterrupted traffic flow

- ❖ He developed the U-turn model by closing traditional junctions and moving turning points 100 metres away.
- ❖ His traffic innovations across Tamil Nadu created multiple signal-free corridors.



WHERE IT CHANGED EVERYTHING!

His designs created massive signal-free stretches like:

- Key signal-free stretches
- 11 km stretch on Trichy Road
- Majority of Avinashi Road
- Several major junctions across Coimbatore

REAL IMPACT

- ✓ Reduced traffic congestion
- ✓ Faster commute time
- ✓ Fewer accidents
- ✓ Less road rage
- ✓ Quicker ambulance response

Engineering that saved time and lives.

NATIONAL NEWS

First Official Tribute to Pawan Martyrs



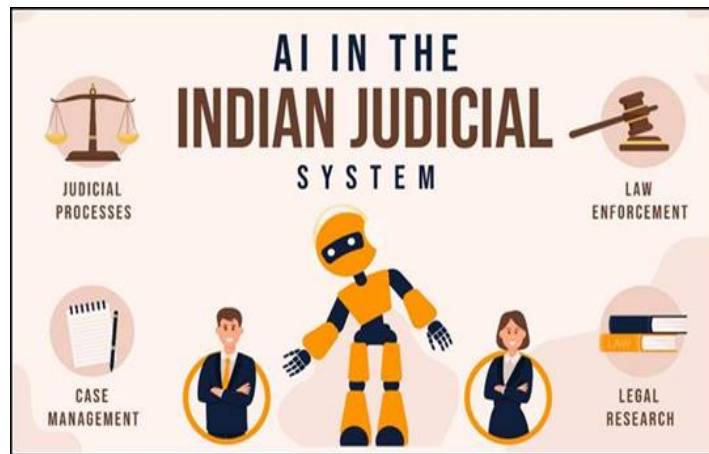
Army To Officially Honour Operation Pawan Martyrs After 38 Years

The Indian Army will, for the first time, formally commemorate the soldiers who lost their lives in Operation Pawan

- ❖ The Indian Army is officially commemorating Operation Pawan martyrs for the first time after 38 years.
- ❖ Operation Pawan was India's first major overseas military mission after Independence, conducted in Sri Lanka from 1987 to 1990.

- ❖ The mission aimed to disarm militant groups, including the Liberation Tigers of Tamil Eelam (LTTE), under the Indo-Sri Lanka Accord.
- ❖ 1,171 Indian soldiers were killed, and over 3,500 were injured, making it one of India's heaviest wartime losses abroad.
- ❖ Major Ramaswamy Parameswaran received the Param Vir Chakra posthumously for bravery in 1987.
- ❖ The tribute will be held at the National War Memorial, New Delhi.

India's Judicial AI Framework

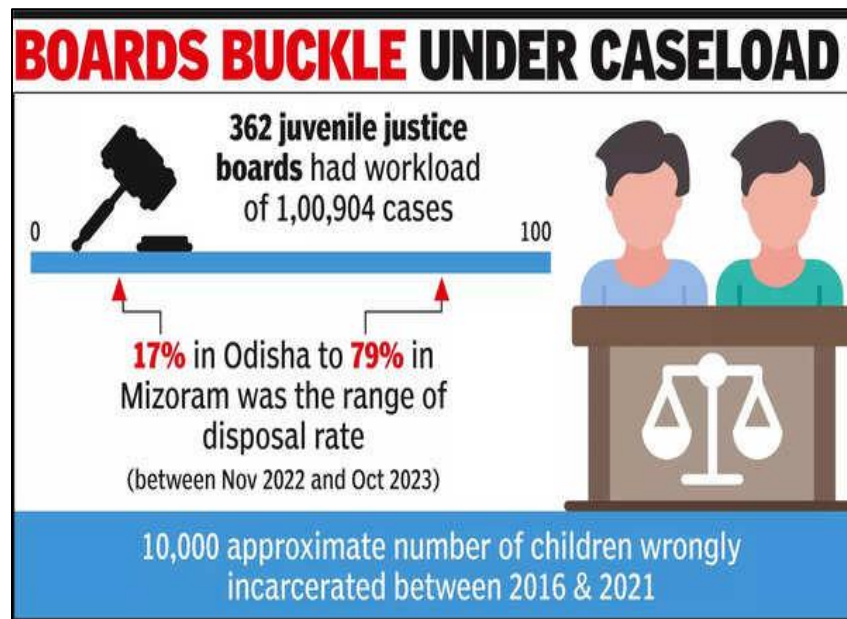


- ❖ The Supreme Court of India released a White Paper on how artificial intelligence can support the judicial system.
- ❖ It explains how AI can help with case management, legal research, and reducing delays in courts.
- ❖ Tools like SUPACE (Supreme Court Portal for Assistance in Courts Efficiency), SUVAS (Supreme Court Vidhik Anuvaad Software), TERES (Transcription of Electronic Record and Speech), and LegRAA (Legal Research and Analytics Assistant) are highlighted as India's main judicial AI systems.
- ❖ The Paper also warns about risks such as wrong outputs, data privacy issues, and biased algorithms.
- ❖ It sets rules to ensure judges remain the final decision-makers and AI is used responsibly in courts.

Pending Cases in Juvenile Justice Boards

- ❖ More than 50% of cases before 362 Juvenile Justice Boards (JJBs) remained pending as of 31 October 2023.

- ❖ JJBs are constituted in 92% of 765 districts, but 24% of Boards were not fully staffed, and 30% lacked attached legal aid clinics.
- ❖ Less than half of 1,00,904 cases filed with JJBs had been disposed of by October 2023.
- ❖ Each JJB had an average of 154 pending cases annually, with vacancies, inadequate funds, and weak data monitoring increasing workload.
- ❖ The India Justice Report (IJR) study found irregular public data transfer, poor inter-agency coordination, and gaps in child-centric service delivery.
- ❖ In 2023, 40,036 juveniles were apprehended in 31,365 cases under the Indian Penal Code and Special Laws.
- ❖ Over 75% of these juveniles were aged between 16 and 18 years.
- ❖ Odisha had the highest pendency rate at 83%, while Karnataka had the lowest at 35%.
- ❖ IJR filed over 250 Right to Information (RTI) requests in 21 states to collect data on JJB functioning, highlighting the lack of centralised monitoring.



INTERNATIONAL NEWS

First Direct-to-Cell Service in Ukraine

- ❖ Ukraine is the first European country to activate Starlink's direct-to-cell satellite service.
- ❖ The service is launched through a partnership between Kyivstar and global telecom group Veon.

- ❖ It begins with SMS and will expand to voice and data in 2026.
- ❖ Direct-to-cell technology connects standard 4G smartphones directly to satellites, bypassing ground towers.

Starlink Begins Europe's First Direct-To-Cell Service In Ukraine

Ukraine has become the first country in Europe to activate Starlink's direct-to-cell satellite service, launched through a partnership between Kyivstar and global telecom group Veon.

SCIENCE AND TECHNOLOGY NEWS

HAMMER Weapon System



Made in India: French HAMMER Missile Used in Operation Sindoor to Be Locally Produced Under Major Defence Pact

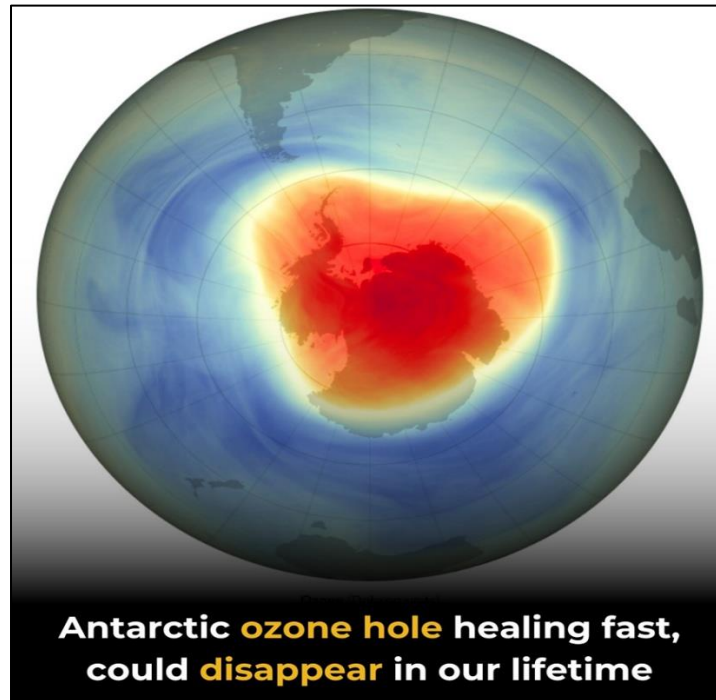
- ❖ The HAMMER is a precision-guided air-to-ground weapon jointly made in India by Bharat Electronics Limited and French based firm Safran.
- ❖ HAMMER stands for Highly Agile Modular Munition Extended Range.
- ❖ It uses a modular guidance system GPS INS (Global Positioning System Inertial Navigation System), infrared or laser to strike hardened targets accurately.
- ❖ It can hit targets up to about 70 kilometres from stand-off range.

- ❖ It is used on Rafale aircraft and will also be integrated with LCA Tejas.

ENVIRONMENT NEWS

Antarctic Ozone Hole 2025

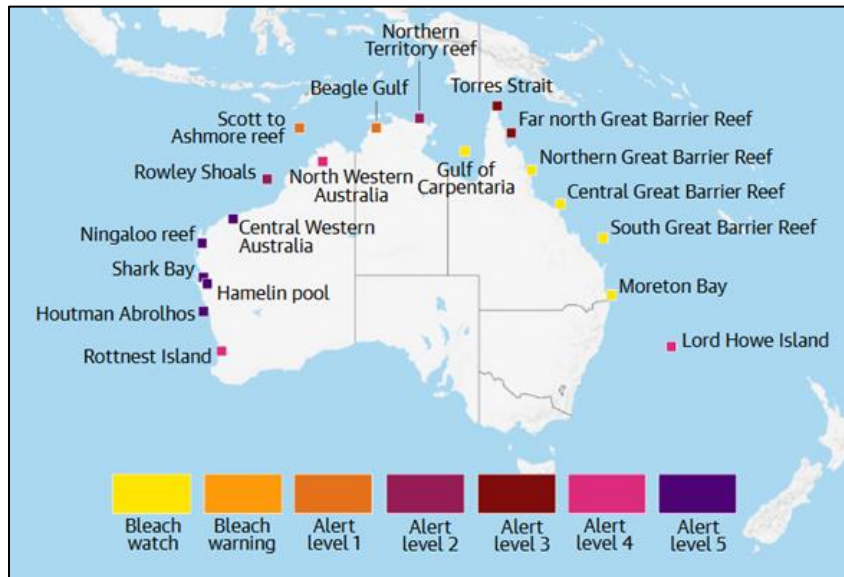
- ❖ The Antarctic ozone hole in 2025 was the 5th smallest since 1992, reported by NASA and National Oceanic and Atmospheric Administration (NOAA).
- ❖ Its largest size in early September was 8.83 million sq miles, which is 30% smaller than the record size in 2006.
- ❖ The ozone hole is an area in the stratosphere where ozone levels drop below 220 Dobson Units.
- ❖ The Montreal Protocol (1992) reduced harmful chemicals like CFCs (Chlorofluorocarbons), helping the ozone layer heal.
- ❖ Weather factors like temperature and air circulation also helped make the ozone hole smaller in 2025.



Ningaloo Coral Reef

- ❖ Nearly 70% of corals at the UNESCO-listed Ningaloo Reef, Western Australia, have died.

- ❖ The loss is caused by Australia's longest and most intense marine heatwave on record.
- ❖ Coral mortality across eight northern lagoon sites now exceeds 60%.
- ❖ Out of 1,600 corals counted in March 2025, only about 600 survived by October 2025.
- ❖ Some resilient species, like Veron's tube coral and lesser knob coral, survived, but dominant species such as staghorn corals and thin bird's nest coral died.
- ❖ Coral reefs support one-third of marine species globally, so mass mortality threatens overall marine biodiversity.



REPORTS AND INDICES

Most Expensive Streets in the World 2025

- ❖ London became the world's most expensive retail location in 2025.
- ❖ Global high street rents grew by 4.2 % according to the Cushman and Wakefield (C and W) report.
- ❖ Via Montenapoleone in Milan and Upper Fifth Avenue in New York ranked second and third.
- ❖ Three Asian streets: Tsim Sha Tsui in Hong Kong, Ginza in Tokyo, and Myeongdong in Seoul were in the top ten.
- ❖ Khan Market in New Delhi ranked 24th with an annual rent of 223 US dollars per square foot and 3 % growth.
- ❖ The Americas recorded the highest regional rental growth at 8 % in 2025.

Rank (2025)	Retail Street	City, Country
1	New Bond Street	London, U.K.
2	Via Montenapoleone	Milan, Italy
3	Upper Fifth Avenue	New York City, U.S.
4	Tsim Sha Tsui	Hong Kong, Greater China
5	Avenue des Champs-Élysées	Paris, France
6	Ginza	Tokyo, Japan
7	Bahnhofstrasse	Zurich, Switzerland
8	Pitt Street Mall	Sydney, Australia
9	Myeongdong	Seoul, South Korea
10	Kohlmarkt	Vienna, Austria
...
24	Khan Market	New Delhi, India

STATES' NEWS

First Limestone Block Auction



- ❖ The first-ever auction of limestone mineral blocks will be held in Jammu and Kashmir.
- ❖ Seven limestone blocks covering around 314 hectares have been identified in Anantnag, Rajouri, and Poonch districts.
- ❖ The auction is part of mining reforms under the Mines and Minerals (Development and Regulation) Act, 2015.
- ❖ The blocks are classified under UNFC (United Nations Framework Classification) G3 and G4 exploration stages.



- ❖ High-quality limestone from these blocks will support cement manufacturing, construction, and other industries.
- ❖ The auction aims to promote transparency, sustainable mining, and economic growth in the Union Territory.

SPORTS NEWS

World Boxing Cup Finals 2025

- ❖ The World Boxing Cup Finals 2025 were held in Greater Noida, Uttar Pradesh.
- ❖ The event was organised by the Boxing Federation of India (BFI) in partnership with World Boxing.
- ❖ India won 20 medals in total, including nine gold, six silver, and five bronze.
- ❖ India emerged as the top nation in the 2025 World Boxing Cup series with 13 golds, followed by Kazakhstan with 12.

#	World Boxing Cup Finals - Greater Noida 2025 Medal table - Top 10				
1.	INDIA	9	6	5	20
2.	UZBEKISTAN	4	5	4	13
3.	ENGLAND	2	1	3	6
4.	CHINESE TAIPEI	1	2	1	4
5.	KAZAKHSTAN	1	1	6	8
6.	POLAND	1	1	3	5
7.	JAPAN	1	1	2	4
8.	AUSTRALIA	1		2	3
9.	ITALY		2		2
10.	KYRGYZSTAN		1		1

IMPORTANT DAYS

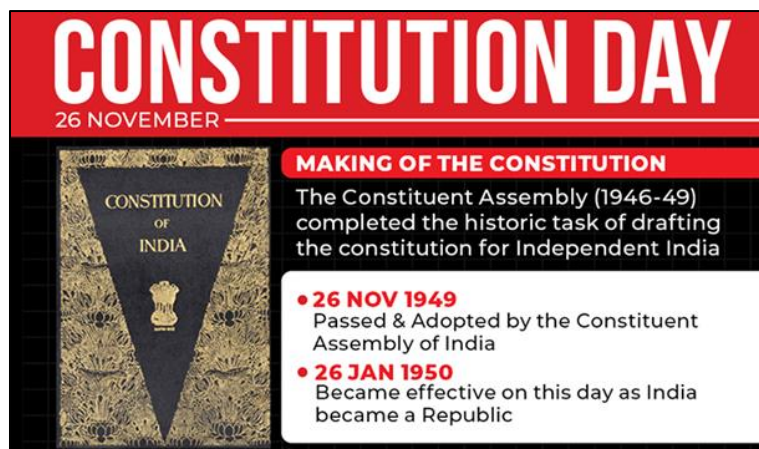
National Cadet Corps Raising Day 2025 – November 23

- ❖ The day is observed on the 4th Sunday of November.
- ❖ The day aims to build discipline, leadership, and patriotism among the youth of India.

- ❖ It marked the 78th anniversary of the NCC, which was officially established on 15 June 1948.
- ❖ NCC works under the Ministry of Defence with the motto “Unity and Discipline.”
- ❖ NCC began with 20,000 cadets in 1948 and has grown to 20 lakh cadets across 713 districts.
- ❖ The NCC flag has Red (Indian Army), Deep Blue (Indian Navy), and Light Blue (Indian Air Force) colours with the NCC crest in the centre.



Constitution Day of India 2025 - November 26

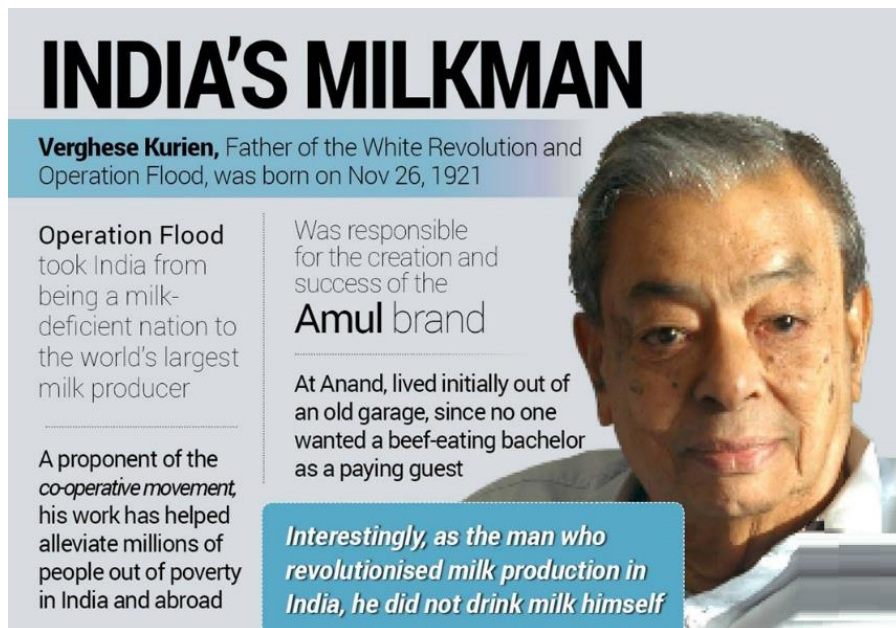


- ❖ Constitution Day / Samvidhan Diwas is observed to mark the adoption of the Constitution of India on 26 November 1949.

- ❖ The Constitution came into force on 26 January 1950, making India a sovereign republic.
- ❖ The Government of India declared 26 November as Constitution Day in 2015.
- ❖ The day aims to spread awareness about constitutional rights, duties, and democratic values among all citizens.
- ❖ The theme for 2025 is “Hamara Samvidhan – Hamara Swabhiman” (“Our Constitution – Our Pride”).

National Milk Day 2025 - November 26

- ❖ The day is observed to honour Dr Verghese Kurien (Father of the White Revolution).
- ❖ The day aims to spread awareness about the nutritional value of milk and the role of the dairy industry in supporting rural farmers.
- ❖ It marks Dr Kurien’s work in Operation Flood (1970), which helped India become the world’s largest milk producer.
- ❖ India now produces over 22% of the world’s milk, and the dairy sector adds 5.3% to India’s GDP.



INDIA'S MILKMAN

Verghese Kurien, Father of the White Revolution and Operation Flood, was born on Nov 26, 1921

Operation Flood took India from being a milk-deficient nation to the world's largest milk producer

A proponent of the *co-operative movement*, his work has helped alleviate millions of people out of poverty in India and abroad

Was responsible for the creation and success of the **Amul** brand

At Anand, lived initially out of an old garage, since no one wanted a beef-eating bachelor as a paying guest

Interestingly, as the man who revolutionised milk production in India, he did not drink milk himself

MISCELLANEOUS NEWS

Audit Diwas - November 16

- ❖ The 5th Audit Diwas was celebrated on 16 November 2025.

- ❖ It honours the role of the Comptroller and Auditor General (CAG) as the guardian of India's public money.
- ❖ India got its first Auditor General, Sir Edward Drummond, on November 16, 1860.
- ❖ India's audit system started in 1858 with a department that checked East India Company accounts.
- ❖ The Comptroller and Auditor General (CAG) is a constitutional body under Article 148 and audits Union and State Government money.
- ❖ The 2025 theme was "Guardian of the Public Purse".
- ❖ Two new audit groups, Central Revenue Audit (CRA) and Central Expenditure Audit (CEA), will begin on 1 January 2026.



Hayli Gubbi Volcano Eruption

- ❖ Hayli Gubbi volcano in Ethiopia erupted after nearly 12,000 years of dormancy.
- ❖ This shield type volcano, located in the Afar Depression within the East African Rift System (EARS), a tectonically active divergent plate boundary.
- ❖ The ash plume drifted across Yemen, Oman, the Arabian Sea, and is now moving toward western India, raising aviation and atmospheric concerns.



Ethiopia's Hayli Gubbi volcano erupts after 12,000 years

Hayli Gubbi

Hayli Gubbi



Eruption



Country: **Ethiopia**
Volcanic region: **Afar Rift Volcanic Province**
Parent range: **Erta Ale Range**
Landform/Type of Volcano: **Shield, Fissure vent**
Population within 10km: **83**
Summit: **493 m**

