

VETRI IAS STUDY CIRCLE

Current Affairs

(A book for TNPSC Examination)

OCTOBER 2025



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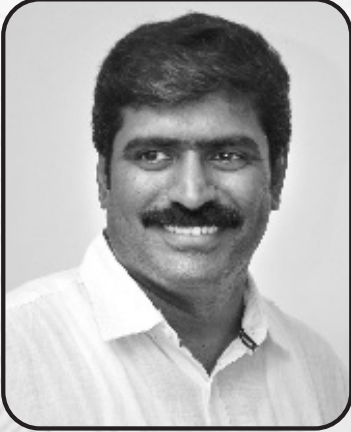
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Preface



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Vetrii IAS Study Circle.

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My Dear Aspirants,

Greetings to all of you! "What we think we become" Gautama Buddha. We all have dreams. To make dreams come into reality it takes a lot of determination, dedication, self discipline and continuous effort.

We at VETRII IAS Study Circle are committed to provide the right guidance, quality coaching and help every aspirants to achieve his or her life's cherished goal of becoming a civil servant.

The class room coaching at VETRII IAS Study Circle is meticulously planned to equip the aspirants with all the relevant facts and fundamentals of the subjects. Further the VETRII IAS Study Circle Study materials aim to support the candidate by providing the most relevant study material in a comprehensive manner.

We also thank other family members of Vetrii for making this effort a reality.

We wish the aspirants ALL THE VERY BEST
for their journey in Civil Services !

Published by:

VETRII IAS STUDY CIRCLE

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CURRENT FACTS

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GENERAL SCIENCE

Rabies Virus

- It is a deadly zoonotic disease caused by the Rabies virus (RABV) that attacks the nervous system.
- This virus spreads through the saliva of animals such as dogs and cats.
- It is a vaccine-preventable disease.

Scrub Typhus – Bacteria

- Scrub typhus is caused by bacteria called **Rickettsia**. When mites, insects, or other organisms infected with Rickettsia bite humans, they can transmit scrub typhus fever.
- The main symptoms include **fever, headache, body weakness, and rashes**.

European Bats

- Europe's **Greater Noctule** bats are capable of **hunting and eating small migratory birds while flying**.
- Previously, it was believed that bats could not perform this behavior.
- Bats have been observed hunting birds at **altitudes above 400 meters**.
- In one instance, a bat **captured a European Robin** and consumed it continuously while **flying for 20 minutes**.
- These bats use **ultrasonic echolocation**, which produces sound frequencies inaudible to birds.
- Additionally, their **powerful wingbeats** allow them to fly faster than birds, helping them **overtake and catch their prey**.

Acanthamoeba

- Kerala has reported a rise in amoebic meningoencephalitis cases, a rare but fatal brain infection caused by Acanthamoeba.
- It is a free-living amoeba, a kind of one-celled organism that lives in water, soil, and dust.
- It can also be found in swimming pools, hot tubs, drinking water systems, humidifiers, and in heating, ventilation, and air conditioning (HVAC) systems.
- Causes serious infections like Acanthamoeba keratitis (eye) and Granulomatous Amoebic Encephalitis (GAE) (brain).
- It can infect parts of the body through cuts or skin wounds or from being inhaled into the lungs or nostrils. It can get into the eyes through contact lens use.

Types of Infections Caused by Acanthamoeba

- Granulomatous amoebic encephalitis (GAE), which affects the brain and is almost always fatal
- Cutaneous acanthamoebiasis, a skin infection
- Acanthamoeba rhinosinusitis, an infection of the nasal cavity and sinuses
- Acanthamoeba keratitis: It is an eye infection that typically occurs in healthy people and can cause permanent vision loss.

SPACE

SpaceX's 11th Rocket Test Successfully Completed

- SpaceX's Starship rocket successfully completed its mission during its 11th test flight into space.
- The rocket was launched from SpaceX's Starbase in Texas, orbited the Earth, and deployed mock satellites as in previous tests. It then returned safely to land at the launch site.

- Standing at 123 meters, this is the world's largest and most powerful rocket, and NASA's space exploration program plans to use it in the coming years to send humans to the Moon.

Chandrayaan-2's observations of the lunar exosphere

- India's Chandrayaan-2 lunar orbiter made the first-ever observation of the effects of the sun's **Coronal Mass Ejection (CME)** on the moon.
- The observation was made by the Chandra's Atmospheric Composition Explorer-2 (CHACE-2) payload onboard the orbiter.
- CHACE-2 showed an increase in the total pressure of the dayside lunar exosphere (the moon's very thin atmosphere) when the CME impacted the moon.

Significance:

- It provides scientific insight into the lunar exosphere and space weather effects on the moon.
- It highlights the challenges for building scientific bases on the Moon, as lunar base architects must account for such extreme events that temporarily alter the lunar environment.

Chandrayaan-2 Mission

- Chandrayaan-2 was launched on July 22, 2019, using the GSLV-MkIII-M1 rocket.
- The mission orbiter carried eight experiment payloads. The Vikram lander lost communication while attempting a soft landing

Gaganyaan mission

- ISRO Chairman V. Narayanan stated that approximately 90% of the development work on the Gaganyaan mission has been completed.
- The mission to launch Indian astronauts into space is planned for 2027.

- **Objectives:** Demonstrate India's human spaceflight capability by launching crew of 3 members to an orbit of 400 km (Low Earth Orbit) for a 3 days mission and bring them back safely to earth, by landing in Indian sea waters.

Components of the Gaganyaan Mission

- **The Launch Vehicle Mark-3 (LVM-3):** Formerly known as the GSLV Mk-III
- It is a three-stage rocket with:
 - **First stage:** Two solid-fuel boosters strapped to the rocket core.
 - **Second stage:** Powered by two liquid-fuelled, clustered Vikas 2 engines.
 - **Third stage:** Equipped with the CE-20 indigenous cryogenic engine, using liquid hydrogen and liquid oxygen as fuel and oxidiser, respectively.

- Prior to the crewed mission, ISRO plans to undertake three uncrewed missions.

The **first uncrewed mission of Gaganyaan**, featuring the female humanoid Vyommitra, is expected to take flight by the end of this year.

- Two additional uncrewed missions, G-2 and G-3, are also scheduled for launch next year to further validate systems

CMS-03 communication satellite

- The Indian Space Research Organisation (ISRO) will launch military communications satellite CMS-03 on November 2 from the Satish Dhawan Space Centre in Sriharikota.
- It is also known as GSAT-7R, will be launched by the Launch Vehicle Mark 3 (LVM3).
- **Weight:** Approximately 4,400 kg.

- The **heaviest communication satellite** to be launched to **Geosynchronous Transfer Orbit (GTO)** from Indian soil.
- This will be the LVM3 rocket's first launch in over two years, with its last deployment being the launch of the Chandrayaan-3 mission in July 2023.

LVM-3 Rocket

- The LVM-3 rocket with the CMS-03 satellite for coastal surveillance is scheduled to be launched from Sriharikota in Andhra Pradesh on November 2.
- ISRO has so far launched 48 satellites to improve the country's communication facilities.
- In this regard, the service life of the GSAT-7 (Rukmani) satellite, which was launched in 2013, is about to end.
- In its place, ISRO has now designed the state-of-the-art CMS-03 (GSAT-7R) satellite at a cost of about Rs 1,600 crore.
- This satellite is scheduled to be launched from the Satish Dhawan Space Centre in Sriharikota on November 2 by the LVM-3 (GSLV Mark-3) rocket.
- CMS-03 satellite weighs 4,400 kg. It is the heaviest satellite ever launched into orbit.
- This satellite will be used for surveillance missions by the Indian Defense Ministry.
- It will help in monitoring the Indian coastal borders and improving communication services between warships and aircraft.
- This is the 5th launch of the LVM-3 rocket.
- Chandrayaan-3 spacecraft was previously successfully launched by this rocket.
- Latest inventions in science and technology

LATEST INVENTIONS IN SCIENCE AND TECHNOLOGY

NASA's 'Supersonic' Plane

- The US space agency NASA has successfully tested a new 'supersonic' plane that can travel faster than sound.
- The X-59, designed by Lockheed Martin for NASA, was designed with passenger traffic in mind.
- The plane was developed as part of NASA's effort to create a supersonic passenger plane that would not make noise.

New technology discovered that helps aircraft take off and land vertically

- Professor P.A. Ramakrishna, Associate Professor Joel George Manattrra, and researcher Ananthupathran of the Department of Aerospace Engineering at IIT Madras have discovered a new technology that helps aircraft take off and land vertically (Vertical Take-off & Landing VTOL).
- Using hybrid rocket propulsion, the aircraft can be launched vertically and land smoothly.
- This does not require long runways. This technology will be of great use in rugged terrains where runways and large airports cannot be built.
- Their research paper has been published in the world-renowned space research journal (Journal of Aeronautical and Space Sciences).

GEOGRAPHY

PHYSICAL GEOGRAPHY

Sawalkote Hydropower Project on Chenab

- An apex committee of the Environment Ministry has accorded a fresh environmental clearance to the Sawalkote hydroelectric project.
- It is a 1,856 MW run-of-the-river (uses the natural flow of a river with little or no water storage) hydroelectric project located on the Chenab River (a western river under IWT) in Ramban, J&K.
- It is reportedly the first major hydropower project on the Indus rivers to get environmental clearance following India's suspension of the Indus Waters Treaty (IWT) on April 23 (after the Pahalgam terror attack).
- Hydroelectric Project on Chenab River: The Chenab River hosts the 390-MW Dulhasti project at Kishtwar, the 890-MW Baglihar project at Ramban, and the 690-MW Salal project at Reasi. These projects significantly contribute to the region's energy supply.
- Chenab (or Chandrabhaga River) is the largest tributary of the Indus River, formed by the confluence of the Chandra and Bhaga rivers at Tandi, in Himachal Pradesh.

Almatti dam

- Karnataka is acquiring land to raise the height of Almatti Dam under Upper Krishna Project (UKP) Phase III to expand irrigation and improve water storage.

About Almatti Dam

- A hydroelectric and irrigation project forming the main reservoir of the Upper Krishna Irrigation Project in North Karnataka.
- The dam was completed in July 2005, with an installed power generation capacity of 290 MW.
- States Involved: Karnataka, Telangana, Andhra Pradesh, Maharashtra (all riparian states of the Krishna basin).

Major Dams on Krishna River

- Almatti Dam – Karnataka.
- Narayanpur Dam – Karnataka.
- Srisailem Dam – Andhra Pradesh/Telangana border.
- Nagarjuna Sagar Dam – Telangana/Andhra Pradesh.
- Jurala Project (Priyadarshini Dam) – Telangana.
- Pulichintala Project – Andhra Pradesh.
- Prakasam Barrage – Andhra Pradesh.

Northeast Monsoon

- The monsoon occurs in the tropical region, roughly between 20° North and 20° South latitudes.
- India's climate is described as a **monsoon type**.
- In Asia, this type of climate is mainly found in the south and southeast.

Rainfall in India

- **Southwest Monsoon:** About 75% of India's annual rainfall is received from the southwest monsoon between June and September.
- **Northeast Monsoon:** This occurs from October to December.

Northeast Monsoon

- Also called the **winter monsoon**, it is limited in extent and occurs mainly in the southern

peninsular region. It is referred to as the **winter rainfall**.

Koraput Coffee

- Koraput Coffee is a type of high-quality, sustainable Arabica coffee grown by tribal farmers in the Koraput district of Odisha, India.
- Koraput Coffee has been featured by NITI Aayog under its 'Aakanksha' initiative, which aims to promote rural livelihoods, ecological harmony and the 'Vocal for Local' campaign.

India's rich coffee regions:

- **Karnataka** (Largest producer of coffee in India - 70 %) - Chikmagalur, Coorg, Hassan
- **Kerala (2nd)** - Wayanad, Travancore, Malabar
- **Tamil Nadu (3rd)** - Pulney, Shevaroy, Nilgiri, Annamalai
- **Karnataka-TN border** - Biligiri
- **Northeast India** - Emerging in coffee cultivation

ENVIRONMENT AND ECOLOGY

4 Species on the Verge of Extinction

- The Tamil Nadu Government has announced a new project worth ₹1 crore to protect 4 species on the verge of extinction in Tamil Nadu.

Endangered Species

- Lion-tailed Macaque (சிங்கவால் குரங்கு)
- Madras Hedgehog (மெட்ராஸ் முள்ளம்பன்றி)
- Striped Hyena (வரிக் கழுதைப் புலி)
- Humpback Mahseer Fish (கூம்புத் தலை மஹ்சீர் மீன்)

Details of Conservation Funding

Species Name	Habitat	Government Funding
Lion-tailed Macaque	Western Ghats	₹48.50 lakhs

Madras Hedgehog	Tamil Nadu, Andhra Pradesh - Dry regions	₹20.50 lakhs
Striped Hyena	Mudumalai Tiger Reserve region	₹14 lakhs
Humpback Mahseer Fish	Moyar River	₹17 lakhs

Ethanol blending in petrol

- Union Home Minister Amit Shah stated that sugar mills have greatly benefited from the blending of ethanol with petrol.
- He also mentioned that the country's sugar production has increased by 1 million metric tonnes, while ethanol production capacity has increased fivefold and its distribution tenfold.
- He further announced that the GST on sugar has been reduced from 28% to 5%.

Ethanol

- Ethanol (C_2H_5OH) is a renewable, easily flammable, and colorless bio-alcohol.
- It is used as a transport fuel.
- In 2025, India achieved its 20% ethanol blending target.

Types of Ethanol

- **1st Generation Ethanol:** Produced from food crops such as sugarcane and maize.
- **2nd Generation Ethanol:** Produced from crop residues, bagasse, and bamboo.
- **3rd Generation Ethanol:** Produced from algae.

India - Third Position - e-waste management

- In 2025, India generated 2.2 million tonnes of e-waste.
- It ranks as the third-largest e-waste generator in the world.
- Most of this e-waste is informally recycled, causing the release of toxic substances into the

air and water, which leads to health hazards for e-waste workers and the wider community.

E-Waste (Management) Rules, 2022

- Focuses on proper recycling.

Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016

- Specifies guidelines for the safe handling and international transport of hazardous wastes.

National Action Plan for Chemical and Waste Management

- Reflects India's commitments to the Stockholm and Rotterdam Conventions.
- According to the 2021 E-Waste Inventorisation Report, Tamil Nadu is the second-largest e-waste generating state in India.

'National Red List Assessment of Indian Flora and Fauna'

- India is set to conduct a first-of-its-kind assessment of nearly 11,000 species of plants and animals in India.
- Assess species' extinction risks to guide conservation measures.
- The exercise is expected to go on till 2030.
- Vision - To establish a coordinated, science-based red listing system that accurately reflects the conservation status of Indian species.
- Goal - To publish National Red Data Books on flora and fauna by 2030, forming a central resource for conservation planning and threat mitigation.
- It follows IUCN Red List standards, the global benchmark for extinction risk assessment.
- International Commitments: Supports India's obligations under the Convention on Biological

Diversity (CBD) and Kunming-Montreal Global Biodiversity Framework (KM-GBF).

Indian wolf (Canis lupus pallipes)

- The Indian wolf (*Canis lupus pallipes*), which has the oldest living lineage of the world's wolves, is likely to be classified as a new species by the International Union for Conservation of Nature (IUCN).
- **Habitat:** It is a denizen of scrubland and grasslands and inhabits semi-arid areas.

Conservation Status

- Likely to be classified as a **distinct species** by IUCN.
- Currently listed as **"vulnerable"**.
- Included in **Schedule 1 of the Wildlife Protection Act**, offering legal protection.
- **Conservation Model:** Experts suggest the wolf, along with bustards and other species of open natural ecosystems serves as a "best model for co-existence" and does not require strict protected areas; this co-existence needs to be incentivized.

Kaziranga bird survey

- The Kaziranga National Park and Tiger Reserve recorded 146 species in the latest bird survey.
- The survey was conducted across five key locations – Agoratoli, Gamiri, Panbari, and Panpur ranges of the national park and the adjoining Laokhowa Wildlife Sanctuary.
- First of its kind in India: Focused exclusively on grassland bird species, often underrepresented in conventional bird surveys.

Kaziranga National Park

- It was established as a Reserve Forest in 1908 to protect the Indian rhinoceros, it became a Wildlife Sanctuary in 1950, National Park in

1974, and a UNESCO World Heritage Site in 1985. And it was declared as a Tiger Reserve in 2007 due to high tiger density.

- It is known for the Big Five: Rhinoceros, Tiger, Elephant, Asiatic Wild Buffalo, and Eastern Swamp Deer. Nearly the entire population of Eastern Swamp Deer is found here.
- It is located along the Brahmaputra River.

Forest cover increase - India ranks 9th globally

- This information has been released according to a new report released by the Food and Agriculture Organization (FAO) of the United Nations.
- India's total forest cover has increased to 9th globally. Moreover, India has consistently maintained the 3rd position in the annual increase in forest cover.
- According to the report, the total forest cover of the world is 4.14 billion hectares. Of this, only five countries - Russia, Brazil, Canada, the United States and China - have more than half of the forest cover (54 percent).
- India ranks 9th, following Australia, the Democratic Republic of the Congo and Indonesia.
- India ranks third in the annual increase in forest cover between 2015 and 2025, with 1.91 lakh hectares.

Asia's key role

- The report also highlighted that the Asian continent's forest cover is playing a key role in reducing global deforestation.
- Asia is the only region to have recorded an increase in forest cover during the period 1990-2025.

Coastal Green Wall

- A large green wall will be built in Andhra Pradesh to protect the coastline from degradation.
- With Andhra Pradesh's 1,053 km long coastline facing increasing threats to livelihoods and property loss, the government has decided to build a five km wide 'Andhra Pradesh Great Green Wall' by 2030.
- According to official sources, the wall will be designed to protect over three million people by serving as a "living ecological shield" while promoting biodiversity, climate resilience and sustainable development.

Zabarwan forest range

- The Zabarwan Range is a short sub-mountain range between Pir Panjal and the Great Himalayan Range in the central part of the Kashmir Valley.
- Specifically, the range is known to be what overlooks the Dal Lake and holds the Mughal gardens of Srinagar.
- The Shankaracharya Temple is built on the edge of the central part of the Zabarwan Range.
- The highest peak of this range is Mahadev Peak at 13,013 feet (3,966 m), which forms the distant background of the eastern mountain wall.
- On the northern slopes of the central part of the range, there are three Mughal gardens built by Emperor Shah Jahan.
- These include Chashma Shahi, Nishat Bagh and Shalimar Garden alongside the Pari Mahal (the fairy palace).
- The Dachigam National Park is the main feature of the range which holds the last viable population of Kashmir stag (Hangul) and the largest population of black bear in Asia.

INDIAN POLITY

Karur Incident

Disaster Management Act, 2005

- **Introduction:** A law enacted after the 2004 Tsunami disaster.
- **Objective:** To integrate disaster prevention, preparedness, relief, and recovery.
- **Chairman of the National Disaster Management Authority (NDMA)** – Prime Minister
- **Chairman of the State Disaster Management Authority (SDMA)** – Chief Minister
- **Chairman of the District Disaster Management Authority (DDMA)** – District Collector
- **Emergency Funds** – National (NDRF), State (SDRF).

Legal Provisions Related to the High Court

- The total sanctioned strength of judges in the Madras High Court is 75, while the current number of judges is 56.
- Articles 214 to 231 of the Constitution deal with the appointment and tenure of judges.
- Based on the recommendations of the Collegium, the President appoints judges to the Supreme Court and High Courts.

Collegium:

- It is a body consisting of the Chief Justice and senior judges of the Supreme Court and the High Courts in India.
- It is responsible for recommending and reviewing judicial appointments.

Contempt of Court

- According to the law, any act that undermines the authority of a court, disobeys its orders,

or obstructs the administration of justice is considered contempt of court.

- Contempt of court is classified into two types.

Contempt of Courts Act – 1971

- This Act was enacted based on the recommendations of the H.N. Sanyal Committee.

Civil Contempt:

- As per Section 2(b) of the Contempt of Courts Act, 1971, civil contempt occurs when a person wilfully disobeys any judgment, decree, direction, order, writ, or other process of a court, or wilfully breaches an undertaking given to the court.

Criminal Contempt:

- As per Section 2(c) of the Contempt of Courts Act, 1971, criminal contempt occurs when a person, through any form of publication such as writing, speech, signs, or visible representations, acts in a manner that disparages the court or undermines confidence in its judgments.

Constitutional Provisions:

- **Article 129:** The Supreme Court is a “Court of Record” and has the power to punish for contempt.
- **Article 215:** The High Courts of states are also “Courts of Record” and have the power to punish for contempt.

Mandal Commission

- The **Mandal Commission** was a commission that brought a significant turning point in India’s reservation system.

Formation of the Mandal Commission:

- The commission was **established in 1979**. It

was constituted by the then Prime Minister Morarji Desai.

- **B.P. Mandal** served as the **chairperson** of the commission.

Purpose:

- To recommend **reservations in jobs and educational opportunities for socially and educationally backward classes (OBCs)** in government services.

Recommendations (1980):

- **27% reservation** should be provided for **OBCs** in total government jobs.
- This brought the **total reservation to 49.5%** (including SC/ST).
- The **judgment in this case was delivered in 1992.**

Preventive Detention Laws

- **Article 19 of the Indian Constitution** guarantees fundamental freedoms such as freedom of speech, expression, and action.
- **Article 21 of the Indian Constitution** protects life and personal liberty, which includes the right to dignity and a decent life.
- **Articles 22(3)-(7) of the Indian Constitution** specify certain exceptions under which a person can be placed under preventive detention without being proven guilty of a crime. These articles also detail the safeguards available to a person under preventive detention and empower Parliament to enact preventive detention laws.
- **Article 22** provides protection against arbitrary arrest and detention in certain cases. It states that detained persons must be informed of the reasons for their detention and cannot be denied access to legal counsel. However,

preventive detention laws are exempted from some of these safeguards.

- **Article 22(4)** states that a person cannot be detained under preventive detention for more than three months unless an advisory board consisting of judges of a High Court recommends that there are sufficient grounds for such detention.

Judicial Decisions:

- In **2025, Dhanya M. vs State of Kerala** (under KAAPA, 2007), the Supreme Court of India emphasized that the extraordinary powers of preventive detention must be exercised sparingly and in strict accordance with constitutional safeguards.
- In **S.K. Nazneen vs State of Telangana (2023)**, the Court held that preventive detention is not justified if the case pertains only to a mere law and order issue.

Grama Sabha

- Chief Minister **M.K. Stalin** will address grama sabha meetings on October 11 through the **Bharat Net–Tamil Nadu Fibernet Corporation Ltd (Tanfinet) network**, covering about **10,000 villages across Tamil Nadu.**

Grama Sabha

- Gram Sabha is a body consisting of all persons whose names are included in the electoral rolls for the Panchayat at the village level. The term is defined in the Constitution of India under Article 243(b).
- The Constitution mentions that Gram Sabha exercises such powers and performs such functions at the village level as the Legislature of a State may, by law, provide.
- All eligible voters of the village can participate in the Gram Sabha.

- The decisions taken by the Gram Sabha cannot be annulled by any other body except itself.

Board (DTAB) and the Drug Consultative Committee (DCC).

SC Judgment on District Judges Eligibility

- Judicial officers with seven years of experience in the Bar before joining judicial service can now be appointed as District or Additional District Judges.
- Previously, only practising lawyers with seven years' experience were eligible for direct recruitment.
- Chief Justice Gavai reasoned that a lawyer does not cease to be a lawyer upon joining judicial service.
- Constitutional Basis: No eligibility restrictions under Article 233(2) for judicial officers already in service.
- Minimum age for appointment as District or Additional District Judge: 35 years as on the date of application - Constitution Bench.

Central Drugs Standard Control Organisation (CDSCO)

- The Central Drugs Standard Control Organisation (CDSCO) has asked the State governments to submit a list of all cough syrup manufacturers in India.

Central Drugs Standard Control Organisation (CDSCO)

- It functions as India's national regulatory body overseeing cosmetics, pharmaceuticals, and medical devices.
- The CDSCO is organized with the Drug Controller General of India (DCGI) overseeing pharmaceuticals and medical devices.
- It is assigned duties under Drugs and Cosmetics Act, 1940.
- The DCGI is situated within the Ministry of Health and Family Welfare and receives guidance from the Drug Technical Advisory

Functions of CDSCO

- Approval of new drugs and clinical trials
- Import Registration and Licensing
- License approving of Blood Banks, LVPs, Vaccines, DNA products & some Medical Devices (CLAA Scheme)
- Amendment to Drugs and Cosmetics Act and Rules
- Banning of drugs and cosmetics
- Grant of Test License, Personal License, NOCs for Export
- Testing of New Drugs
- Overnight and market Surveillance through Inspectorate of Centre Over and above the State Authority

Census 2027

- The Population Census will be completed in 2027, following a delay from its original 2021 schedule due to the COVID-19 pandemic.
- Census Phases (2026-2027): The main census exercise will be held in two phases:
 - Houselisting and Housing Schedule.
 - Population Enumeration.

- This will be India's first digital Census and the first to enumerate caste in independent India.

20th anniversary of the Right to Information Act, 2005

- It was enacted in June 2005 and came into force in October 2005.
- The act provides citizens the right to secure access to information under control of Public Authorities (PAs).
- Coordinating agency: Department of Personnel and Training under Ministry of Personnel, Public Grievances and Pensions (MoPPG&P).

- India enacted the "Freedom of Information Act, 2002" in order to promote, transparency and accountability in administration.
- Later, RTI Act 2005 replaced the Freedom of Information Act, 2002.
- 'Raj Narayan v/s Uttar Pradesh Government': Supreme Court established the Right to information as a fundamental right under the Article 19 of Indian Constitution.
- Central and State Information Commissions: to oversee its implementation and address appeals regarding non-disclosure of information.

The Central Information Commission (CIC)

- It is a statutory body in India, established under the provisions of the Right to Information Act (2005).

Composition of Central Information Commission (CIC)

- The Central Information Commission consists of a Chief Information Commissioner and not more than ten Information Commissioners.
- They are appointed by the President on the recommendation of a Committee consisting of:
- The Prime Minister as the Chairperson,
- The Leader of Opposition in the Lok Sabha, and
- A Union Cabinet Minister nominated by the Prime Minister.

Immigration and Foreigners Act, 2025

- This Act came into force on 1st September 2025.
- It consolidates India's immigration laws, strengthens penalties for forged documents, and enhances registration and monitoring of foreigners.

Election Commission of India

- The Election Commission of India (ECI) is an autonomous constitutional authority responsible for administering central and state election processes in India.
- It was established on 25 January 1950 under the Constitution of India (celebrated as National Voters' Day).
- The Commission's office is located in New Delhi.
- It conducts elections to the Lok Sabha, Rajya Sabha, State Legislative Assemblies, and the offices of President and Vice President of India.
- The ECI does not oversee elections for Panchayats or municipal bodies in the states; separate State Election Commissions handle these, as provided by the Constitution.
- The President of India appoints the Chief Election Commissioner (CEC) and other Election Commissioners, including their terms of office and conditions of service, as per the Election Commission (Conditions of Service of Election Commissioners and Transaction of Business) Act, 2023.
- **Part XV (Articles 324–329)** of the Constitution deals with elections and provides for the establishment of the Election Commission to manage electoral processes.

Gender Equity in Courts

- Women constitute only 14% of judges in the High Courts and a mere 3.1% in the Supreme Court.

About India Justice Report (IJR) 2025

- It is a national periodic assessment that evaluates the capacity of India's justice system across four key pillars—police, judiciary, prisons, and legal aid. It ranks states based on their performance in these areas, using metrics

such as human resources, infrastructure, budgets, workload, and diversity.

Key Highlights from the India Justice Report 2025

- Judicial Backlog and Vacancies: Pending cases have exceeded five crore, with high courts and district courts facing vacancy rates of 33% and 21%, respectively.
- 15 judges per 10 lakh population; Law Commission (1987) suggested 50 judges per 10 lakh population.
- Judges in Uttar Pradesh, Himachal Pradesh, and Kerala have workloads exceeding 4,000 cases per judge.

States-Level Findings

- Large States (population above 10 million): Karnataka once again takes top position and Andhra climbs to second from fifth.
- Telangana, eleventh in 2019, has retained its third position.
- Tamil Nadu ranks 5th overall among large states but 1st in prison management
- Small States (population up to 10 million): Sikkim retains its 1st rank among small states and is the only one to meet the 33% women judges' benchmark in High Courts.

National Commission for Minorities

- It is an autonomous body established by the Government of India in 1992.
- It was created under the National Commission for Minorities Act, 1992
- Its primary objective is to monitor the implementation of safeguards provided to minorities under the Indian Constitution.
- It also advises the Central and State Governments on issues related to the welfare and development of minorities.

Initially, five religious communities were declared as minorities:

- Muslims, Christians, Sikhs, Buddhists, Zoroastrians (Parsis)
- Later, in 2014, Jains were also declared as a minority community through an official notification.
- The six religious minority groups together constitute about 20% of the country's total population.

Protection of Children from Sexual Offences (POCSO) Act, 2012

- POCSO Act came into effect on 14th November 2012 which was enacted in consequence to India's ratification of the UN Convention on the Rights of the Child in 1992.
- It is the first comprehensive law in the country dealing specifically with sexual abuse of children

It is administered by the Ministry of Women and Child Development.

It was intended to protect children from sexual assault, sexual harassment and pornographic violations, as well as to establish Special Courts for such trials.

The Act defines a child as any person below the age of 18 years. The Act provides punishment as per the gravity of offence.

Prevention of Female Infanticide

This practice was implemented by the British government in 1870 and was later clarified in 1952.

Laws and Schemes

- PCPNDT Act, 1994 – prohibits sex-selective abortion.

- Cradle Baby Scheme (1992, Tamil Nadu) – provides a mechanism for safe delivery of the girl child.
- Beti Bachao, Beti Padhao (2015) – protects and educates the girl child.

Special powers under Article 371 of the Constitution

- Under Part XXI of the Constitution of India, grants certain temporary, interim and special powers to certain states.
- It has been a part of the Constitution since January 26, 1950.
- However, Articles 371(A-J) were brought in through amendments through Article 368.

Article 371

- It concerns the states of Maharashtra and Gujarat. According to this provision, the Governor of Maharashtra has the special responsibility of establishing separate development boards for Vidarbha, Marathwada and other parts of the state.
- The Governor of Gujarat has a similar responsibility for Saurashtra, Kutch and other parts of Gujarat.

Article 371A

- Under this provision, no Act of Parliament relating to the religious or social practices of the Nagas, their customary law and practice, including matters of civil and criminal justice, ownership or transfer of land and resources shall apply to Nagaland, unless the State Legislature passes a resolution to that effect.
- Furthermore, it gives the Governor 'special responsibility' for law and order in the State.

Article 371B

- This is for the State of Assam, which was introduced in 1969. It allows the President to

deal with the constitution and functioning of a Legislative Assembly consisting of members elected from the tribal areas.

Article 371C

- This applies to Manipur and was added to the Constitution in 1972. It provides for the constitution of a Assembly consisting of members of the Legislative Assembly from the hill areas of Manipur.
- It gives the Governor special responsibility to submit an annual report to the President on the administration of the hill areas.

Article 371D and E

- It contains special provisions for Andhra Pradesh and Telangana.
- The President can issue an order to provide equal opportunities and facilities to the people of different parts of Andhra Pradesh in public employment and education.

Article 371F

- It applies to Sikkim and states that the State Legislative Assembly shall have at least 30 members.
- The Governor has special responsibility to maintain peace and make equitable arrangements to ensure social and economic progress of various sections.

Article 371G

- It applies to Mizoram. It includes special provisions for the protection of religious and social practices, customary law and practices of the Mizos in Mizoram, as well as the administration of criminal and civil justice, except for the ownership and transfer of land.

Article 371H

- It gives special responsibility for law and order to the Governor of Arunachal Pradesh.

Article 371I

- It relates to Goa. It requires that the Goa Legislative Assembly shall have not less than 30 members.

Article 371J

- It grants special status to the Hyderabad-Karnataka region (Kalyana Karnataka) and provides for the establishment of a separate development board for the region.

Lokpal

- The number of complaints received by the Lokpal has decreased sharply from a peak of 2,469 in 2022-23 to just 233 this year (till September).

About Lokpal

- It is a statutory anti-corruption body established under Lokpal and Lokayuktas Act, 2013.
- Present Chairperson:** Justice Ajay Manikrao Khanwilkar.
- Composition:** Consists of a Chairperson and up to 8 Members, with 50% being Judicial Members.
- At least 50% of total Members must be from SC, ST, OBC, Minorities, and women.
- Term for members:** 5 years or till the age of 70 years.
- Appointment:** Appointed by the President after obtaining the recommendations of a Selection Committee consisting of,
 - Prime Minister (Chairperson)
 - Speaker of Lok Sabha
 - Leader of Opposition /Leader of single largest opposition party in Lok Sabha
 - Chief Justice of India/Judge of the Supreme Court nominated by him/her

- One eminent jurist to be nominated by the President

53rd Chief Justice of India

- Chief Justice of India (CJI) B.R. Gavai has recommended Justice Surya Kant as his successor.
- Justice Surya Kant is currently the senior-most judge of the Supreme Court.
- He will become the 53rd Chief Justice of India (CJI).
- The recommendation was made under the Memorandum of Procedure (MoP) governing appointments of the CJI and Supreme Court judges.
- CJI Gavai retires on November 24, 2025.

About Article 124

- The Constitution of India does not mention any procedure for appointing the CJI.
 - Article 124 (1) of the Constitution merely says, "There shall be a Supreme Court of India consisting of a Chief Justice of India."
- Clause (2) of Article 124 of the Constitution says that every Judge of the Supreme Court shall be appointed by the President.

Appointment of CJI

- The President appoints the CJI under Article 124(2) of the Constitution.
- The outgoing CJI recommends their successor based on seniority.
- The Union Law Minister forwards the recommendation to the Prime Minister, who then advises the President.
- As per the Second Judges Case (1993), the senior-most Supreme Court judge is appointed as the CJI.

SIR 2.0

- Election Commission (EC) launched the second phase of the Special Intensive Revision (SIR) of voter lists.
- The exercise will cover 51 crore voters across 12 States and Union Territories, including:
 - Tamil Nadu, West Bengal, Kerala, Puducherry, Uttar Pradesh, Madhya Pradesh, Rajasthan, Chhattisgarh, Goa, Gujarat, Andaman & Nicobar Islands, and Lakshadweep.
- **Assam excluded**
 - No SIR in Assam for now, as the State goes to polls next year.
- **Reason:** Assam has separate citizenship provisions under the Citizenship Act, and a citizenship verification process is underway under Supreme Court supervision.

Background

- **First phase of SIR:** Conducted in Bihar, resulting in deletion of over 68 lakh names from electoral rolls.
- Most States last held an SIR between 2002–2004.
- Current SIR aims to update and standardize voter addresses and correct discrepancies through voter mapping.



INDIAN ECONOMY

National Gross Domestic Product

- Suman Bery stated that there is a large gap between high-income and low-income states in the country's Gross Domestic Product (GDP).
- High-income states representing 26 percent of the country's population contribute 44 percent to the nation's GDP. At the same time, low-income states representing 38 percent of the population contribute only 19 percent.
- Compared to 2017-18, total employment increased by 15 crore in 2022-23. This includes 8 crore agricultural women workers and 4 crore unpaid family workers, stated Suman Bery.
- Gross Domestic Product: The total monetary value of all goods and services produced within a country's borders during a specific period (generally 1 year).
- Types:
 - Nominal GDP – At market prices.
 - Real GDP – Adjusted for inflation.
 - Per capita GDP – Average per person
- In India, the National Statistical Office (NSO) calculates GDP.

Asian Development Bank

- The Asian Development Bank (ADB) was established in 1966.
- Its headquarters is in Manila, Philippines.
- Objective: Economic development and social progress in Asian regions.
- Member countries: 68 countries (48 Asian and 20 other countries).

Benefits received by Tamil Nadu:

- Tamil Nadu Urban Development: Water supply, sewerage, drainage systems.
- Road Development: Industrial areas and state highways.
- Solar Power Projects: Open access solar power plants.
- Social Welfare Schemes: Housing for the poor, social development.

Global Fintech Fest 2025

- Prime Minister Narendra Modi addressed the Global Fintech Fest 2025 in Mumbai on 9, October.

About Fintech Sector

- Fintech sector comprises Digital Payments, Alternative Lending (crowd funding), InsureTech, Wealth Tech (investment platform) and Enabling Tech (services using AI, big data to support fintech).
- India's Fintech ecosystem is the 3rd largest in the world and growing at 14% CAGR.

Births Decline and Deaths Slightly Rise in India

- According to the Vital Statistics of India 2023, based on the Civil Registration System, 86.6 lakh deaths were registered in 2023.
- This is a slight increase over the 86.5 lakh deaths registered in 2022.

Decline in Births

- In 2023, 2.52 crore births were registered in India, which is approximately 2.32 lakh fewer than in 2022.

Sex Ratio at Birth (SRB)

- SRB is defined as the number of female births per 1,000 male births. **2023 SRB Data**

States with Highest SRB:

- Arunachal Pradesh – 1085, Nagaland – 1007
- Goa – 973, Tripura – 972

States with Lowest SRB:

- Jharkhand – 899, Bihar – 900, Telangana – 906, Maharashtra – 909, Gujarat – 910
- Overall, while the birth rate in India slightly declined in 2023, the death rate increased only marginally.
- At the same time, significant variations in the sex ratio at birth are observed across different states.

India's Growth Forecast for 2025: 6.6%**– IMF**

- The International Monetary Fund (IMF), headquartered in the United States, in its October update, revised India's growth forecast for 2025 upward by 20 basis points to 6.6%, but projected a decline to 6.2% in 2026.
- The global growth for 2025 is projected to increase by 20 basis points to 3.2%.

IMF

- Full form: International Monetary Fund – a global monetary organization.
- Headquarters: Washington, D.C., USA
- Established: 1944 at the Bretton Woods Conference; officially began operations in 1945.
- **Functions:**
 - Stabilizing global monetary systems
 - Providing assistance for trade deficits and currency crises
 - Promoting economic growth
 - Regulating currency fluctuations

- Providing financial support to borrowing countries

Goods and Services Tax (GST)

- It was introduced on July 1, 2017
- GST is a single indirect tax system.
- Through this, various taxes levied by the Central and State Governments were merged into one.
- Implements the principle of "One Nation, One Tax".
- Constitutional Amendment: GST was introduced by the 101st Constitutional Amendment, 2016.

GST Council

- Union Finance Minister – Chairman.
- All State Finance Ministers are members.
- Makes recommendations on rates, exemptions and policies.

8th Pay Commission

- The Central Government has constituted the Eighth Pay Commission headed by retired Supreme Court judge **Ranjana Prakash Desai** and approved its Terms of Reference
- This is likely to be implemented from January 1, 2026.
- The Central Government has constituted the Pay Commission to revise the basic pay, dearness allowance, pension and other cash benefits of central government employees based on price rise and inflation and has been implementing pay hikes and dearness allowance hikes every 6 months on the basis of its recommendations.

TAMIL NADU

Gandhiji's 157th birth anniversary

- On behalf of the Tamil Nadu Government, Gandhiji's 157th birth anniversary is being celebrated.

Gandhi – Brief Notes

- Birth:** 2 October 1869, Porbandar, Gujarat.
- Death:** 30 January 1948, Delhi.
- Netaji Subhas Chandra Bose was the first person to call him the Father of the Nation.
- It is said that Rabindranath Tagore conferred the title "Mahatma" on Gandhiji.
- He edited several newspapers, including Harijan in Gujarati, Indian Opinion in South Africa, and Young India in English.
- He also wrote several books, among which his autobiography "The Story of My Experiments with Truth" is important.

Naan Muthalvan Scheme

- Launched in March 2022 by Tamil Nadu Chief Minister M.K. Stalin.
- Its objective is to provide skill training to 10 lakh students annually.
- It is a comprehensive program that develops the skills of Tamil Nadu youth and prepares them for employment.

The Central Government has allocated ₹4,144 crore to Tamil Nadu for the implementation of the Free and Compulsory Education Scheme.

Right to Education Act

- Free and compulsory education for children aged 6–14 years.
- Article 21A – Added to the Indian Constitution through the 86th Amendment in 2002.

- The Right of Children to Free and Compulsory Education Act was enacted in 2009.
- Date of implementation: 1st April 2010.

Chief Minister's Cup State-Level Competitions

- The state-level sports competitions for the Chief Minister's Cup have begun.
- They are being held at the Jawaharlal Nehru Stadium, Chennai.
- Organized by the Department of Youth Welfare and Sports Development.
- The aim is to develop and identify sporting talent at the state level.

According to NCRB, Crimes Against the Elderly: Tamil Nadu ranks 4th

State-wise Crime Records

- Highest number of economic crimes – Rajasthan (First position)
- Highest number of crimes against women – Uttar Pradesh (First position)
- Highest number of crimes against Scheduled Castes – Uttar Pradesh (First position)
- Highest number of crimes against children – Madhya Pradesh (First position)
- Highest number of crimes against the elderly – Madhya Pradesh (First position)
- Highest number of cyber crimes – Karnataka (First position)
- Highest number of crimes against Scheduled Tribes – Manipur (First position)

NCRB (National Crime Records Bureau)

- Established: 1986
- Headquarters: New Delhi
- Objective: To collect and analyze crime data and assist law enforcement agencies with information.

India's First Dedicated Website for Pet Animals

- Chennai Corporation has launched a new website for integrated management of street dogs, including microchipping for monitoring, licensing, and rabies vaccination.
- The website was inaugurated by Chennai Mayor R. Priya.
- Pet animal licenses can be obtained through the website: www.chennaicorporation.gov.in
- This is the first such initiative in the country for pet animal management.

Annie Besant

- Birth: October 1, 1847, London, England
- Death: September 20, 1933, Adyar, Chennai (Old Madras), India
- Joined the National Secular Society in 1874
- Wrote numerous political and freethinking books and pamphlets from 1874-88
- Became the second International President of the Theosophical Society
- Was awarded the Doctor of Letters degree
- Launched the Home Rule Movement in 1916 along with Bal Gangadhar Tilak, which spread across the country
- Imprisoned for three months in 1917
- Founded the Indian Youth Association in 1914

Global Entrepreneurship Congress

- The Congress is being held in Coimbatore
- Entrepreneurs from 39 countries are participating
- Scheduled for October 9 and 10
- Chief Minister M.K. Stalin will inaugurate the conference

- Deputy Chief Minister Udhayanidhi Stalin will release its logo and website

Veteran Journalist T.J.S. George

- Senior journalist, columnist, Director of Express Publications (Madurai) Private Limited, and Editorial Advisor of The New Indian Express English daily.

Career Highlights

- Began journalism career in 1950 with The Free Press Journal in Mumbai
- First Indian editor to be arrested under the Sedition Act

Awards

- 2011: Padma Bhushan from the Central Government for achievements in journalism
- 2007: Karnataka Rajyotsava Award from the Karnataka Government

Thayumanavar Scheme

- This is a scheme launched by the Tamil Nadu Government in 2024.
- Generally brought to uplift poor families.
- Its objectives include: household ration distribution, educational assistance, employment, housing, and social security.
- This scheme is designed for: senior citizens (70+), persons with disabilities, poor families, destitute families, and orphans.

Exclusive Village Project for Mahouts

- The Tamil Nadu government has established a village for mahouts with 47 staff quarters at the **Kozhikamuthi camp** located in the Anamalai Tiger Reserve.
- The village was inaugurated virtually by Chief Minister M.K. Stalin.
- This is India's second exclusive village for mahouts.

- The first specialized elephant hospital in India opened in November 2018, in Churmura village, Mathura UTTAR PRATHESH.
- The project has been implemented through the Department of Welfare of the Differently Abled (People Welfare Department).

Zoological Park Development Project

- The Tamil Nadu government has approved a fund of ₹35 crore for the development of four zoological parks in the state.

Parks to be developed:

Vandalur	Arignar Anna Zoological Park	Chennai
Guindy	Children's Nature Park	Chennai
Kurumbapatti	Zoological Park	Salem
Amirthi	Zoological Park	Vellore

Chief Minister's Health Insurance Scheme

- This is a Welfare Scheme
- Chief Minister Comprehensive Health Insurance Scheme launched on 23.07.2009 as kalaingar Kaappittu Thittam.
- After - The scheme was changed in 2012 by the Honorable former Chief Minister Selvi J.Jayalithaa.
- **Purpose:** To provide high-quality medical services free of cost to economically disadvantaged families.
- Under this scheme, treatment is provided free or at a subsidized cost in both government and private hospitals
- The scheme is implemented under the Health and Family Welfare Department.

Tamil Nadu's Research and Development Ecosystem

- **Two reports released by the Minister at the event**
- A compendium reflecting the **15-year journey** and contributions of the **Tamil Nadu State Land Use Research Board.**
- A coffee table book based on research conducted by the **Salim Ali Centre for Ornithology and Natural History.**
- Target of Rs.75,000 crore investment set in the Defence Sector

Tamil Nadu has set this investment target

- A conference for companies related to the aerospace and defence industries is being held at the Chennai Nandambakkam Trade Centre.
- Defence Industry Projects in Tamil Nadu:
- **Coimbatore - Varapatti:** Defence Industrial Park
- **Sulur:** Aerospace Park with direct runway access for aircraft repair and maintenance operations
- **Chennai - Vallam Vadagal:** Aero Hub for design, research, and testing facilities for aerospace companies

Information on the Increase in the Elephant Population

- The number of elephants in Tamil Nadu's forest areas has increased.
- The State Forest Minister announced this information during the Wildlife Week celebration event.
- At present, there are 3,170 elephants in Tamil Nadu's forest regions.
- Project Elephant was initiated in 1992 as a Centrally Sponsored Scheme (CSS) by the

Ministry of Environment, Forest and Climate Change of the Government of India. The project was initiated to protect the Indian elephant and its habitats and to establish dedicated elephant reserves for sustaining elephant populations.

- This is 107 more elephants compared to the previous year.

Wildlife Week Celebration:

- The first Wildlife Week in India was launched in 1952.
- This event is celebrated every year from October 2 to 8 across India.
- Its objective is to create awareness among the public about the need to protect wildlife and their natural habitats.

Chennai One – Mobile Application

- This is the **first app in the country** designed to integrate **all public transport systems** in one platform.
- It has been developed by the Chennai Metropolitan Transport Authority (CMTA) to promote the use of public transport in Chennai.
- The app was **launched on September 22 by the Chief Minister of Tamil Nadu**.
- Using this app, commuters can travel seamlessly by **city buses, metro trains, and suburban trains**.
- The app is available in **four languages – English, Tamil, Telugu, and Kannada**.

Tamil Nadu Government – Government Order Issued

- The Tamil Nadu Government has issued an order stating that people visiting hospitals should no longer be called “patients” but instead referred to as “medical beneficiaries.”

- The Chief Minister announced this during the launch of the “Nalam Kaakkum Stalin” scheme.

Nalam Kaakkum Stalin Scheme

- Launched on August 2, 2025.
- It is an initiative to provide free specialized medical check-ups and primary treatments to the public at locations near their residences.

The Longest Bridge in South India

- It has been constructed in Avinashi area of Coimbatore district.
- The bridge has been named after G.T. Naidu.
- A new technology called “Sinus Plate” has been used in this bridge.
- Its width is 17.25 meters and its length is 10.10 kilometers.

Animal Exchange Programme

- This is a scheme that allows the exchange of animals between zoos at the State, National, and International levels with due permission.

Launched in	1992
Introduced by	Ministry of Environment, Forest and Climate Change Government of India
Objectives	To conserve genetic diversity To promote breeding
Legal Basis:	Wildlife Protection Act, 1972 and Wildlife Protection Amendment Act 1992

Tamil Nadu Government’s “Vettri Nichayam” Scheme

- The Tamil Nadu Skill Development Corporation (TNSDC) has launched this scheme.
- Through this initiative, a new programme called GenRise will be introduced.

- Implemented in collaboration with Generation India Foundation, the scheme aims to enhance the skills of 35,000 young women and men and empower them by March 2028.

GenRise:

- The objective of this initiative is to ensure that youth from every part of the state have the opportunity to rise, succeed, and contribute meaningfully to the growing economy.

New technology to produce seafood products

- The Tamil Nadu Government's Guidance Bureau, the European Free Trade Association (EFTA), and the Southern India Chamber of Commerce and Industry (SICCI) jointly held discussions with countries such as Switzerland, Iceland, and Norway on industrial and trade opportunities.
- The conference was held in Chennai.
- Efforts are being made to introduce a project in Tamil Nadu to set up fish farms in the sea itself and produce seafood products using modern technology.

Revenue Department Day – July 1

- The Tamil Nadu government has announced that July 1, which marks the beginning of the harvest season, will be celebrated as Revenue Department Day.
- The government issued this announcement in recognition of the excellent work and service of the Revenue Department.

Order issued to remove caste-based names from Tamil Nadu streets and roads

- The Municipal Administration and Water Supply Department of the Tamil Nadu government has issued an order to remove caste-based names from streets and roads.

- The department has released guidelines for removing or renaming residential areas, streets, roads, water bodies, and other public infrastructure that bear caste names.

- As an alternative to caste-based names, the Tamil Nadu government has suggested new names for ponds, water bodies, streets, and roads.

- Ponds and water bodies: The suggested names include Roja (Rose), Malli (Jasmine), Sembaruthi (Hibiscus), Sooriyakandhi (Sunflower), Saamanthi (Chrysanthemum), Thaazhampoo (Screw pine flower), Kandhal (Glory lily), Kanakambaram (Crossandra), Konrai (Cassia), Maghizhamboo (Mimusops elengi), Mullai (Jasmine), Senbagam (Michelia champaca), Kuvalai (Water lily), Kurinji, and Sevvanthi (Chrysanthemum).

- Streets and roads: The suggested names include Thiruvalluvar, Avvaiyar, Kapilar, Seethalai Saathanaar, Nakkeerar, Pisirandhaiyaar, Kambar, Agathiyar, Veeramamunivar, Bharathiyar, Bharathidasan, Mahatma Gandhi, Thanthai Periyar, Perarignar Anna, Kamarajar, and Kalaignar.

Tamil Nadu's Fourth Biodiversity Heritage Site

- The Nagamalai Hill in Erode district has been declared as Tamil Nadu's fourth Biodiversity Heritage Site by the Government of Tamil Nadu.
- This announcement was made by the State Department of Environment, Climate Change and Forests.
- Tamil Nadu has 20 Ramsar sites, the highest number in India.
- Biodiversity Heritage Sites are designated areas aimed at protecting rare, endangered,

and threatened species, and promoting their conservation and breeding.

- Last year, Arittapatti in Madurai district was declared a Biodiversity Heritage Site, followed by Kaasampatti in Dindigul district and Elathur Lake in Erode district this year.

Nagamalai Hill

- The hill covers an area of 32.22.50 hectares.
- It serves as an important habitat for migratory and local birds, aquatic species, and wetland ecosystems.
- The hill is home to 138 plant species, 118 bird species, 7 mammals, 11 reptiles, 5 spiders, and 71 insect species.
- Rare bird species such as the Spotted Eagle, Pale Harrier, and Pennell's Eagle are also found here.
- The area also contains Iron Age stone circles, rock shelters, and ancient artefacts discovered by archaeologists.
- Additionally, a 400-year-old stone-carved idol of Anjaneyar Swamy (Lord Hanuman), registered by the Department of Archaeology, has been found in this region.

Mudhalvar Marundhagam Scheme

- This scheme was launched on 24-02-2024 by the Tamil Nadu Health Department.
- A total of 1,000 pharmacies are to be established across Tamil Nadu under this scheme.
- Under this scheme, medicines are sold at 25% less than the purchase price and up to 75% lower than the prices available in private pharmacies.

Seven-member High-Level Committee to Resolve Issues Related to Ryotwari Patta Lands

- Ryotwari land refers to lands directly granted by the government to individuals, particularly in the states of **Tamil Nadu, Kerala, and Karnataka.**

- To address issues related to **Ryotwari Patta lands**, the **Tamil Nadu Government** has constituted a **seven-member high-level committee.**

- The **Chief Secretary** will serve as the **Chairperson** of this committee.

Tamil Nadu Heritage Commission (TNHC)

- Madras High Court directed Tamil Nadu government to constitute the Tamil Nadu Heritage Commission (TNHC) within four weeks.
- TNHC is meant to protect age-old buildings and premises not covered under central or state ancient monuments laws.

Background

- TNHC Act enacted in 2012, but remained dormant for 12 years.
- Brought into force on March 12, 2024.
- Commission not yet constituted even after the law came into effect.

Composition of TNHC

- Chaired by an eminent person committed to heritage conservation.
- Maximum 16 members, including ex-officio members: Tourism Secretary, Urban Development Secretary, Municipal Administration Secretary, Rural Development Secretary, Law Secretary.

Ancient Monuments and Archaeological Sites and Remains Act - 1958

- This Act was created to protect, maintain and study ancient temples, monuments, antiquities, archaeological sites etc. in India.

Some places protected under this Act in Tamil Nadu:

- Pallava monuments of Mamallapuram
- Thanjavur Big Temple
- Tiruvannamalai Arunachaleswarar Temple
- Kanchipuram Gangaikonda Cholapuram
- Keezhadi Archaeological Site, etc.

ASI documents 10 Chola-era inscriptions

- The Epigraphy Division of the Archaeological Survey of India (ASI) documented 10 rare Chola-era inscriptions from the Vedapureeswarar temple at Therazhundur in Mayiladuthurai district.
- Door jamb inscriptions in Tamil, 12th Century CE, from Kulottunga Chola I (34th & 44th regnal years).
 - Record grant of five kāsū to Brahmins for lighting lamps ('Tiruvilakku' and 'Sandhivilakku').
- Mahamandapam inscriptions from Kulottunga Chola III record donations for Tirumanjanam and fines on defaulters.
 - One inscription from Rajaraja II records donations for Nundavilakku.
- Temple belongs to the early period of imperial Cholas.

Tamil Nadu Launches Co-Creation Fund to Assist Start-up Initiatives

- Tamil Nadu government to launch a ₹100 crore co-creation fund to invest in venture capital funds that support local start-ups at the inauguration of the Global Startup Summit in Coimbatore on 9, October.
- Managed by Tamil Nadu Startup and Innovation Mission (StartupTN).
- Aim: Create new Venture Capital firms in the State and attract global investment.

- It will strengthen Tamil Nadu's startup ecosystem and help achieve a \$1 trillion economy by 2030.
- According to the Global Entrepreneurship Index Report 2024, Chennai is ranked 18th at the Asian level.

Startup Growth in Tamil Nadu:

- Number of start-ups increased six-fold in four years: from 2,032 to 12,000.
- 50% of start-ups are women-led.
- Investment capacity grew from \$1 million (2016) to \$6 million (2024) per start-up.
- TN recognized as a model State by Atal Innovation Mission for innovation ecosystem.

TANSEED - Connecting Platform

- This scheme is being implemented to provide seed funding so that start-up companies in the initial stage do not give up their efforts due to lack of financial assistance.

'TAN Fund' - Connecting Platform

- An investor connecting platform called 'TAN Fund' has been launched with the aim of connecting entrepreneurial companies that need investment and investors.
- A primary action plan called 'Vision 2035' has been created to build Tamil Nadu as a suitable leading state for start-up companies.

Release of the Critical Anthology on Sahitya Akademi Award-Winning Works

- The event was organised by the Department of Tamil, D.G. Vaishnav College, Arumbakkam, Chennai.
- The works of 28 writers who had received the Sahitya Akademi Award were critically analysed by 28 professors 27 from the Tamil Department and one from the Sanskrit Department – and compiled into a collection of critical essays.

Sahitya Akademi Award

- It is a prestigious award presented annually by the Government of India at both the national and state levels.
- The award is given for outstanding literary works such as short stories, novels, literary criticism, and other forms of writing in twenty-four Indian languages.
- The award was first instituted and presented in the year 1954.

Mukurthi National Park (MNP)

- A radio-collared Nilgiri tahr fitted in December 2024 was killed by a tiger in Mukurthi National Park (MNP).
- The radio-collaring and monitoring is one of the nine components of the Project Nilgiri Tahr.
- It is located in the western corner of the Nilgiris Plateau in the northwest corner of Tamil Nadu.
- The park was created to protect its keystone species, the Nilgiri tahr.
- Pykara and Kundah rivers flow through the park along with several perennial streams that originate in the park and drain into the Bhavani Puzha.
- It is designated as the UNESCO World Heritage Site.
- The Park is characterised by montane grasslands and shrublands interspersed with sholas in a high altitude area of high rainfall.

Iron Age culture near the Western Ghats in Tamil Nadu

- The excavations confirm the presence of an Iron Age culture near the Western Ghats in Tamil Nadu.
- The culture is considered akin to those found at Adichanallur and Sivagalai.

- Tentative estimates place the site's date in the early to mid-third millennium BCE, similar to the dating of Adichanallur and Sivagalai (e.g., between 3,345 BCE and 2,513 BCE). The exact period awaits scientific analyses.
- A rectangular stone slab chamber with urn burials and urns was unearthed—a first-of-its-kind discovery in Tamil Nadu. The chamber was made of 35 stone slabs and filled with cobblestones.
- A rich collection of ceramics was found, including white-painted black-and-red ware, red ware, red-slipped ware, black-polished ware, and coarse red ware.
- The white-painted designs on black-and-red ware, black ware, and black-slipped ware are a unique feature shared with sites like Adichanallur and Sivagalai.
- Symbols on the urns were a significant discovery. One red-slipped pot had dotted designs showing a human figure, a mountain, a deer, and a tortoise.
- **Significance:** Provides evidence of Iron Age culture near Western Ghats, with features comparable to Adichanallur, Sivagalai, Thulukkarpatti, and Korkai.

Vidiyal Payanam Thittam

- 3.97 Crore people benefited from the free-travel Vidiyal Payanam Thittam.
- Started in the year 2021, the scheme was initially known as "Zero Ticket Bus Travel Scheme for Women".
- Through this scheme, the state government provides free bus travel to beneficiaries women across the Tamil Nadu.
- The primary objective of this scheme is to offer free bus travel to women and alleviate their financial burden.

Vidiyal Payanam Thittam to Differently-abled People Living in Hilly Areas

- The Vidiyal Payanam Thittam (Free travel for women and now PwD) has been expanded to cover differently-abled persons (PwD) traveling in hilly areas.
- The Tamil Nadu government has issued the order for this extension.
- Beneficiaries: Differently-abled persons with 40% or more disability are eligible.
- One attendant accompanying the eligible differently-abled person is also permitted to travel free of charge.
- Applicable Route: Ordinary fare buses operating within a range of 35 km to 40 km in hilly regions and connected areas.
- The expansion was announced by the Chief Minister on August 15 (Independence Day).

Kalaigarnar's Dream Home Scheme

- This is a housing scheme launched by the Tamil Nadu government.
- The scheme was initiated in 2023 by the Chief Minister.
- It is implemented through the Tamil Nadu Slum Clearance Board and the Urban Development Department.
- The objective of the scheme is to ensure that every citizen receives a modern, well-equipped residence of their own.

Our Village, Our Government" Scheme

- This scheme was launched by the Chief Minister in 2024.
- Its purpose is to directly engage with the public to address their requests, complaints, and issues.
- It operates under the direct supervision of the Chief Minister's Office.

Scheme for Collecting Unused Items from Households

- This scheme was launched in April 2024.
- It was initiated by the Chennai Municipal Corporation.
- The objective of the scheme is to collect large unused items directly from homes so that they are not dumped on the streets, ensuring proper disposal from households themselves.

Establishment of International-Standard Colored Fish Trade Centre

- For the first time in India, this centre has been set up in Kolathur, Chennai. It was inaugurated by the Chief Minister on 11th October 2025.
- The centre is built on a land area of 15,945 square meters.
- This scheme was announced in the 2020–2021 Union Budget.

Safe Housing for Transgender Persons – "Aran Illam"

- On 13 October 2025, the Chief Minister launched a scheme called "Aran Illam", providing safe housing for transgender persons.
- Considering the **social, mental health, and safety challenges** faced by transgender individuals, special centers under this scheme will create secure, respectful, and dignified living environments.
- The **first centers** have been established in **Chennai (Central Chennai) and Madurai (Anna Nagar)**.
- Transgender persons aged 18 and above, who are rejected by family, transgender, or intersex individuals, can stay in these centers from one week up to a maximum of three years. Each center can accommodate 25 residents at a time.

- The centers will also provide:
 - Guidance to start self-employment,
 - Financial assistance,
 - Support for filing complaints against violence or discrimination,
 - Free legal aid, and
 - Awareness programs on rights and entitlements.

Inauguration of “Mission Mausam” Centre

- The “Mission Mausam” centre has been established by the **Ministry of Earth Sciences** using advanced technological instruments to study weather and environmental changes.
- The centre is located at Sathyabama Institute of Science and Technology, Semmancheri, Chennai.

About Mission Mausam:

- It was launched in 2024 by the Ministry of Earth Sciences.
- The mission aims to enhance weather and climate services.
- Through this initiative, accurate and timely forecasts, models, and early warning information will be provided for multiple sectors such as:
 - Agriculture,
 - Disaster management, and
 - Rural development.

India Ranks First Globally in National Highway Connectivity

- The Minister of Road Transport and Highways stated that India currently ranks first globally in terms of national highway connectivity.
- In automobile production worldwide, the USA ranks first, China second, and India third.

- In Tamil Nadu, 50% of production from two-wheeler manufacturing units is exported.
- Globally, India ranks fourth in the economy.

Mullaperiyar Dam

- The Mullaperiyar Dam is one of India’s most important and historically renowned dams.
- It is located in the Idukki district of Kerala.
- However, the water from this dam is supplied to the state of Tamil Nadu.
- The dam is named “Mullaperiyar” because it is situated at the confluence of the Mullayar and Periyar rivers.
- The primary purpose of the Mullaperiyar Dam is to divert water from the west-flowing Periyar River eastward to supply water to the drought-prone regions of Tamil Nadu.

Startup Ecosystem in Tamil Nadu: Opportunities and Challenges”

- The Tamil Nadu State Planning Team’s report titled “Startup Ecosystem in Tamil Nadu: Opportunities and Challenges” recommends that financial procedures for startups should be simplified, market access improved, and public procurement given importance.
- The report also states that if the government funding application process is made easier, more people are likely to apply for such support.

Kalaigiar Magalir Urimai Thogai Thittam

- This scheme was launched by the Tamil Nadu government on 15 September 2023.
- The scheme aims to provide a monthly financial assistance of ₹1,000 to women who are heads of their households, with the goal of improving their livelihood and economic well-being.

Agreement between Tamil Nadu and Italy

- At the Frankfurt International Book Fair in Germany, an MoU was signed between Tamil Nadu and the Bologna Children's Book Fair organization of Italy for literary and cultural exchange.
- On behalf of the Tamil Nadu government, a 10-member delegation led by P. Chandramohan, Principal Secretary of the School Education Department, participated and set up a special pavilion.
- Through this initiative, Tamil literary works are expected to reach readers across the world.

Australia's Interest in Partnership with Tamil Nadu

- The Government of South Australia has expressed interest in collaborating with Tamil Nadu and Chennai in the field of water management. Karleen Maywald, South Australia's Ambassador for Environment and Water, stated that they aim to share their expertise and innovative technologies through institutional and commercial partnerships.
- We are keen to share our knowledge gained in understanding the challenges of water management
- In Tamil Nadu, especially in Chennai. Our goal is to introduce innovative and cost-effective water management technologies to ensure safe drinking water supply," she said.

Dugong conservation centre

- The International Dugong Conservation Centre (IDCC) is proposed to be built at Sarabendrarajanpattinam village, Pattukottai taluk, Thanjavur district.
- The site is located within a No-Development Zone under the Coastal Regulation Zone (CRZ) guidelines.

- The IDCC is to be established under the TN-SHORE (Tamil Nadu Sustainably Harnessing Ocean Resources and Blue Economy) initiative.
- It aims to conserve the "endangered" Dugong species, a marine mammal also known as "sea cow" and its habitat in the Palk Bay.
- Recognised by IUCN in 2025 as a pioneering step for marine biodiversity and community-led conservation.

About Dugong (Sea Cow)

- Key Feature: Only marine herbivorous mammals that depend on seagrass.
- Distribution: In India, apart from Palk Bay (highest), it is also found in Gulf of Mannar, Gulf of Kutch, etc.
- Status:

- IUCN Redlist status: Vulnerable
- Listed in Schedule I of the Wild Life (Protection) Act, 1972.

Tamil Nadu Global Start-up Summit (TNGSS) 2025

- The Tamil Nadu Global Start-up Summit (TNGSS) 2025, a major milestone in India's innovation landscape, was held in Coimbatore.
- The summit highlighted Tamil Nadu's transformation into a leading hub for entrepreneurship and technology-driven innovation and demonstrated the state's commitment to empowering start-ups and investors.
- Tamil Nadu's registered start-ups saw a dramatic increase from 2,032 in 2021 to over 12,000 in 2025 (one of the fastest growth rates nationally).
- The summit was organized by the Tamil Nadu Start-up and Innovation Mission (StartupTN), a state agency under the Department of MSME, which provides funding, incubation, and mentorship.

- The 2025 summit's theme was "Disrupt to Rise," promoting bold innovation, transformative ideas, and breaking conventional models.
- The launch of the TNGSS app was a highlight, featuring AI-based matchmaking, event scheduling, and personalized networking tools.
- Tamil Nadu aims to create one lakh direct jobs through start-ups by 2030 and reinforces the state's vision to build a self-sustaining innovation ecosystem.
- Coimbatore – Known as the "Manchester of South India"; a key hub for technology and manufacturing start-ups.
- Tamil Nadu ranks among the top five Indian states in start-up registrations under DPIIT.
- Kurinji flowers once in a lifetime, like bamboo, and dies after flowering, relying on seed germination for the next generation.
- Color variations include purple, blue, white, and pink, with multiple shades for each.
- The Tamil Nadu government has notified over 90 new forest areas in the last four-and-a-half years to increase green cover.

Neelakurinji

- It is a shrub native to the shola forests of the Western Ghats. It is found in abundance in the Kodaikanal region of Tamil Nadu.
- The plant blooms once every 12 years and is classified as Vulnerable on the IUCN Red List.
- The Nilgiris ("Blue Mountains") get their name from its blue flowers.

Cultural Significance

- In local mythology, the Kurinji flower is associated with Lord Muruga.
- Among the Muthuvas and Todas tribes, Kurinji symbolizes love and passion.

Ecological Significance

- Kurinji blooms act as a natural indicator of climate and grassland health.
 - Mass flowering = sign of healthy grasslands.
 - Patchy flowering = result of ecological disturbance.

Kurinji Bloom in Gudalur

- The mass flowering of Kurinji after eight years in Tamil Nadu's newly notified Gudalur Reserve Forest in the Nilgiris signals biodiversity recovery and serves as an indicator of healthy grasslands and changing climate conditions.
- In Gudalur, the mass bloom is of another species of kurinji, *Strobilanthes sessilis*, which blooms once in eight years.
- **Both are grassland species but isolated to different altitudes:** neelakurinji occurs in grasslands of altitude above 1,300 metres, and *sessilis* in the lower altitudes.
- Over 60 species of Kurinji, including Neelakurinji (*Strobilanthes kunthiana*), are endemic to the Western Ghats, with 33 varieties in the Nilgiris.
- Kurinji species flower with different periodicities: annually (e.g., karinkurinji), four years, eight years, 10 years (over 20 species), and 12 years.

'Thozhi' Hostels

- 26 'Thozhi' hostels for working women are currently under construction across Tamil Nadu at various stages.
- **Launch Date:** January 4, 2024.
- **Department:** Social Welfare and Women Empowerment, Government of Tamil Nadu.

- **Aim:** To provide safe and affordable accommodation for women working in various locations.
- **Target Group:** Women living far from families, belonging to lower and middle-income groups.

Tamil Nadu Natural Farming Project

- The Tamil Nadu Natural Farming Project was recently launched at the Epic (Eco Park and Information Centre) in Padur, off Rajiv Gandhi Salai.
- Members of Self-Help Groups (SHGs) from four clusters in three districts are being trained: Chengalpattu, Tiruvallur, and Kancheepuram.
- The initiative is a pilot project for the future implementation of natural farming techniques across the State. Each cluster will cover five villages.
- Farmers are being trained in natural farming under the National Rural Livelihoods Mission
- **Core Principles of Natural Farming:**
 - It is neither organic farming nor conventional farming that relies on synthetic fertilizers and pesticides.
 - It supports year-round crop cultivation (continuous production).
 - It involves growing pest-attractant plants to safeguard main crops.
 - Seeds for the next crop are collected from the previous crop (use of indigenous seeds).
 - The top soil is disturbed minimally to keep microbes intact.
 - Biostimulants are encouraged as catalysts for plant growth.
- **Benefits/Approach:** The system involves the use of indigenous seeds, integration of animals

into farming, reduction in cultivation costs, and assurance of a regular income for farmers.

First phase of archaeological survey off Poompuhar coast completed

- **Conducted by:** Tamil Nadu State Department of Archaeology (TNSDA) in collaboration with trained divers from Indian Maritime University.
- **Location:** Off the coast of Poompuhar (Kaveripoompattinam), Mayiladuthurai district.
- **Objective:** The primary aim was to identify potential archaeological remains of the ancient Sangam-era port city submerged in the Bay of Bengal.
- **Survey Duration:** The survey lasted for 12 days, beginning on September 20.
- **Technology Used:** Advanced marine exploration instruments were used to map the ocean floor and detect structural anomalies, including a **remotely operated vehicle, side-scan sonar, sub-bottom profiler, and multibeam scanner.**
- **Logistics:** The operation was supported by local fishermen using mechanized boats and smaller fibre boats.
- **Historical Reference:** The team traced several underwater locations previously identified by veteran archaeologist S. R. Rao, who conducted a similar survey nearly three decades ago.

Chief Minister's Breakfast Scheme

- The scheme was launched on 15 September 2022 (Periyar's birthday).
- **Expansion:** All Tamil Nadu government and government aided schools, classes 1–5
- **Special feature:**
 - First such scheme at the state level in India
 - Appreciation by organizations including UNICEF

- **Significance:** Students' health, academic interest, and attendance rates have all increased.

Expired Vehicle 'Scrapping' Scheme

- As part of the measures to reduce air pollution, a scrapping scheme to destroy old vehicles will soon be launched in Tamil Nadu.
- In addition, 8 out of 100 families use cars. The number of vehicles is increasing faster than the population of the country.
- Poor roads, fuel quality, use of old vehicles and improper traffic management are the main factors responsible for air pollution. Studies have shown that old vehicles are the most affected.
- The scrapping company itself will pay the appropriate amount to the vehicle owners. Once the scrapping of vehicles is completed, its registration number and all the documents of the vehicle will be uploaded on the website of the transport department.

Green Power Generation - Tamil Nadu

- Tamil Nadu ranks fourth in green power generation with a power generation capacity of 26,588 MW in September.
- The Central Government has advised all states to increase power generation through renewable green energy sources to achieve environmentally friendly and sustainable power generation.
- In this situation, the Central Government has also released the power installation capacity list as of September.
 - First place- Rajasthan
 - Second place - Gujarat,
 - Third place Maharashtra
 - Fourth place Tamil Nadu,
 - 5th place Karnataka have also secured.

Tamil Nadu Energy Development Corporation

Company	Tamil Nadu Energy Development Corporation
Year of establishment	1985
Headquarters	Chennai
Department	Renewable energy development
Main purpose	Promoting green energy use and electricity conservation
Main energy types	Solar, wind, biomass, hydroelectric

Govt. sanctions Rs.186 cr. to GCC to provide food for sanitation workers

- The **Tamil Nadu government** has sanctioned Rs.186 crore for a welfare initiative to provide food to conservancy (sanitation) workers under the **Greater Chennai Corporation (GCC)**.
- The scheme will be implemented for a period of three years.
- The money will be allocated from the **Sixth State Finance Commission**.
- The programme will begin in Chennai and later be expanded to other urban local bodies in a phased manner.

Tamil Nadu tops the list in spiritual and medical tourism

- The 4th Tamil Nadu State Tourism Awards ceremony was held in Chennai on behalf of the Tamil Nadu Tourism Department.
- In this, **52 institutions and individuals were awarded state tourism awards in 17 categories by the Tamil Nadu Government**.
- The Ministers of the Public Welfare Department have said that Tamil Nadu has topped the list in spiritual and medical tourism in India at this ceremony.

- They have also said that work is being done at a cost of Rs. 705 crore to develop tourist destinations across Tamil Nadu.

Government Honors for Organ Donors Scheme

- The Tamil Nadu government has been honouring the bodies of organ donors since August 13, 2019.
- The aim of this is to express the gratitude of the society to those who save the lives of others through life donation.
- The Tamil Nadu government flag will be draped over the body.
- Through this, the government is honouring the humanity and selfless sacrifice of organ donation.
- Tamil Nadu is the leading state in organ donation in India

Marudhu Brothers

- The Maruthu Pandiyar brothers were publicly hanged on October 24, 1801, at the Tirupputhur fort, Sivaganga in southern Tamil Nadu.
- Marked the end of the South Indian Rebellion (1800–1801) — one of the earliest organized resistances against British rule, predating the 1857 Revolt by over 50 years.
- About Maruthu Pandiyar Brothers
- Periya Maruthu (1748–1801) and Chinna Maruthu (born c.1753) — sons of Mokka Palanisamy Thevar and Ponatha.
- Served under Muthuvaduganatha Thevar, the second king of Sivaganga.
- Gained royal favor after saving the king from a tiger, earning the title “Pandiyar.”

- On June 16, 1801, months before their death, the brothers issued a Proclamation of Independence from the Tiruchi fort.

- Called for all Indians, irrespective of caste or community, to unite against European domination.
- Recognized by historians as the first all-India call for independence.

Heatwave

- The Tamil Nadu government has officially declared heatwaves a State-specific disaster.
- The government will use the State Disaster Response Fund to support these relief efforts
- Tamil Nadu ranks fifth among Indian States with high to very high heat risk, according to a Council on Energy, Environment and Water (CEEW) study.
- Heat wave is considered if maximum temperature of a station reaches at least 40°C or more for Plains and at least 30°C or more for Hilly regions.

Thevaram-inscribed copper plates

- A total of **483 copper** plates bearing Thevaram hymns and **23 panchaloha idols** of various deities were unearthed.
- They were discovered in **April 2023** at the **Thoniappartemple** (also known as Sattainathar temple) in Sirkazhi, Mayiladuthurai district.
- This is the first time copper plates inscribed with Thevaram hymns have been discovered in Tamil Nadu.
- The finding validates stone inscriptions in the **Chidambaram temple** that mention the practice of inscribing Thevaram hymns on copper plates.

- Considered a **rare and historic** find for Tamil Shaivite literature.
- The hymns are about Lord Shiva of various temples and were composed by Shaivite saint-poets Thirunavukkarasar (Appar), Thirugnanasambandhar, and Sundarar.
- The style of writing suggests the inscriptions were made by various individuals, not a single scribe.
- So far, the deciphered hymns match known Thevaram verses – no new hymns have been identified yet.
- The study and compilation are being conducted by the Tamil Nadu State Department of Archaeology (TNSDA), led by Joint Director R. Sivanantham.

Tamil Nadu Election Commission

- The Tamil Nadu State Election Commission is an independent political body formed to conduct local government elections in the state.
- It is responsible for conducting Panchayat, Municipal and Corporation elections in a fair and orderly manner.
- It was formed by the Tamil Nadu Panchayats Act, 1994 and the Tamil Nadu Municipal Laws Amendment Act, 1994.
- **Its head office:** Located in Chennai
- **Chairman:** Tamil Nadu State Election Commissioner (Jothi Nirmala Samy), who is appointed by the Governor of the state.
- **Articles 243K and 243ZA of the Constitution of India** provide the legal basis for the establishment of the State Election Commission.

Innuyir Kaappom Thittam has been extended

- The government has given permission to implement the Innuyir Kaappom Thittam – Nammai Kaakkum 48' scheme under the insurance scheme till January 2027.
- This scheme was launched on January 18, 2020 – by the then Tamil Nadu Chief Minister Edappadi K. Palaniswami.
- **Implementing body:** The Tamil Nadu Health and Family Welfare Department
- **Aim:** Preventing deaths due to road accidents, the government has decided to implement a scheme to provide advanced treatment to the injured for the first 48 hours.
- Under this, steps have been taken to provide 101 types of life-saving treatments worth up to Rs. 2 lakh free of cost in private and government hospitals.
- For this, this scheme was connected to 723 private and government hospitals across the state.

Suchindram Theroor Wetland

- Suchindram Theroor Wetland complex is part of the Suchindram-Theroor Manakkudy Conservation Reserve.
- One of the two Ramsar sites in Kanniyakumari district. (Another one - Vembannur Wetland Complex)
- It is declared an Important Bird Area (IBA) and lies at the southern tip of the Central Asian flyway of migratory birds.
- **Home to Birds:** Hosts species like black-headed ibises, egrets, little egrets, cattle egrets, grey herons, little cormorants, night herons, painted storks, and pelicans.

- Copper plate inscriptions from the 9th century mention Pasumkulam, Venchikulam, Nedumarthukulam, Perumkulam, Elemchikulam and Konadunkulam.
- Tamil Nadu has 20 Ramsar sites, which is the highest number in India.
- Nodal Agency: Tamil Nadu State Disaster Management Authority (TNSDMA)

Indian Efforts for Oil Spill Management

- National Oil Spill Disaster Contingency Plan (NOS-DCP)
 - The Indian Coast Guard (ICG) is responsible for maintaining and implementing the Plan.
 - It was promulgated in 1996 and revised in 2015.
- Merchant Shipping Act, 1958:
 - Grants the government authority to enforce compliance with shipping regulations to prevent oil spills.

Control Measures for Oil Spills

- Bioremediation: Using microorganisms to remove toxins (e.g., TERI's Oil Zapper bacteria).
- Oil Booms: Floating barriers to contain spills.
- Dispersants: Chemicals sprayed to aid natural oil breakdown.

Oil spill crisis management plan

- The Government of Kerala has decided to prepare a comprehensive Oil Spill Crisis Management Plan to prevent and mitigate the impact of oil spills along its coastline.
- Kerala has a 590-km-long coastline along the west coast of India.
- The plan will be aligned with the National Oil Spill Disaster Contingency Plan (NOSDCP).
- Kerala, following Tamil Nadu's example, is developing an oil spill crisis management plan under Defence Ministry guidance.
- Nodal Ministry: Ministry of Defence (MoD) (For handling crises arising out of the spill of oil and hazardous substances at sea)

Tamil Nadu State Oil Spill Disaster

Contingency Plan (TN-SOS-DCP)

- Introduced in January 2024 following an oil spill in Ennore, Thiruvallur district.
- Goal: To prevent and mitigate the impact of future oil spills and restore contaminated habitats.
- Very High-Risk: Ramanathapuram, Thoothukudi, Gulf of Mannar islands, Thiruvallur
- High-Risk: Kanniyakumari and Chennai
- The plan focuses on 15 sensitive zones, which need special attention and quick action if an oil spill happens.

'Nalam Kaakum Stalin' Scheme

- The scheme was launched in July 2021
- It operates under the direct control of the Chief Minister
- It is a scheme launched by the Government of Tamil Nadu to protect the welfare of the public and resolve immediate issues and demands.
- Purpose: To directly listen to the problems of the people and find solutions. To ensure that government departments are functioning effectively. The aim is to increase the trust of the administration by interacting directly with the people.

Tamil Nadu tops in higher education

- Tamil Nadu is the state with the highest number of higher education graduates in India, the Tamil Nadu Higher Education Minister has said.
- The pass percentage in higher education in India is 28.
- But this percentage has gradually increased to 45.69 in Tamil Nadu and now it is 75 percent.
- **Tamil Nadu Initiatives:** Naan Mudhalvan Scheme, Educational Innovation and Development Project, Pudumaipenn Project, Tamil Pudhuvan Project, Kalloori Kanavu Project, Free education for first generation graduates.

Future Ready Project

- The Future Ready Project is currently being implemented to prepare government school students for the learning achievement exams, and the Tamil Nadu School Education Department has issued guidelines for it.
- The Future Ready Project has been implemented to improve the ability of government school students to face higher order thinking questions and learning achievement exams.
- Accordingly, in the first week of every month, students from classes 1 to 9 studied English, Mathematics, Science and subject-specific general knowledge. Higher order thinking questions and exams are to be conducted based on learning outcomes.

Makkalai Thedi Maruthuvam Scheme

- **Started :** 05 August 2021 (Krishnagiri)
- **Objective :** To provide home-based medical services to improve and treat conditions

commonly affected by non-communicable diseases

▪ **Implementing Department :** Department of Health and Family Welfare, Government of Tamil Nadu

▪ Services Testing, Medicine Supply, Physiotherapy, Disease Support Services, Dialysis Assistance

▪ Target group People above 45 years of age, people with disabilities, people who have challenges in taking regular medicines

Tamil Nadu's Maritime & Shipbuilding Policy

- Tamil Nadu is formalizing a comprehensive **Maritime and Shipbuilding Policy**.
- The policy is designed to **incentivize new shipyards, attract global players**, and enable equity partnerships between the State and private industry.
- The state is specifically targeting a **"big thrust"** toward two sectors: life sciences and shipbuilding.
- The state aims to transform its **1,000-km coastline** into a corridor of **"immense blue economy opportunities."**

Tamil Nadu Pollution Control Board (TNPCB)

- The **Tamil Nadu Pollution Control Board (TNPCB)** was established on **February 27, 1982**, as the Tamil Nadu Prevention and Control of Water Pollution Board under the Water (Prevention and Control of Pollution) Act, 1974 (Central Act 6 of 1974).
- It was renamed as the **Tamil Nadu Pollution Control Board in 1983**.

- The TNPCB is responsible for enforcing the provisions of:
 - The **Water (Prevention and Control of Pollution) Act, 1974**
 - The **Air (Prevention and Control of Pollution) Act, 1981**
- The Environment (Protection) Act, 1986
- The initiative will be undertaken in coordination with the **Tourism Department** for holistic coastal development.

First-Ever Air Shipment of GI Tagged Indi and Puliyanakudi Limes

- The Agricultural and Processed Food Products Export Development Authority (APEDA) facilitated the first-ever air shipment of GI-tagged Indi Lime (Karnataka) and Puliyanakudi Lime (Tamil Nadu) to the United Kingdom.

Puliyanakudi Lime (Tamil Nadu)

- It is extensive lime cultivated in Puliyanakudi, often referred to as the **"Lemon City of Tamil Nadu."**
- The Puliyanakudi Lime, particularly the Kadayam variety, is characterised by its thin peel, strong acidity, high ascorbic acid content (34.3 mg/100g) and juice percentage of around 55%.
- It is rich in **Vitamin C** and antioxidants.
- It has officially received the **Geographical Indication (GI) tag in April 2025.**

Tamil Nadu's plan to develop coastal tourism circuits

- The **Tamil Nadu government** plans to develop coastal tourism circuits in Nagapattinam, Rameswaram, and Kanniyakumari to promote maritime and coastal tourism.
- The **Nagapattinam Cruise Terminal** is already functional.
- Plans are underway to link Poompuhar, Nagapattinam, Velankanni, and Kodiyakarai through a ferry service to enhance tourist connectivity along the coast.
- A ferry service between Rameswaram and Thalaimannar (Sri Lanka) is being considered – the shortest sea route between India and Sri Lanka.

NATIONAL - NEWS

World's Top Researchers

- Three professors from Gauhati University, Assam have been listed among the top 2% of scientists in the world.
- This ranking was released by Stanford University, California, USA.

Researchers

Field	Name
Climate Science	Boopendra Nath Goswami
Chemistry	Pradip Phukan
Mathematics	Biban Hazarika

Mukhyamantri Mahila Rojgar Yojana

- Launch Year:** 2025
- Purpose:** To promote women's self-employment and economic empowerment in the state of Bihar.

India as a Global Data Hub

- India has the potential to emerge as a global data hub, according to the Prime Minister of India.
- India possesses the second-largest telecommunications market in the world and has become one of the five countries globally capable of manufacturing telecom equipment domestically.
- The Prime Minister stated that **India has achieved self-reliance in the telecommunications sector.**

Brahmaputra River

- The Brahmaputra River originates from the **Chemayung-Dung Glacier** in the **Kailash mountain range of Tibet**.
- In Tibet, it is known as Tsangpo or Yarlung Tsangpo.

- Entering **India** through **Arunachal Pradesh**, it is called **Siang**, and in the state of **Assam**, it is known as the Brahmaputra.
- Length of the river:** Approximately 2,900 km.
- Main tributaries:** Dibang, Lohit, and Subansiri.
- In Bangladesh, it is called the Jamuna, where it joins the Ganga (Padma) and together they form the **Meghna**, which flows into the **Bay of Bengal**.

Menstrual Leave Policy

- Karnataka State Cabinet approved the Karnataka Menstrual Leave Policy-2025.
- Provides one day of paid menstrual leave in a month across government and private sectors.
- Karnataka becomes the first State to cover both the government and private sectors in its menstrual leave policy.
- Odisha and Bihar have policy for government employees while Kerala has implemented the policy in universities.

First Woman Aircraft Engineer in BSF Air Wing

- Officer Bhavana Chaudhary has been appointed as the first woman aircraft engineer in the 50-year history of the Border Security Force (BSF) Air Wing.
- She also participated in rescue flight operations during the recent floods in Punjab and other states.

Border Security Force (BSF)

- It is one of the seven Central Armed Police Forces (CAPFs) of India, established in December 1965.
- It was created after the 1965 war with the objective of securing India's borders.

- It is the only CAPF that has its own Water Wing, Air Wing, and other support units.
- The Headquarters of the BSF is located in New Delhi.
- It functions under the Ministry of Home Affairs (MHA).
- The BSF is responsible for guarding and maintaining security along a 6,386.36 km stretch of the India-Pakistan and India-Bangladesh borders.
- The agreement for this project was signed in a meeting held in New Delhi, in the presence of the Union Finance Minister, the Chief Minister of Andhra Pradesh, and Thomas Kurian, CEO of Google Cloud Services.

Domestic Maritime Industry

- The **4th India Maritime Week** will be held in **Mumbai, Maharashtra** from **27 October** for **five days**.
- The **Union Minister of Ports, Shipping and Waterways** stated that the event is expected to attract investments of up to **Rs.80 lakh crore**.

UN Troop Contributing Countries (UNTCC) Chiefs Conclave

- India will host the United Nations Troop Contributing Countries (UNTCC) Chiefs Conclave in New Delhi from October 14-16, 2025, at the Manekshaw Centre.
- The conclave aims to enhance global cooperation and dialogue on UN peace operations.
- Army chiefs from over 33 nations to attend, mainly from the Global South and Europe.

Bathukamma festival

- **Bathukamma** is a nine-day floral festival celebrated by the women of Telangana to pay **tributes to Mother Nature** and celebrate the intrinsic bond between earth, water, and humankind. It marks the start of the winter season.
- Observed according to the **Satavahana calendar**, the festival begins on **Bhadrapada Purnima** (Mahalaya Amavasya/Pitru Amavasya) and concludes on **Durgashtami**, typically falling in September or October.
- Features **folk songs, rhythmic clapping, and dance** celebrating Telangana's cultural identity.
- This year, Telangana set a Guinness World Record with a **63-foot-tall Bathukamma** crafted with **13 tonnes of flowers**.

India's Role in UN Peacekeeping:

- India's participation has evolved from a passive observer to an active stabiliser in global conflict zones.
- The country remains one of the largest troop contributors to UN peacekeeping missions.
- Currently, around 5,500 Indian personnel (men and women) serve in nine countries under UN mandates.

Google AI Center in Andhra Pradesh

- A \$15 billion (approximately Rs.1.33 lakh crore) Artificial Intelligence data center is planned to be established in Visakhapatnam, Andhra Pradesh.

Azad Hind Government

- Azad Hind Fauj or the India National Army (INA) was first established by Mohan Singh in 1942. It was revived by Netaji Subhas Chandra Bose on October 21, 1943, during the

Second World War to secure India's complete independence from British Raj.

- Hence, every year on 21 October, the anniversary of the formation of Azad Hind Government is celebrated across the country.
- On this day, India's first independent provisional government named Azad Hind Government was announced.
- Under the provisional Government, Bose was the Head of State, Prime Minister, and Minister of War.
- Captain Lakshmi headed the women's organisation while SA Ayer headed the publicity wing in the newly formed government.
- Revolutionary leader Ras Behari Bose was designated as the supreme adviser by Netaji Subhash Chandra Bose.
- The government was supported by the Axis powers of Imperial Japan, Nazi Germany, the Italian Social Republic, and their allies.
- The Azad Hind government under Bose had in fact started its own bank, currency, civil code, and stamps.
- Bose had even formed the first women's regiment of the INA, the Rani Jhansi Regiment, thus laying the foundation for equal opportunity for women in armed forces.

MeitY announces Rs.5,532 crore investments in TN, AP, and MP

▪ **Ministry of Electronics and Information Technology (MeitY)** announced seven projects worth Rs.5,532 crore under the **Electronics Component Manufacturing Scheme (ECMS)**.

▪ **Distribution of projects:**

- Five in Tamil Nadu
- One in Madhya Pradesh
- One in Andhra Pradesh

▪ **Investment incentives:** Private firms will receive 1-10% of production value in incentives over six years, depending on the component category and operational year.

Plastic waste for food scheme – Chhattisgarh

- A scheme to get food by giving plastic waste has been implemented in Chhattisgarh.
- A "garbage cafe" has been set up for this purpose.
- In this cafe run by Ambikapur Municipality, if someone brings one kilo of plastic waste, lunch will be provided.
- The Chhattisgarh government has taken an innovative initiative to protect the environment.

NATIONAL SCHEMES

The UPSC Chairman, Mr. Ajay Kumar, has stated that UPSC will work in coordination with the State Public Service Commissions.

- UPSC is celebrating its 100 anniversary

TNPSC (Tamil Nadu Public Service Commission)

- Established: 1923
- Headquarters: Chennai
- Constitutional Provisions: Articles 315–323
- Current Chairman: Mr. S.K. Prabhakar, IAS
- TNPSC consists of one Chairman and 14 Members.
- They are appointed by the Governor of Tamil Nadu.

UPSC (Union Public Service Commission)

- Established under Article 315 of the Indian Constitution.
- An independent and autonomous body.
- Headquarters: Dhoolpur House, New Delhi.
- The UPSC Chairman and other members are appointed by the President of India.

Integrated Child Development Scheme- 50 Years completed

- The Umbrella ICDS is a centrally sponsored scheme implemented by the Ministry of Women and Child Development.
- It was launched in 1975.

The Schemes Under the ICDS

- Pradhan Mantri Matru Vandana Yojana
- Child Protection Scheme
- POSHAN Abhiyaan
- National Creche Scheme.

Indian-made H125 helicopters to roll out from Kolar in 2027

- India's first helicopter final assembly line in the private sector is being established at Vemagal in Kolar district of Karnataka state.
- The assembly line is being set up by Tata Advanced Systems Limited (TASL) to manufacture Airbus H125 helicopters.
- This type of helicopter will be used in the icy heights of the country's Himalayan borders.

Pradhan Mantri Skilling and Employability Transformation Scheme

- This scheme was launched on October 4, 2025.
- It was inaugurated in Delhi by Prime Minister Narendra Modi.
- It functions under the Ministry of Skill Development and Entrepreneurship.
- Its objective is to enhance the skills and employability opportunities of the youth.

Mukhyamantri Mahila Rojgar Yojana

- Launch Year:** 2025
- Purpose:** To promote women's self-employment and economic empowerment in the state of Bihar.

World's Top Researchers

- Three professors from Gauhati University, Assam have been listed among the top 2% of scientists in the world.
- This ranking was released by Stanford University, California, USA.

Researchers

Field	Name
Climate Science	Boopendra Nath Goswami
Chemistry	Pradip Phukan
Mathematics	Biban Hazarika

Railway Projects in Four States

- The Union Cabinet has approved railway projects to be implemented in four states – Maharashtra, Madhya Pradesh, Gujarat, and Chhattisgarh.

Key Tourist Destinations Mentioned in the Report and Their Locations:

- Sanchi – Madhya Pradesh
- Satpura Tiger Reserve – Madhya Pradesh
- Hazara Waterfalls – Maharashtra, located in Gondia district, Salekasa taluk, a well-known tourist destination
- Navegaon National Park – Maharashtra, located in Gondia district

Solar Pumps Scheme

- India is promoting the Solar Pumps Scheme to be implemented in Africa and island nations.
- The scheme will be implemented through the International Solar Alliance (ISA) platform in Africa and island countries.

PM-KUSUM Scheme

- This scheme was launched in 2019.
- It is implemented by the Ministry of New and Renewable Energy (MNRE).
- The scheme aims to promote solar energy in agricultural lands, providing electricity and an additional source of income to farmers.
- Under this scheme, the Central Government has set a new target of generating 348 GW of solar power by March 2026.

PM-Surya Ghar Scheme

- This scheme was launched in 2024.
- Implemented by the Ministry of New and Renewable Energy (MNRE).
- The scheme aims to promote solar power generation in households across India, turning each home into a mini power producer.

Shram Shakti Niti 2025

- The Ministry of Labour & Employment has released the Draft National Labour & Employment Policy – Shram Shakti Niti 2025 for public consultation.
- Shram Shakti Niti 2025 is India's first integrated National Labour & Employment Policy, aiming to create a fair, inclusive, and future-ready world of work.
- It aims to modernise India's labour ecosystem by ensuring dignity, protection, and opportunity for every worker while aligning with Viksit Bharat @2047.

Phased Implementation (2025–2047):

- Phase I (2025–27): Institutional setup, digital pilots, and social-security integration.
- Phase II (2027–30): Expansion through Universal Social Security rollout and AI-based job matching.
- Phase III (Beyond 2030): Full digital convergence and predictive labour governance.

Pradhan Mantri Ujjwala Yojana (PMUY)

- The Ujjwala Yojana is a major social welfare scheme launched by the Government of India.
- The scheme was inaugurated on May 1, 2016.
- It is implemented by the **Ministry of Petroleum and Natural Gas**
- Its objective is to replace unhealthy cooking fuels such as firewood, coal, and kerosene with clean **LPG (Liquefied Petroleum Gas)** connections, thereby improving women's health and saving their time.

Lakshpati Didi Scheme

- This scheme was launched in 2023.
- The initiative aims not only to enhance women's income but also to empower them by transforming their lives through sustainable livelihood practices.

- Through this scheme, women become role models in their communities, demonstrating the power of **effective resource management and entrepreneurship**.
- The scheme is implemented under the **National Rural Livelihood Mission (NRLM)**.

Artificial Intelligence (AI) in the school curriculum

- The Ministry of Education is set to introduce Artificial Intelligence (AI) in the school curriculum for all students from Class 3 onwards from next academic year (2026-27)
- **Goal:** To align students and teachers with AI technology rapidly (over the next two to three years) to prepare them for the **digital economy**.
- **CBSE** is developing the framework for AI integration across grades.
- A pilot project is already under way for teachers to use AI tools to prepare lesson plans.

Prime Minister Dhan-Dhaanya Krishi Yojana (PMDDKY)

- The PMDDKY announced in the Union Budget 2025 to make farming easier, modern, and more profitable.
- It is modeled after the NITI Aayog's Aspirational Districts Programme (ADP), but focused exclusively on agriculture and allied sectors.
- PMDDKY has no separate budgetary allocation, it converges budgets of 36 existing schemes from 11 departments, including Pradhan Mantri Kisan Samman Nidhi (cash transfers), Pradhan Mantri Fasal Bima Yojana (crop insurance), and Pradhan Mantri Krishi Sinchayee Yojna (irrigation) with an annual

outlay of Rs 24,000 crore from 2025-26 to 2030-31, totaling Rs 1.44 lakh crore.

- PMDDKY operates under the Ministry of Agriculture and Farmers' Welfare, each selected district will set up a District Dhan-Dhaanya Krishi Yojana (DDKY) Samiti, chaired by the District Collector, to implement the District Agriculture Development Plan (DADP).

Benefits of PM Dhan-Dhaanya Krishi Yojna

- Holistic development of 100 low-productivity districts to enhance farmers income
- Every field to be irrigated, every crop to be diversified ensuring easy access to credit and storage facilities for farmers
- Convergence of multiple schemes to ensure direct benefit to the farmers

Mission for Aatmanirbharta in Pulses

- The Mission was announced in the Union Budget 2025-26 to reduce import dependency, meet the rising demand, maximize production, and enhance farmers' income.
- **Time Period:** 6 Years (2025-26 to 2030-31).
- **Financial Outlay:** Rs 11,440 crore.
- **Aim:** Boosting domestic production and achieving self-sufficiency (Aatmanirbharta) in pulses.
- Several initiatives will be taken under the mission for developing and disseminating Climate-Resilient & Improved Seed Varieties, developing post-harvest infrastructure, value addition etc.
- **Target:**
 - **Area:** Increase area under pulses to 310 lakh hectares.
 - It also seeks to expand the area under pulses by an additional 35 lakh hectares

by targeting rice fallow areas and other diversifiable lands.

- **Production:** To drive production to 350 lakh tonnes.

- **Productivity:** Raise yield to 1130 kg/ha.

- **Approach:** It will adopt a cluster-based approach, tailoring interventions to the specific needs of each cluster.

- **Focus Crops:** Tur/Arhar (pigeon pea); Urad (black gram) & Masoor (red lentil).

Benefits of Mission for Aatmanirbharta in Pulses

- Availability of quality seeds to make India self-reliant in pulse production
- Procurement at Minimum Support Price (MSP) from registered farmers through central agency
- Improved storage and management systems to ensure that farmers get full cost and benefit of their produce

Key Achievements Benefiting Farmers

- Over 50 lakh farmers associated with 10,000 Farmer Producer Organizations (FPO) including 1,100 "Crorepati FPOs achieving an annual turnover of more than 1 crore.
- Successful certification of over 50 thousand farmers under National Mission on Natural Farming
- Computerization of 10,000 now Primary Agricultural Credit Societies (PACS) under the e-PACS initiative and their transformation into Common Service Centres (CSCs) and PM Kisan Samriddhi Kendras (PMKSKS)
- Establishment of Dairy and Fisheries Primary Cooperatives through 10,000 new multipurpose PACS

- Certification of 38,000 Multi-purpose AI Technicians in Rural India (MAITRIs).

Prime Minister's "Dhan Dhanaya Krushi" Scheme

- This scheme, along with the Pulses Production Mission, was launched by the Prime Minister during a special agriculture event at the Indian Council of Agricultural Research (ICAR), Delhi.
- Development projects in Karnataka, Odisha, Gujarat, Rajasthan, Assam, and Madhya Pradesh related to agriculture, animal husbandry, fisheries, and food processing were also inaugurated.
- The Pulses Production Mission aims to increase pulse production in India by 2030-31 compared to current levels, reducing dependence on imports while meeting global demand.

Prime Minister's "Dhan Dhanaya Krushi" Scheme

- Approved by the Union Cabinet on 16 July 2025.
- To be implemented over six years from 2025-26.
- **Objectives include:**
 - Enhancing agricultural productivity
 - Promoting crop diversification
 - Encouraging sustainable farming practices
 - Improving post-harvest storage and irrigation facilities
 - Increasing access to credit for farmers

Karaikal Fisheries Modernization Project

- The Prime Minister inaugurated the Smart and Integrated Fisheries Development Project in

Karaikal district under the Prime Minister's Mateen Sampada Yojana (PMMSY).

- Faced with the increasing demand for fisheries, the Puducherry government is making efforts to expand and modernize the fisheries sector.
- As part of the Blue Revolution, the aim is to promote sustainable and responsible fisheries development and to develop the northern bank of the Arakial Mullaivar for mechanized fishing boats and the southern bank for motorized fibre-reinforced plastic boats.
- Karaikal has been selected as one of the leading locations in the country for the Smart and Integrated Fisheries Project

National Commission for Scheduled Castes (NCSC)

- The NCSC is a constitutional body in India.
- Its headquarters is located in New Delhi.
- Article 338 of the Indian Constitution deals with the provisions related to the National Commission for Scheduled Castes (NCSC).

Objective:

- To protect the Scheduled Castes and Anglo-Indian community from violations of their rights and various forms of exploitation.
- To safeguard their social, economic, educational, and cultural interests.

Fund for Women's Assistance in India

- 854 centres have been established across the country under the Nirbhaya Fund to provide assistance to women affected by violence.
- This was announced by the Union Minister for Women and Child Development.

- The scheme is implemented under the operational framework of the Ministry of Women and Child Development.

Kavach System

- Kavach is a Train Collision Avoidance System (TCAS), a train control system with collision prevention features.
- It has been adopted as India's national automatic train protection system.
- The system adheres to safety interoperability standards.
- Acting like a "vigilant guardian" over the existing signaling system, Kavach alerts the Loco Pilot if the train approaches a red signal, and, if necessary, automatically applies brakes to prevent a signal overshoot.
- In emergency situations, the system can send SoS (Save Our Soul) messages.
- It also provides centralized real-time monitoring of train operations through the Network Monitor System.
- The Indian Railways Signal Engineering and Telecommunication Kavach Centre of Excellence is located in **Secunderabad, Telangana.**
- Currently, the Kavach train protection system has been installed in 1,200 train rakes.

India-Japan R&D Collaboration Support

- The year 2025 is being celebrated as the **India-Japan Year of Science, Technology, and Innovation Exchange.**
- This marks **40 years of long-standing** collaboration between the two countries in research and development across multiple sectors

New Law to Strengthen Drug Quality Testing

- The Central Government plans to introduce a new draft legislation titled the Drugs, Medical Devices and Cosmetics Bill, 2025 during the upcoming winter session of Parliament.
- This new law is intended to replace the Drugs and Cosmetics Act, 1947, aligning India's drug regulatory standards with international norms.
- Over 80,000 tests have been conducted so far, and three rockets are to be launched for testing purposes.
- Globally, India currently contributes about 2% to the commercial use of rockets for space launches.

Drugs, Medical Devices and Cosmetics Bill, 2025

- This Bill has been designed to replace the existing framework established in 1940, with the aim of ensuring the quality and safety of drugs and medical devices.

Drugs and Cosmetics Act, 1940

- The Drugs and Cosmetics Act, 1940 regulates the quality, safety, and standards of drugs, cosmetics, and medical devices in India.
- It serves as the foundation of drug regulation in India, overseeing quality control, manufacturing, and marketing.
- This Act, officially titled the Drugs and Cosmetics Act, 1940, was followed by the Drugs and Cosmetics Rules, 1945.
- Its objective is to ensure the quality, safety, production, and sale of drugs, cosmetics, and medical equipment.
- It enforces regulatory mechanisms to guarantee consumer protection and product quality assurance.
- India was driven to develop its own launch vehicles during the 1960s and 1970s.
- As a result, ISRO was established in 1969 with its headquarters in Bengaluru.
- In 1975, India's first satellite, Aryabhata, was built by ISRO and launched by the Soviet Union.
- In 1980, India launched its first satellite Rohini using an indigenous launch vehicle. Later, ISRO developed two major launch vehicles—PSLV (Polar Satellite Launch Vehicle) for polar orbits and GSLV (Geosynchronous Satellite Launch Vehicle) for geostationary orbits.
- Its major milestone was the launch of Chandrayaan-1 in 2008, India's first mission to the Moon.
- ISRO operates through five research centres, two testing facilities, five construction and launch centres, four control centres, two human resource development units, and one commercial branch.

Ayushman Bharat-Pradhan Mantri Jan Arogya Yojana (AB-PMJAY)

- Women account for 49% of total hospital admissions under the AB-PMJAY, indicating improved access to institutional healthcare for women.

Gaganyaan Mission

- ISRO is actively working to implement India's dream project, Gaganyaan, by 2027, which

▪ Scheme Coverage

- Launched in 2018, it is one of the largest health insurance schemes globally.
- It provides a health cover of ₹5 lakh for a family every year.
- 35 States and Union Territories are under the AB-PMJAY umbrella (except West Bengal). Odisha and Delhi were recently onboarded.
- 15.14 crore eligible families covered under AB-PMJAY.
- An additional 8.57 crore families covered under State-specific schemes.
- Ayushman Card Issuance: Over 40.45 crore Ayushman cards have been issued, covering 14.69 crore families.

Inclusivity Initiatives:

- The **Aapke Dwar Ayushman (ADA 3.0)** initiative uses technology-led, community-based self-registration.
- The **2023 interim Budget** included **37 lakh families of frontline workers** (ASHAs, Anganwadi workers, and helpers).
- In **October 2024**, the scheme was expanded to include **all citizens aged 70 and above**, regardless of income or socio-economic status.

Kerala joins 'PM Shri' scheme

- Kerala's public education minister has said that Kerala will join the 'PM Shri' scheme to receive the outstanding funds from the central government.

PM Shri Scheme

- It is a central government scheme announced by the Prime Minister in September 2022 with

the aim of improving the quality of school education in India.

- Under this scheme, which aims to create model schools based on the National Education Policy-2020, more than 14,500 schools operating under the control of central, state and local governments are to be upgraded.
- Through this scheme, central, state and local government schools in the country will be converted into model schools and modern educational facilities will be provided.

Gyan Bharatam Mission

- The Gyan Bharatam Mission will sign Memorandums of Understanding (MoUs) with approximately 20 institutes immediately (25, October 2025), and 30 more over the next few days.
- Key institutes involved include: Asiatic Society Kolkata, University of Kashmir (Srinagar), Hindi Sahitya Sammelan (Prayagraj), and Government Oriental Manuscript Library (Chennai).

About the Gyan Bharatam Mission

- The Gyan Bharatam Mission is a national initiative to preserve and digitise manuscripts, reviving them as living resources for education, research, innovation, and diplomacy.
- It was announced in the Union Budget 2025-26.
- **Nodal Ministry:** Ministry of Culture.
- The mission's mandate is to preserve and establish a dedicated digital platform – known as the **National Digital Repository (NDR)** – to share India's manuscript heritage worldwide.

- The Gyan Bharatam Mission aligns with Article 51A(f) of the Constitution, which makes preserving the rich heritage of our composite culture a fundamental duty.

Subansiri Lower Hydro Electric Project (SLHEP)

- The first of eight units of the 2,000-MW Subansiri Lower Hydroelectric Project has begun undergoing a test run, signaling its imminent commissioning.

About Subansiri Lower Hydro Electric Project (SLHEP)

- It is an under-construction gravity dam on the Subansiri River in North Eastern India on the borders of Arunachal Pradesh and Assam.
- It is a run-of-river project.
- It will be the single largest hydroelectric plant in India when completed.

About The Subansiri River

- The Subansiri River is a trans-Himalayan river and the largest tributary of the Brahmaputra River that flows through Tibet's Lhuntse County in the Shannan Prefecture, and the Indian states of Arunachal Pradesh and Assam.

Great Nicobar Island Project

- The GNI Project, conceived by NITI Aayog and launched in 2021, aims to build an International Container Transshipment Terminal (ICTT), a Greenfield international airport, a township, and a gas-solar power plant.
- **Nodal Agency:** Andaman and Nicobar Islands Integrated Development Corporation (ANIIDCO), incorporated in 1988 as a

Government Undertaking under the Companies Act 1956.

Project Components:

- International Transshipment Port – Galathea Bay: A deep-sea port to be developed at Galathea Bay on the island's southern coast.
- Ministry of Ports, Shipping and Waterways (MoPSW) will oversee transshipment port project.
- A Greenfield international airport
- A 450 MW power plant
- A modern township

▪ It aligns with **India's Maritime Vision 2030** and is one of the key projects under the Amrit Kaal Vision 2047.

▪ India aims to become one of the top five shipbuilding nations in the world.

SOAR Project

▪ The Skill Framework for Artificial Intelligence Readiness (SOAR) project is designed to prepare India for a digital future by equipping students and educators from classes 6 to 12.

▪ SOAR is aligned with the Skill India Mission and Pradhan Mantri Kaushal Vikas Yojana (PMKVY) 4.0 to enhance digital skills, AI literacy and employability.

▪ SOAR provides models for students and educators that focus on ethical AI applications and basic machine learning concepts.

▪ The Union Budget 2025-26 has allocated Rs 500 crore for setting up a Centre of Excellence for Artificial Intelligence in Education.

IMPORTANT PERSONS

Dr. A.P.J. Abdul Kalam Birth Anniversary

- Birth: Born on 15 October 1931 in Rameswaram, Tamil Nadu, India, Dr. Kalam is famously known as the "Missile Man of India."

Achievements:

- Played a key role in India's missile and space programs.
- Made significant contributions to India's second Pokhran nuclear test in 1998.
- Elected as India's 11th President in 2002.
- After completing his five-year term, he continued contributing to education, writing, and public service.
- Death: Passed away on 27 July 2015 in Shillong.

Honors:

- Awarded India's highest civilian award, the Bharat Ratna, in 1997.
- Widely known as the "People's President."

Some of His Major Books:

- Wings of Fire – Autobiography of A.P.J. Abdul Kalam
- India 2020: A Vision for the New Millennium
- Ignited Minds – On India's internal strength and potential
- My Journey: Turning Dreams into Action – Life journey and achieving dreams
- Thoughts for Change – Inspirational thoughts and ideas shared by Kalam

Archaeologist Natan. Kasinathan

- He is a former Director of the Tamil Nadu Archaeology Department and a historian.
- Born in Thoppalakkuppam, Virudachalam Taluk, Cuddalore District.
- Joined the Tamil Nadu Archaeology Department in 1967 as an epigraphist. Served as Deputy Director in 1981 and Director in 1989 of the Tamil Nadu Archaeology Department.
- Founded the organization "Tamil Nadu Thonmai Iyala Ayvu Nilayam" and has conducted several seminars.
- Has conducted extensive research in Tamil inscriptions, archaeology, history, excavation, numismatics and manuscripts, and authored several books.
- Recipient of numerous awards, including the Tamil Nadu U.Ve.Sa. Award. Under his leadership, Tamil Nadu's first deep-sea exploration at Poompuhar was conducted.
- Donated over 3,000 documents, including his books and journals to the Raja Muthiah Research Library.

Commemoration of Veerapandiya Kattabomman-17.10.1799

- Veerapandiya Kattabomman was from Panchalankurichi.
- He was born in 1760. Father: Jegaveerapandian; Mother: Aarumugathammal; Wife: Jakkammal.
- Siblings: Sevathaiya, Oomathurai (real name: Kumaraswami).

- Veerapandiya Kattabomman was a Palaiyakkarar (chieftain) from Panchalankurichi, Tuticorin district of Tamil Nadu (then part of Tirunelveli).
- He was also called Kattabomman Nayakar of the Palaiyam. He was born to Jegaveerapandiya Kattabomman and Aarumugathammal. His reign began on February 2, 1790.
- In some parts of South India during the Vijayanagar Empire, local chieftains (Palaiyakkarars) were appointed as military leaders and administrative governors. They were responsible for a Palaiyam (territorial unit), hence called Palaiyakkarar (or the anglicized version, Polygar).
- Palaiyakkarars collected taxes from farmers and over time functioned as semi-independent rulers.
- Conflict began with the East India Company when they sought to control the Palaiyakkarars, collect taxes, and dominate the region.
- Kattabomman resisted the British and led a fight against them, which is known as the Polygar Wars, starting from 1799.

150th birth anniversary of Sardar Vallabhbhai Patel

- **National Unity Day, or Rashtriya Ekta Diwas**, is celebrated on October 31 in honour of Sardar Vallabhbhai Patel.
- **Location:** Ekta Nagar (near Kevadia, Gujarat), the site of the Statue of Unity, nestled between the Satpura and Vindhya mountain ranges.
- Sardar Patel's Statue of Unity, inaugurated in 2018, has the theme "**Unity in Diversity.**"

About Sardar Patel

- Freedom fighter, statesman, India's first Deputy Prime Minister and Home Minister.
- Known as the "**Iron Man of India**" for his role in uniting princely states.
- **Born in:** October 31, 1875, in Nadiad, Gujarat, into a humble Lewa Patidar agricultural family.
- Deeply influenced by Mahatma Gandhi during **Kheda Satyagraha (1918)**.
- Rose as a mass leader through **Bardoli Satyagraha (1928)**, earning the title Sardar.
- Architect of **Integration of 562** princely states into the Union of India, reducing them to **26 administrative units**

Pasumpon Muthuramalingar - Birthday Celebration

- **Full name:** Ukrapandi Muthuramalingar
- **Born:** October 30, 1908 – Pasumpon, Ramanathapuram district
- **Died:** October 30, 1963
- **Freedom fighter, patriot, and politician** from Tamil Nadu.
- Initially active in the Indian National Congress; later joined the All India Forward Bloc (AIFB) founded by Subhas Chandra Bose.
- Supported the leadership of **Subhas Chandra Bose** and his policy of complete independence.
- Served as a **Member of Parliament** from **Ramanathapuram** constituency.
- He held a conference against the Criminal Law in Kamudi on May 12 and 13, 1934. Due to his continuous struggle, the law was repealed in 1948.

- He had visited Burma twice in the years 1936 and 1955.
- In 1938, he joined Comrade P. Jeevanandham in a struggle for the rights of workers working in a spinning mill in Madurai.
- During 1938, he was the leader of 23 workers' unions in Madurai.
- He planned to hold a protest to enter the Madurai Vaidyanatha Iyer temple on the eighth Monday of July in 1939.
- He won the assembly elections held in 1946 unopposed. He contested the assembly and parliamentary elections held in 1952 and 1957 and won both.
- He won the 1962 parliamentary election despite being unable to campaign due to ill health.
- He is respectfully called "Pasumpon Muthuramalingath".
- His memorial is located in Pasumpon. It is one of the important monuments of Tamil Nadu.
- Patel led the Satyagraha movement in Nagpur in 1923 against the British law prohibiting the hoisting of the Indian flag.
- In 1924, he was elected as the Chairman of the Ahmedabad Municipal Board.
- On assuming office, he renovated the drainage, sanitation, cleanliness and water supply systems of Ahmedabad.
- It was his role in the Bardoli Satyagraha in 1928 that elevated him to a new peak of national glory. It was here that he earned the title of 'Sardar'.
- At the time of independence, India had 17 British Indian provinces, and the princely states, which constituted two-fifths of the country's geographical area, numbered over 560.
- Sardar Vallabhbhai Patel intervened to ensure the incorporation of the princely states into the Indian Union and to integrate them.

Sardar Vallabhbhai Patel

- He was born on 31 October 1875 in Nadi, Gujarat.
- A successful lawyer by profession, his career took a turning point when Mahatma Gandhi selected him as his deputy to lead the Kheda Satyagraha in 1918.
- He was appointed as the first Deputy Prime Minister and Home Minister of India from 1947 to 1950.
- He also served as the Minister of Information and Broadcasting.

AWARDS & HONOURS

Gandhiyadigal Kavalār' Award

- 'Gandhiyadigal Kavalār' Award Announced for Five Policemen
- For their outstanding work in enforcing prohibition, 5 police personnel have been selected for the 'Gandhiyadigal Kaavalār Award'.

Awardees

- P. Natarajan – Villupuram District
- M. Sathyanandan – Villupuram District
- S. Manikandan – Kallakurichi District
- K. Natarajan – Cuddalore District
- Va. Pe. Kannan – Salem District
- This award will be presented by the Chief Minister on Republic Day, January 26, 2026.
- Along with the award, each recipient will receive a cash prize of ₹40,000.

Asia Achievement Award

Dr. Mayilvahanan Natarajan receives Asia Achievement Award

- The Asia Book of Records conferred the achievement award.

- He received this recognition for performing the highest number of exclusive bone transplant surgeries in Asia.
- Having served as the Vice-Chancellor of Tamil Nadu Dr. M.G.R. Medical University, he has also received several prestigious awards, including the National Award, B.C. Roy Award, and the Padma Shri Award from former President A.P.J. Abdul Kalam

Science Scholar Award

- **Dr. K. Palanikumar**, Principal of Tambaram Sairam Engineering College, has received Tamil Nadu's **Outstanding Science Scholar Award**.
- The award ceremony took place at the **Tribal Cultural Centre in Ooty, Nilgiris District**.
- The award was presented to Dr. Palanikumar by **Higher Education Minister Thiru Govi Chezhiyan**.

Nobel Prize

- In 2025, two Indian scientists received the Nobel Prize in the field of Engineering Design.
- The Nobel Prizes are awarded in the fields of Science, Technology, Literature, Peace, and Economics.

Category of Award	Name of Awardees	Countries	Research / Discovery
Biology	Tomoki Kojima & team	–	Painting cows with zebra-like stripes reduces the number of fly bites they receive.
Engineering Design	Vikash Kumar, Sarthak Mittal	Uttar Pradesh, India	Studying how the experience of using a shoe rack changes when it contains smelly shoes.
Literature	William Bean	USA, Colombia	For documenting the growth of fingernails.
Psychology	Marcin Szczygielski, Gilles Gignac	Poland, Australia	Claiming oneself to be intelligent increases self-confidence.
Food and Nutrition	–	Nigeria, Togo, Italy, France	On certain types of rainbow lizards.
Pediatrics (Child Medicine)	Julie Mennella, Gary Beauchamp	USA	Babies drink more milk when their mothers eat garlic.
Chemistry	Rotem Naftalovich, Daniel Naftalovich, Frank Greenway	USA	Coating cooking utensils with certain materials can increase food volume, suppress appetite, and reduce calorie intake without adding extra calories.

Nobel Prize in Medicine

- The Nobel Prize in Medicine has been awarded to three scientists from the USA and Japan.
- The award ceremony will be held in Oslo, the capital of Norway.
- They were selected for their contributions to immunology research.

Awardees:

- Mary E. Franco USA
- Fred Ramsdell USA
- Shimon Sakaguchi Japan

Nobel Prize

- The Nobel Prize in Physics has been awarded to three American scientists.

Awardees

- John Clarke
 - Michel H. Devoret
 - John M. Martinis
- They have been selected for the Nobel Prize in Physics for their research on **quantum tunneling**, which has advanced the field of quantum technology.
 - The Nobel Prize award ceremony is held on December 10, the death anniversary of Alfred Nobel, in Stockholm (Sweden) and Oslo (Norway).

Nobel Prize in Chemistry announced for three scientists

- Richard Robson – Japan
 - Susumu Kitagawa – Britain
 - Omar M. Yaghi – Jordan
- The three scientists have been awarded the prize in recognition of their work since 1989 on the creation of metal-organic frameworks (MOFs).

- The prizes will be presented on December 10, the death anniversary of Alfred Nobel, the inventor of dynamite, at a ceremony to be held in Stockholm.

Nobel Prize for Literature

- It has been announced for the Hungarian writer Krasznahorkai (71).
- The Royal Swedish Academy for Literature, one of the Nobel Selection Committees in Stockholm, Sweden, has stated that this prize is being awarded to him in recognition of affirming the power of art even amidst severe terrorist circumstances.
- His first novel 'Satantango' was released in 1985. This novel and another of his novels 'The Melancholy of Resistance' describe continuous struggles against domination.
- Writer László Krasznahorkai also received the Man Booker Prize in 2015.

Nobel Peace Prize

- Venezuelan Opposition leader María Corina Machado won the Nobel Peace Prize.
- Recognized for her struggle to achieve a democratic transition in Venezuela and for keeping the flame of democracy alive amid political darkness.
- María Machado becomes the 20th woman to win the Nobel Peace Prize.

Kalaimamani Award Presentation Ceremony

- The ceremony was held at Chennai Kalai Vanar Hall on 11th October 2025.
- Awards were presented for the three-year period from 2021 to 2023, covering fields such as literature, music, theatre, dance, and cinema.

- A total of 90 individuals were announced as Kalaimamani awardees on 24th September 2025 and were honored on 11th October 2025.

About the Kalaimamani Award

- The award has been conferred since 1954.
- It is presented by the Tamil Nadu Iyal Isai Nataka Mandram.
- **Literature (Iyal) Category - Bharathiyar Award:** Presented to Writer N.Murugesha Pandiyan.
- **Music (Isai) Category - M.S. Subbulakshmi Award:** Presented to Singer K.J. Yesudas.
- **Dance (Natya) Category - Bala Saraswathi Award:** Presented to Muthukannammal by the Chief Minister.

Nobel Prize in Economics

- The Nobel Memorial Prize in Economic Sciences has been awarded to three professors from the USA and France.
- **Joel Mokyr**, Professor at Northwestern University, Illinois, USA
- **Peter Howitt**, Professor at Brown University, Providence, Illinois, USA
- **Philippe Aghion**, Professor at College de France, France
- Joel, Peter, and Philippe have explained how new methods and ideas can stimulate further progress in economics.
- They have been awarded the Nobel Prize for their work on how new ideas, goods, services, and practices drive economic growth.

IUCN Conservation Award – “Fisher Friend” App

- The Fisher Friend mobile app received the

Tech4Nature Award at the IUCN World Conservation Congress held in Abu Dhabi.

- The award recognizes the app’s contribution to protecting the endangered Olive Ridley turtles and supporting coastal fishing communities.

Key Features of the Fisher Friend App:

- One major feature is the **No-Fishing Zone Alert System**.
- Using geolocation technology, the app sends an instant alert to fishermen if they enter a notified no-fishing zone. So far, the system has issued 7,000 alerts, helping prevent thousands of legal violations.
- Previously, legal boundaries were **unknown to many fishermen**, but the app now directly displays them, protecting turtles while keeping fishermen safe from penalties.
- The app was first developed **after the 2004 Indian Ocean tsunami**, supported by **Qualcomm and the Indian National Centre**.
- It also provides alerts about **marine hazards** such as rocks, shipwrecks, and coral reefs.
- Fishermen in **Tamil Nadu, Puducherry, and Andhra Pradesh** now use the app to navigate safely and avoid marine risks.

Ga Sundarbans Aquaculture Model Wins FAO Global Award

- The Nature Environment and Wildlife Society (NEWS) of West Bengal’s Sundarbans has earned global acclaim for its Sustainable Aquaculture in Mangrove Ecosystems (SAIME) model.
- The Food and Agriculture Organization (FAO) of the United Nations honoured NEWS with Global Technical Recognition on 15 October 2025.

- This award was given during FAO's 80th Anniversary Celebrations and the World Food Forum in Rome, Italy.
- SAIME is a pioneering approach that integrates aquaculture with mangrove conservation, climate adaptation, and sustainable livelihoods.

Vaikom Award

- A award given in recognition of contributions to social justice, equality and humanity.
- This award is given in memory of Vaikom hero Periyar E.V. Ramasamy for his social work.
- The year of inception of this award is 2022
- It was introduced by the Chief Minister of Tamil Nadu.
- It is usually given during the events of Periyar's birthday (September 17).
- The Vaikom Award consists of a cheque for Rs. 5 lakh, a certificate of appreciation and a gold-plated medallion.

Purpose of the award

- To honour individuals who have made outstanding contributions in the fields of social justice, equality, secularism, self-respect and human rights.
- The main purpose of this award is to remind us of the values of the Vaikom struggle, namely anti-casteism and equality.

The person selected

- Thenmozhi Soundararajan from the United States has been selected for the Vaikom Award of the Tamil Nadu Government.
- She is an American rights activist and writer for the oppressed people. She actively

campaigns for the rights of those marginalized by structural caste.

- She is the founder of Equality Labs, a civil rights organization for the oppressed people of the United States and around the world
- Thenmozhi Soundararajan from the United States has been selected for the Vaikom Award for her work against caste discrimination in the United States and India and for her contributions to media and technological justice.

Booker Prize

- The Booker Prize Foundation has announced a new Booker Prize for children's fiction.
- The foundation said that a jury of children's and senior writers will select the book for the prize money of 50,000 pounds (approximately Rs. 58.49 lakh in Indian currency).

About Booker Prize

- The Booker Prize, considered the highest prize in English literature, has been awarded since 1969.
- Following this, the International Booker Prize has been awarded since 2005.
- The book for this prize must have been published in the UK or Ireland in English or in English translation in the category of the best fiction for children aged 8 to 12.
- This year's Booker Prize will be announced at an event in London on November 10.
- The International Booker Prize for this year has been awarded to 'Hard Lamb', written by Kannada writer Banu Mushtaq and translated by Deepa Basti Given to the book.

Rashtriya Vigyan Puraskar (RVP)

2025 – National Awards for Scientific Achievements

- The Government of India announced the Rashtriya Vigyan Puraskar (RVP) awards for 2025, which are Padma-style national awards for scientific achievement.
- The awards comprised 24 individual honours and one team honour this year.

The RVP is divided into four categories:

▪ Vigyan Ratna (VR):

- **Purpose:** Recognizes lifetime achievements and contributions in any field of science and technology.
- **Recipient (2024):** Eminent physicist **Jayant Vishnu Narlikar**, who passed away in May this year.
- The award was presented to him in recognition of his collaborative research with British astronomer Fred Hoyle, who refuted the Big Bang theory of the origin of the universe.
- He has received various prestigious awards including Padma Bhushan, Padma Vibhushan, Maharashtra Bhushan, and Britain's Adams Prize.

▪ Vigyan Shri (VS)

- **Purpose:** Awarded for distinguished contributions in any field of science and technology.
- **Recipients (2024):** Eight scientists were selected - Gyanendra Pratap Singh, Yusuf Mohammed Shaikh, K. Thangaraj, Pradeep Thapalil, Aniruddha Balchandra Pandit, Venkata Mohan, Mahan Mj and Jayan N.

▪ Vigyan Yuva (VY):

- **Purpose:** Recognizes exceptional contributions by young scientists under the age of 45.
- **Recipients (2024):** Fourteen scientists were selected - Jagadis Gupta Kapuganti, Satendra Kumar Mangrauthia, Debarka Sengupta, Deepa Agashe, Dibyendu Das, Waliur Rahman, Arkaprava Basu, Sabyasachi Mukherjee, Shweta Prem Agrawal, Suresh Kumar, Amit Kumar Agrawal, Surhud Shrikant More, Ankur Garg, and Mohansankar Sivaprakasan.

▪ Vigyan Team Award:

- **Purpose:** Given annually to a team comprising three or more scientists, researchers, or innovators.
- **Recipient (2024):** The CSIR Aroma Mission.

About the Vigyan Ratna Award

- The Vigyan Ratna Award was established in 2023.
- The first award - It was awarded to Govindarajan Padmanaban, a biochemistry and biotechnology researcher from Tamil Nadu, in 2024.
- The second award has been announced for the late scientist Jayant Narlikar

National Science Award

- In order to achieve scientific excellence for national development and foster technological leadership, the Union Ministry of Science and Technology presents four types of 'Rashtriya Vigyan Puraskar' National Science Awards

as the highest recognition for outstanding contribution in 13 science-related fields including atomic energy, space, environment, technological innovation.

- 24 people from science fields have been selected and announced for the four types of awards.
- Out of these, 3 IIT Madras professors Thalapil Pradeep, Mohana Shankar Sivaprakasam, and Shweta Prem Agarwal have been selected for the National Science Award.
- Professor Thalapil Pradeep, Department of Chemistry, IIT Madras, has received the 'Vignan Shri'.
- He is recognized globally in molecular synthesis research and has been honored for his pioneering work in low-cost sustainable water purification systems.
- Mohana Shankar Sivaprakasam, Head of the Centre for Health Technology Innovation and Professor of Electrical Engineering at IIT Madras, and Shweta Prem Agarwal, Professor

of Computer Science and Engineering, have been selected for the 'Vignan Yuva Shanti Swaroop Bhatnagar' award.

- Mohana Shankar Sivaprakasam has been honored for his contributions to health technologies, including the development of low-cost medical devices, human brain imaging 3D-high-resolution imaging technologies, and the establishment of excellent research centers.
- Professor Shweta Prem Agarwal has been recognized for her pioneering research contributions in the field of cryptography.
- Tamil Nadu scientist: Apart from these awardees, Tamil Nadu-based biologist K. Thankaraju has been selected for the Vigyan Shri award for his long-term contributions to biological sciences.
- He has held various positions in the Council of Scientific and Industrial Research and the Hyderabad DNA Fingerprinting and Analysis Center.

REPORTS & INDICES

NCRB Report

- According to the National Crime Records Bureau (NCRB) report, one farmer committed suicide every hour in the country during 2023.
- 6.3% of total suicides in the country were by people engaged in agriculture.

States with Highest Farmer Suicides

State	Percentage
Maharashtra	38.5%
Karnataka	22.5%
Andhra Pradesh	8.6%
Madhya Pradesh	7.2%
Tamil Nadu	5.9%

NCR Carbon Dioxide Levels Reach a New High – UN Report

- According to the United Nations World Meteorological Organization (WMO), the concentration of carbon dioxide (CO₂) in the atmosphere reached a record high in 2024.
- The 2024 level was the highest ever recorded since measurements began in 1957.

- The UN stated that greenhouse gases trapped more of the sun's heat, intensifying global warming and leading to frequent natural disasters.
- The UN emphasized that reducing carbon emissions is essential not only for climate stability but also for economic security and social welfare.
- In addition to CO₂, other greenhouse gases like methane (CH₄) and nitrous oxide (N₂O) also reached record levels in 2024.

World Meteorological Organization (WMO)

- Established in 1950, the WMO is a specialized agency of the United Nations dedicated to meteorology, climatology, hydrology, and related geophysical sciences.
- Its mission is to promote cooperation in the exchange of weather, climate, and environmental information and technologies among member states.
- The organization currently has 193 member countries.
- **Headquarters:** Geneva, Switzerland.

BOOKS & AUTHORS

1. Writer Ko. Ma. Gothandam

- He hails from Rajapalayam in Virudhunagar district.
- He has authored several grammatical works such as Aranya Kandam, Elachikaram, Kozhikkuttiyalum Panri Kunjugalum, Manamum Manamum, Kurinjān Poo, and Azhaginai Parukuvom.
- In literature, he has written notable works such as Inbak Kaatchi in Literature, Thikkuth Teriyatha Kaattil, and Kaattu Siruvan Neelan.

- He received the Bala Sahitya Puraskar Award in 2012 for his book Kaattukkulle Isai vizha
2. Chief Minister M.K. Stalin released the Hindi translation of the Tamil book "Oru Panpattin Payanam: Cintu Mutal Vaigai Varai", authored by retired IAS officer and trustee of the Roja Muthiah Research Library, R. Balakrishnan. The Hindi version is titled "Sabhyata Ki Yatra: Sindu Se Vaigai."
 3. **Book:** The Brahmastra Unleashed – chronicles Mumbai underworld turf wars and police efforts to curb organised crime.
 - **Author:** D. Sivanandhan, former Mumbai Police Commissioner.

IMPORTANT DAYS

International Day of Older Persons

- Date: Celebrated on 1st October every year.
- 1990 – Declared by the UN General Assembly.
- Observed worldwide since 1991.

Tamil Nadu Government Initiatives

- Old Age Homes / Homes for the Elderly
- Monthly Old Age Pension
- Health Insurance Schemes

World Teachers' Day- 5 October

- World Teachers' Day is celebrated annually on 5 October to honour all teachers around the world.
- Theme – The celebrations will focus on the theme

Tiruppur Kumaran and Subramania Siva's birth anniversaries

Tiruppur Kumaran

Details	Description
Year of Birth	1904
Year of Death	1932
Place of Birth	Chennimalai, Erode
Place of Death	Tiruppur
Known for	The brave freedom fighter who sacrificed his life while holding the national flag in his hand
Title	Kodi Katha Kumaran (Kumaran who protected the flag)

- He was deeply inspired by Mahatma Gandhi's ideas of non-violence and freedom.
- A statue of this martyr has been erected in Tiruppur by the Government of Tamil Nadu.

Subramania Siva

- Year of Birth – September 4, 1884
- He was an Indian freedom fighter, writer, and orator.
- He was known by the title "Indian Patriot" (Desabhaktan).
- He founded journals such as India and Desabhaktan, and wrote articles on freedom, patriotism, and social awareness.
- The Kandalur Madam in Tirupathur district was renamed as Subramania Siva Madam after his demise.
- The Government of Tamil Nadu has established a memorial for Subramania Siva in Madurai.

Indian Air Force Day

- The **Indian Air Force** was officially established on October 8, 1932.
- The **93rd Indian Air Force Day** was celebrated on October 8, 2025, at the Hindon Air Force Station in **Uttar Pradesh**.

World Mental Health Day

- World Mental Health Day is observed annually on October 10
- First initiated in 1992 by the World Federation for Mental Health (WFMH).
- Theme for 2025 – 'Access to Services- Mental Health in Catastrophes and Emergencies'

India's Initiatives

- Mental Healthcare Act (2017): Guarantees mental health care, decriminalises suicide, mandates insurance, and ensures patient dignity and autonomy.
- District Mental Health Programme (DMHP): Covers ~767 districts with counselling, outpatient services, and suicide prevention.

- Tele MANAS: 24x7 helpline; over 20 lakh tele-counselling sessions conducted.
- School programmes: Manodarpan has reached 11 crore students.

'Revenue Department Day'

- July 1, the first day of the Fasli year, will be observed as 'Revenue Department Day' by the Tamil Nadu government.

Fasli Year

- It is a traditional agricultural calendar system.
- It starts on July 1 of every Gregorian calendar year.
- It serves as the primary reference for land revenue, updating village records, Jamabandi events, and the annual audited account of crop cultivation in Tamil Nadu.
- It is believed to have been initially followed during the Mughal era and was continued by colonial rulers.

National Voluntary Blood Donation Day

- National Voluntary Blood Donation Day 2025 was celebrated on October 1.
- **Theme:** "Donate Blood. Give Hope. Save Lives Together."
- Against a target of 4.50 lakh units set by the Delhi Health Directorate for government blood centers, Tamil Nadu collected 4.53 lakh units, achieving 101%.

National Postal Day 2025

- National Post Day, celebrated on October 10, honours the 150+ year legacy of India Post—the world's largest postal network.
- Declared in 1982
- The observance is part of National Postal Week (Oct 9–15).
- **2025 theme:** #PostForPeople: Local Service.

International Day for Disaster Risk Reduction – October 13

- To raise awareness, International Day for Disaster Risk Reduction is observed every year on October 13.
- The 2025 theme is **"Fund Resilience, Not Disasters"**

International Day for the Eradication of Poverty 2025

- Every year on October 17, the world observes the International Day for the Eradication of Poverty, as designated by the United Nations.
- **2025 Theme:** Family-Centric Poverty Eradication
- NITI Aayog's National Multidimensional Poverty Index (2023): 13.5 crore people exited multidimensional poverty between 2015–16 and 2019–21

Key Anti-Poverty Schemes in India

- **MGNREGA (2005)**
 - Guarantees 100 days of paid work annually to rural households; one-third of jobs reserved for women.
- **DAY-NRLM (2011)**
 - Aims to build sustainable livelihoods and self-help groups for rural poor, especially women.
- **PM Ujjwala Yojana (2016)**
 - Provides LPG connections to Below Poverty Line women for clean cooking energy.
- **Indira Awaas Yojana / PM Awas Yojana**
 - Provides free or subsidized housing to rural BPL families.
- **National Urban Livelihood Mission (2013)**
 - Targets urban poor through skill development and self-employment ventures.

▪ Integrated Rural Development Programme (IRDP)

- Provides credit and subsidy for rural income generation.

▪ Task Force on Poverty Elimination (2015)

- Under NITI Aayog, it focuses on measurement strategies and employment-driven poverty reduction.

Police Valor Day

- At the Police Memorial in Chennai, 10 Central Security Force constables were martyred in a sudden attack by the Chinese army at Hot Springs near the border area of Ladakh on 21.10.1959.
- Following this incident, Police Valor Day is observed every year on 21st October to pay tribute to the constables who died in various incidents while on duty.

United Nations Day

- October 24 United Nations Day is celebrated to commemorate the day the UN Charter came into force in 1945.
- **Theme (2025):** 'Promoting Peace, Unity, and Global Partnerships'
- The UN is an organization that promotes global peace, security, human rights and sustainable development.
- The day is celebrated to inform people about the purposes and activities of the United Nations and to emphasize global unity.

World Development Information Day

- **Date:** October 24
- The UN General Assembly proclaimed this day in 1972.
- It recognizes the important role that **information and communication technologies (ICT)** play in development.

- The aim is to **promote international cooperation that will bridge the gap between developed and developing countries.**

Vigilance Awareness Week

- Vigilance Awareness Week 2025 is being observed from October 27 to November 2, 2025.
- **Theme:** "Vigilance: Our Shared Responsibility".

Big Boost to Maritime Sector

▪ 5 New Acts Implemented

- Merchant Shipping Act, 2025: Modernizes shipping, boosts safety and investments.
- Coastal Shipping Act, 2025: Revamps coastal trade, drives efficiency, security.
- Carriage of Goods by Sea Act, 2025: Ensures fair, clear, modern shipping practices.
- Bills of Lading Act, 2025: Strengthens bills of lading for global trade.
- Indian Ports Act, 2025: Updates port governance, planning, and transparency.

▪ 4-Pillar Strategy worth 70,000 Cr. approved for maritime revitalisation

- Shipbuilding Financial Assistance Scheme (SBFAS) with a total corpus of 24,700 crore
- National Shipbuilding yard will be established
- The Maritime Development Fund (MDF) with a corpus of 25,000 crore
- The Shipbuilding Development Scheme (SbDS) with a budgetary outlay of 20,000 crore

World Stroke Day

- Observed every year on October 29,
- The day is observed as a global reminder to

recognize the early signs of stroke and act quickly Stroke: "Brain attack"

- Often described as a "brain attack", a stroke occurs when the blood supply to a part of the brain is interrupted or reduced.
- This prevents the brain tissue from getting oxygen and nutrients. This interruption can be due to a blockage (ischemic stroke) or bleeding (hemorrhagic stroke).

India Maritime Week 2025

- The event is being held at the Mumbai Commercial Complex
- Theme - Connecting Oceans, One Maritime Vision
- Launching transformative initiatives to achieve the vision of a ₹2.20 lakh crore ocean ecosystem.

Key Objectives

- Expansion of the Indian Shipping Corporation's fleet
- Implementation of IMW 2025 Global Investment Partnerships
- Partnership with global countries in shipbuilding

Key Benefits

- Creation of new employment opportunities
- Increased development of ships under the Indian flag

- Port connectivity and efficiency improvement of shipbuilding and ship repair groups
- Promotion of green energy and sustainable development
- Promotion of indigenous shipbuilding capacity
- Improvement of quality of life of coastal communities

Participating Countries

- Denmark, Netherlands, Norway, Singapore, South Korea

Participating States

- Odessa, Gujarat, Maharashtra, Goa, Karnataka, Kerala, Tamil Nadu, Andhra Pradesh, Uttar Pradesh, Assam

World Thrift Day

- Every year, October 30 is observed as World Thrift Day World Savings Day.
- In 1924, during the World Society of Savings Banks Conference held in Milan, Italy, October 31 was declared as World Thrift Day.
- In 1984, our country's former Prime Minister Indira Gandhi was assassinated on October 31, so October 30 is celebrated as World Thrift Day in India.
- The main objective of this day is to educate people about savings and thrift.

DEFENCE

Indigenously Built Patrol Vessel Dedicated to the Nation

- The new patrol vessel is named 'Akshar'.
- It is a state-of-the-art patrol ship built entirely within India.
- The vessel was constructed at the Goa Shipyard.
- It was built with 60% indigenous components.

KONKAN Exercise

- The Indian and British navies are set to conduct a joint naval exercise in the Indian Ocean for eight days.
- The exercise is being led by the British aircraft carrier HMS Prince of Wales.
- It is being conducted to demonstrate the commitment of both nations to ensuring safe and free sea routes.

DHUANI Hypersonic Missile

- It has been developed by the Defence Research and Development Organisation (DRDO).
- It can travel at a speed five to six times faster than sound.
- The missile is designed in such a way that no country's air defence system can intercept or destroy it.

'Aandroth' Submarine

- The INS Aandroth has been commissioned into the Indian Navy.
- The event took place at the Indian Navy base in Visakhapatnam.
- This vessel is the nation's second anti-submarine warfare submarine.

National Security Guard (NSG)

- The 41st Raising Day of the NSG was celebrated on 14 October 2025 at the headquarters of the Black Cat Commando unit in Manesar, Haryana.
- The Union Home Minister stated that a new center for the specially trained anti-terror and anti-hijack unit will be established in Ayodhya, Uttar Pradesh.
- Currently, NSG units operate in Mumbai, Chennai, Kolkata, Hyderabad, Ahmedabad, and Jammu.
- The Ayodhya center will be the seventh NSG center in India.

Exercise "Samudra Shakti"

- The Indian and Indonesian navies are jointly conducting a naval exercise named "Samudra Shakti" in Visakhapatnam.
- As part of the exercise, warships are departing the port under the guidance of tugboats.

India-UK Agreement

- The Indian Army has signed a contract worth Rs.4,100 crore with a UK company.
- Agreements were signed to strengthen bilateral ties across various sectors, including the defense sector.
- The Indian Army stated that this will fulfill the current and future requirements of the Ministry of Defense in achieving the Atmanirbhar Bharat (self-reliant India) goal.

India to supply Akash missiles to Brazil

- Akash is an indigenously manufactured air defense system in India.
- It has the capability to accurately strike and destroy aerial targets from the ground.

- India and Brazil have already decided to collaborate in the bilateral defense sector.
- The system can destroy enemy fighter aircraft, helicopters, and drones at a range of up to 25 km in the airspace.

Domestic Defence Production

- The central government aims to achieve 100% indigenisation in defence equipment production, according to the Defence Minister.
- In Nashik, Maharashtra, Hindustan Aeronautics Limited (HAL) has inaugurated a new division to manufacture Tejas MK-1A light combat aircraft, with plans to produce 24 aircraft.

BrahMos missile

- A supersonic anti-ship missile jointly developed by India and Russia.
- Named after the first parts of the names of the Brahmaputra River and the Moskva River.
- Developed jointly by India's DRDO (Defence Research and Development Organisation) and Russia's NPO Mashinostroyeniya.
- Supersonic anti-ship and surface-to-surface missile. Up to Mach 2.8 (about three times the speed of sound).
- Initially 290 km, now expanded to 450 km.
- Used by the Indian Air Force and Army.
- Can be launched from ships, submarines, aircraft and land.
- India is currently developing the BrahMos-2 Hypersonic (Mach 7 speed) missile.
- In 2024, the Philippines will be the first country to purchase BrahMos missiles from India.

Defence Production of the Country Has Increased Threefold

- The Prime Minister has said that the value of the country's defence sector production has increased threefold and crossed Rs. 1.5 lakh crore.
- INS Vikrant, the largest aircraft carrier built at the Kochi shipyard, was commissioned into the Navy in 2022. It is the first aircraft carrier built domestically.
- Ditya (another aircraft carrier). INS Surat, INS Marmagao, INS Chennai, INS Imphal, INS Kolkatta, INS Tushil, INS Thapar, INS Tej, INS Petwa, INS Deepak, INS Aditya, proved their mettle with the Brahmos and Akash missiles during Operation Sindhu.

Rafale fighter jet

- The Rafale aircraft, manufactured by France's Dassault Aviation, was formally inducted into the Indian Air Force in September 2020.
- Currently, 36 aircraft are in operation, and the Air Force has proposed to purchase 114 more aircraft.
- Meanwhile, India and France finalized a deal in April to purchase 26 Rafale fighter jets for use on the Indian Navy's aircraft carrier INS Vikrant for Rs. 64,000 crore.
- President Murmu flew a Sukhoi-30 fighter jet at the Air Force Station in Tezpur, Assam, on April 8, 2023.
- It is noteworthy that former Presidents Abdul Kalam (2006) and Pratibha Patil (2009) have previously flown in the Sukhoi 30 fighter aircraft.

Trishul - Tri-Service Exercise

- Exercise Trishul is a large scale operational exercise scheduled by the Ministry of Defence to integrate multiple services in complex scenarios.
- A major tri-Service military drill, involving the **Indian Army, Navy, and Air Force.**
- The exercise runs from **October 30 to November 10.**
- **Location:** Along the western border with Pakistan, spanning the states of Gujarat and Rajasthan.
- To showcase **joint operational capability** and **strategic preparedness**, and enhance **coordination** and **mission readiness** among the three Services.



SPORTS & GAMES

Para Athletics

- Sumit's Achievement - Won gold at the World Para Athletics Championship.
- This was held in Delhi.

Junior World Cup Shooting

- This was held in Delhi
- Sambhavi Naren - Gold
- Ishavari Maan - Silver
- Vinay Pratap - Bronze
- Won 3 medals respectively in the World Cup Shooting competition.

Asian Swimming

- Asian-level swimmer Srihari won his 5th medal.
- At the Swimming Championship held in Ahmedabad, India's Srihari Nataraj won his 5th medal impressively.
- Indian Aakash Mani secured 4th place.

Global Open Men's Tennis Tournament

- This competition was held in Tokyo, the capital of Japan.
- In the Open Men's Tennis tournament, Spain's Carlos Alcaraz won the championship title.

National Chess Championship Title

- Tamil Nadu player P. Iniyan won the National Chess Champion title.
- The event was held in Guntur, Andhra Pradesh.

World Championship – Weightlifting

- At the Weightlifting World Championship held in Norway, Indian athlete Mirabai Chanu won the silver medal

World Para Athletics Championships

- Held in New Delhi
- India's Medal Tally: 4 medals (2 Gold, 2 Bronze)
- Medal Winners:
 - Men's High Jump - Nishad Kumar – Gold
 - Women's 100m - Simran – Gold
 - Women's 200m - Preethi Pal – Bronze
 - Men's Discus Throw - Pardeep Kumar – Bronze

Chief Minister's Cup

- In the Chief Minister's Cup State Sports Competition for Weightlifting, Aishwarya from Vellore and Keerthika from Ramanathapuram won gold medals.
- The competition was held at the Nehru Indoor Stadium, Chennai.
- In fencing, Peniqueepa from Chengalpattu won the gold medal, and in weightlifting, Kavya from Vellore also won the gold medal.

National Motorcycle Racing

- The race was held at the Irungattukottai track near Chennai.
- In the Indian National Motorcycle Racing Championship organized by MMSC-FMSCI, women racers from Tamil Nadu achieved notable victories.

Winners (Women's Category):

- Jegathisree Kumaresan – First Place
- Ann Jennifer – Second Place
- Rakshitha Dave – Third Place

Men's Category:

- Rahil Pillari Shetty from Hyderabad – First Place
- Sarthak Sawan from Pune – Second Place
- Rashid – Third Place

Talent Cup:

- Raivatdar from Jammu – First Place
- Salomon from Chennai – Second Place
- Tejash from Tumakuru (Chennai team) – Third Place

World Para Athletics Championship

- This championship was held in **Delhi**.
- The event began on **September 27** and was conducted for **nine days**.
- It was the **12th World Para Athletics Championship**.
- **India finished 10th** with a total of **22 medals** - 6 gold, 9 silver, and 7 bronze.

Chief Minister's Trophy

- In the **gymnastics competition**, students from **Chennai and Coimbatore districts** secured the **first place**.
- In the **women's category**, **P.Muthamizhelvi** from Chennai won the **gold medal** and in the **men's category**, **A. Dinesh Karthik** from Coimbatore won the **gold medal**.

Football Tournament:

- The Coimbatore team won the tournament.
- The Chengalpattu team won the silver medal.
- The Kanyakumari team won the bronze medal.

Boxing Competition:

- A boxing competition for the CM's Cup was held under the Boxing Federation India (BFI).
- Angseetha and Arundhati won the champion title

World Junior Badminton Championship

- The **BWF World Junior Badminton Championships** were held in **Guwahati, Assam**.
- **India won a bronze medal** in the competition.

Para Badminton

- The International Badminton Championship was held in Victoria, Australia

- Para badminton players from Tamil Nadu have won 10 medals including 6 gold for India.
- Para players Sivarajan, Charumathi, Sudarshan, Rudhik, Jagadish and Dinesh have won medals.

Asian Youth Kabaddi

- The Chief Minister has presented a cash prize of Rs. 25 lakh each to Abinesh Mohandas from Tiruvarur, Tamil Nadu, and Karthika Ramesh from Kannagi Nagar, Chennai, who won gold medals in Kabaddi at the Asian Youth Games
- Kabaddi was introduced for the first time in these games held from the 19th to the 23rd at the Isa Sports City in Riba, Bahrain.
- India topped both the men's and women's categories in the final.

Asian Youth Games

- Maharajan Arumuga Pandian won a silver medal in weightlifting category.
- Maharajan, who participated in the men's 60 kg weight category, lifted 114 kg in the snatch category and 142 kg in the clean & jerk category, lifting a total of 256 kg and finishing 2nd.
- Meanwhile, in the women's medley relay, the Indian team of Tamil Nadu's Edwina Jason, Shaurya Avinash Ambure, Tannu, and Bhumika Sanjay Nehade won silver by reaching the target in 2 minutes, 9.65 seconds
- The Indian team of Hardik Alawath, Thanasree Shankar, Karlashmi Purailatpam, and Nihal Dewali won bronze in the mixed team category of Taekwondo.

India's 90th Grandmaster

- A 16-year-old from Chennai, Ilamparithi has achieved the status of Grand Master in chess.
- He is the 90th Grandmaster to emerge from India.
- Ilamparithi has emerged as the 35th Grand Master from Tamil Nadu.

INTERNATIONAL

Shanghai Cooperation Organization (SCO)

- India-China direct flight service to begin on August 26, announced Prime Minister Modi at the Shanghai Cooperation Organization (SCO) summit.

Shanghai Cooperation Organization (SCO):

- Established on 15 June 2001 in Shanghai, China.
- Headquarters: Beijing, China.
- Members: 9 countries.
- Objective: To resolve border disputes and build military confidence

5th anniversary of the India-Australia Comprehensive Strategic Partnership

- Agreements signed during the meeting in Canberra, Australia, marking the 5th anniversary of the India-Australia Comprehensive Strategic Partnership.
- Both sides have reaffirmed to work together in maritime security, defense industry and science and technology.

Defense Agreement Signed between India-Britain

- A defense sector agreement worth Rs. 7,122 crores has been entered into between India and Britain.
- This agreement was finalized in negotiations held in Mumbai.
- This includes an agreement for procurement of Light Multi-Purpose Application Missiles (LMM) to further strengthen air defense

capability, and an agreement for procurement of electric propulsion engines for naval vessels.

- Military Training Agreement: A separate agreement regarding military training was signed between the two countries.

International Monetary Fund (IMF)

- According to the IMF's projections, India is one of the world's fastest-growing economies and is set to surpass Japan to become the fourth-largest economy in the world.

- Furthermore, the IMF predicts that India will later overtake Germany to become the third-largest economy globally.

- **Headquarters:** Washington, D.C., United States

- **Established:** 1944 - at the Bretton Woods Conference

- Began operations: 1945

Objectives:

- To promote global monetary cooperation and stabilize international exchange rates.
- To assist member countries facing balance of payments problems and currency crises.
- To promote international trade and economic growth.
- To provide financial support to member countries and regulate currency fluctuations.

India Elected as Member of the UN Human Rights Council (UNHRC)

- India has been elected as a member of the United Nations Human Rights Council (UNHRC) for the seventh time.
- The UNHRC functions as a global body dedicated to the protection and promotion of human rights around the world.

- The Council comprises 47 member countries.
- Its members are elected by the United Nations General Assembly.
- India has been a member of the UNHRC since its inception in 2006.
- United Nations Human Rights Council (UNHRC)
- Formed in 2006, replacing the former Human Rights Commission.
- **Headquarters:** Geneva, Switzerland.
- Objective: To monitor human rights violations, promote protection, and support the advancement of human rights globally.
- It serves as the principal international body for the protection of human rights.
- The Council has 47 member countries, each elected for a three-year term.
- Its functions include investigating human rights violations and providing recommendations and advice to countries.
- regulating shipping and preventing marine pollution from ships.
- Established in 1948 and operational since 1958, the IMO has 175 member states and three associate members, with headquarters in London.
- India joined in 1959.
- The IMO creates a fair, effective regulatory framework for the shipping industry and addresses legal issues like liability and international maritime traffic facilitation.

ASEAN Summit

- Indian Prime Minister is expected to attend the East Asia Summit (EAS), part of the upcoming ASEAN summit, in Kuala Lumpur from October 26 to 28.
- India's participation highlights its role in regional and global groupings (Quad & BRICS).
- ASEAN meetings include review of ASEAN-India Trade in Goods Agreement (AITIGA).

International Maritime Organization (IMO)

- Member countries of the International Maritime Organization (IMO) postponed (delayed for a year) a vote on the strategic plan to move the shipping industry away from fossil fuel use and achieve "net-zero" by 2050.
- **IMO 2023 GHG Strategy aims to:**
 - Reduce carbon intensity of international shipping by at least 40% by 2030
 - Achieve net-zero emissions by 2050

About International Maritime Organisation (IMO)

- The International Maritime Organisation (IMO) is a specialized UN agency focused on

Strategic Context

- India is host of the upcoming Quad Summit (likely 2026) and BRICS Summit (2026).
- India is the only common member between Quad and BRICS, linking U.S.-led and Russia/China-led groupings.
- **Quad Members:** Australia, India, Japan, and the United States.
- **BRICS Initial 5 members :** Brazil, Russia, India, China, South Africa

ASEAN-India Summit

- The Prime Minister is scheduled to participate and address the ASEAN-India Summit to be

held in Kuala Lumpur, Malaysia, from October 26 to 28, via video conferencing.

- India has been a dialogue member of the 10-member organization, Indonesia, Malaysia, the Philippines, Singapore, Thailand, Brunei, Vietnam, Laos, Myanmar and Cambodia, since its inception in 1992.

Association of Southeast Asian Nations

▪ Year of establishment:

- 8 August 1967 (Bangkok, Thailand)
- Member countries (10): Indonesia, Malaysia, Thailand, Philippines, Singapore, Vietnam, Laos, Myanmar, Cambodia, Brunei

▪ Development of India's relationship:

- India became a "Sectoral Dialogue Partner" with ASEAN in 1992.
- Became a "Full Dialogue Partner" in 1996.
- The first ASEAN-India Summit was held in Cambodia in 2002.
- In 2012, the bilateral relationship was upgraded to a "Strategic Partnership".

2022 – 30th Anniversary celebration:

- Celebrated as ASEAN-India Friendship Year.
- Emphasised the bilateral relationship under the theme "Shared Values, Common Destiny".

22nd ASEAN Summit

- Prime Minister, while addressing the 22nd ASEAN-India Summit virtually, declared that "the 21st century is our century – the century of India and ASEAN."
- On that basis, the year 2026 has been declared as the **Year for the Promotion of ASEAN-**

India Maritime Cooperation.

- The two sides are focused on implementing the **ASEAN-India Plan of Action 2026-2030** to strengthen cooperation in: Trade, Investment, Education, Food Security and Technological Development.
- The summit was held in Kuala Lumpur, Malaysia.

About the Association of Southeast Asian Nations (ASEAN)

- It was established in 1967 in Bangkok (Thailand) with the signing of the ASEAN Declaration (Bangkok Declaration).
- Indonesia, Malaysia, Philippines, Singapore, and Thailand are the founding members of ASEAN.
- It has ten member countries. Other members are Myanmar, Laos, Cambodia, Vietnam, and Brunei.
- India is not a member of ASEAN.

Act East policy

- It was announced by PM Modi in 2014.
- It is a successor to the Look East policy.
- The objective is to promote economic cooperation and cultural ties and develop strategic relationships with countries in the Asia-Pacific region.

World Health Organization (WHO)

- The **World Health Organization (WHO)** is a specialized agency of the United Nations that investigates public health issues.
- Founded on **April 7, 1948**, it is headquartered in Geneva, Switzerland.

- The International Bureau of Public Health in Paris was established in 1907, it was the predecessor to the World Health Organization (WHO)
- Addresses the social and economic determinants of health through policies and programs that promote health equity and integrate pro-poor, gender-responsive and human rights-based approaches.
- Its mission is to influence public policy in all sectors to promote healthy environments, strengthen primary prevention, and address the root causes of environmental threats to health.



MISCELLANEOUS

Young Billionaires List

- The M3M Hurun India Rich List 2025 has been released.
- **Aravind Srinivas** from **Chennai** has made it to the list for the **first time**.
- **Mr. Aravind Srinivas** is the **founder and CEO of Perplexity**, an artificial intelligence company.

Mahatma Gandhi's First Visit to Madras (1896)

- Mahatma Gandhi first visited Madras in October 1896 and addressed a gathering at Pachaiyappa's Hall.
- He spoke about the hardships faced by Indians in South Africa, many of whom were from Madras, highlighting how most were indentured labourers suffering severe ill-treatment and denied legal protection.

G.D. Naidu – The 'Edison of India'

- G.D. Naidu, known as the 'Edison of India', was a pioneering inventor.
- During the Second World War, he manufactured mica capacitors and carbon resistors in Coimbatore.
- Along with 'Textool' Balasundaram, he built electric motors and invented vote recording machines, orange juice extractors, and coin-operated phonographs.

Elayaperumal Panel

- L. Elayaperumal, a three-time MP and one-time MLA of the Congress, led a committee on untouchability and Scheduled Castes development.
- The committee submitted its recommendations in 1969.

- The report helped abolish hereditary priesthood and allowed qualified individuals from all castes to serve as priests.

Central Electrochemical Research Institute (CECRI)

- The Central Electrochemical Research Institute (CECRI) was established at Karaikudi in 1948, a year after India's Independence.
- It was set up under the **Council of Scientific and Industrial Research (CSIR)**.
- CECRI contributes to **energy storage innovations and sustainable electrochemical technologies**.

Ryotwari land revenue administration

- **Thomas Munro**, the Governor of Madras in the early 19th Century, and Captain Alexander Read introduced the Ryotwari system of land revenue administration in **Madras in 1820**.
- Later, it was extended to **Bombay**.
- It was an alternative to the **Zamindari** system with an aim to eliminate intermediaries in land revenue administration.

Brain-Eating Amoeba

- Primary Amoebic Meningoencephalitis (PAM) is a rare and often fatal brain infection caused by the amoeba **Naegleria fowleri**, commonly known as the **"brain-eating amoeba."**
- It is found in **contaminated warm freshwater** sources such as wells, ponds, and lakes.
- **Transmission:** Naegleria fowleri enters the body through the nose when a person swims or bathes in contaminated freshwater. It then travels to the brain, causing **tissue destruction and inflammation**.
- It does not spread through **drinking water** or from **person to person**.

Ban on Using the Word “ORS” on Food Products

- The Food Safety and Standards Authority of India (FSSAI) has directed all food manufacturing companies to stop using the term “ORS” on labels and advertisements.
- Using “ORS” as part of a brand name or on packaging violates the Food Safety and Standards Act, 2006.
- The permissions granted in July 2022 and February 2024 allowing the use of the term “ORS” have now been withdrawn, according to FSSAI.

Food Safety and Standards Authority of India (FSSAI)

- The FSSAI is an autonomous statutory body established under the Food Safety and Standards Act, 2006.
- It functions under the Ministry of Health and Family Welfare, Government of India.
- Headquarters: New Delhi.
- Its objectives include setting food standards, ensuring safe food practices, licensing food businesses, ensuring compliance through inspections, testing food quality, training and capacity building, and promoting public awareness.

Decisive war between East India Company and Mysore forces

- Porto Novo, meaning New Port in Portuguese, is located on the north bank of the mouth of the Vellar River in Cuddalore district.
- This place is now known as Parangipettai. The British East India Company defeated Hyder Ali's troops in the Battle of Porto Novo which took place in July 1781.

The Tamil Nadu Small Industries Corporation Limited (TANSI)

- The Tamil Nadu Small Industries Corporation Limited (TANSI) was set up on December 1, 1965 to take over small industrial units run by the Department of Industries and Commerce.
- These units were set up during the first three Five-Year Plans to promote industrial growth.
- TANSI later entered other small-scale sectors.

Arumbavur wood carvings

- The Arumbavur wood carvings of Perambalur district are renowned for intricate craftsmanship and traditional designs.
- They are made entirely by hand. Artisans use woods like Aththi, Maavilangai, Vaagai, Vembu, Vengai, and teak, while temple cars are carved from Illuppai.
- The craft received the GI tag in 2020.

Ordnance Factory

- Ordnance Factory Tiruchirappalli (OFT), established on July 3, 1966 by Prime Minister Indira Gandhi, is India's largest small arms manufacturer.
- It began production in 1967 and was earlier part of the Ordnance Factory Board.
- OFT produces a wide range of rifles, carbines, and light machine guns for defence forces.

Madras Observatory

- Madras Observatory, one of the earliest astronomical and meteorological observatories in India, was opened by Governor Sir Charles Oakeley in 1792.
- It marked the start of systematic weather observation in the region, decades before India Meteorological Department was set up in 1875.

CURRENT FACTS

- National Pension Scheme -Made mandatory for central government employees from January 1, 2004.
- PFRDA (Pension Fund Regulatory and Development Authority) was established on August 23, 2003.
- Bihar's first Metro rail service started in Patna.
- Meaning of Chennai Kattibara Flyover -Kattibara means "Sword Parade". The name comes from the fact that in this area, which was once a military cantonment, parades were conducted with soldiers carrying swords upright, hence the name Kattibara .
- Argentina is the second-largest country in South America and the 8th largest in the world.It features the highest point in the Southern Hemisphere, Mount Aconcagua, and the lowest point, Laguna del Carbon Lake
- The Tamil Nadu Pollution Control Board (TNPCB) - Established in 1982, is the state body responsible for preventing and controlling water, air, and land pollution by enforcing the Water Act, Air Act, and the Environment (Protection) Act.
- National Green Tribunal (NGT) - It is a specialized statutory body established in 2010 under the National Green Tribunal Act to handle environmental disputes and ensures quick justice on matters of environment protection and resource conservation.
- St. Thomas Mount Church built on top of the hill bearing the names Punitha Thomaiyar Malai and Parangi Malai was built by the Portuguese in 1523.
- In India, the Model Code of Conduct (MCC) guidelines are issued by the Election Commission of India (ECI).
- The Central Government has declared Tamil Nadu's Meghamalai as India's 51st Tiger Reserve. This forest area spread across Theni and Madurai districts is the Tamil Nadu continuation of Kerala's Periyar Tiger Reserve.
- Fort St. George, where the Tamil Nadu government's headquarters is located, was completed on April 23, 1644. It is under the control of the Tamil Nadu Archaeological Department. The museum here also has the national flag that was first hoisted in our country.
- National Security Advisor (NSA) of India - Ajit Doval.
- During World War I, on September 22, 1914, Germany's Emden warship attacked Chennai. The bomb that exploded then hit the High Court compound wall. A plaque regarding this is still on the High Court wall till today.
- Article 370 of the Indian Constitution - Granted special status to the state of Jammu and Kashmir, allowing it to have its own constitution and significant autonomy over its internal affairs, with only defence, foreign affairs, and communications remaining under the central government's direct control. In August 2019, the Indian government revoked Article 370 through a Presidential Order, which was upheld by the Supreme Court in December 2023.
- Armenia is the first country in the world to officially adopt Christianity. About 97% of its population follows Christianity. Its capital, Yerevan, is one of the oldest cities in the world.
- In the 1st century AD, Roman merchants traveled to the seas of other countries through Chengal for trade. In a travelogue written by these Roman merchants, there is a mention of "Pazhaveerkadu port city."

- The Semparabakkam Lake, spread over an area of 15.38 sq. km in Thiruvallur and Kanchipuram, is 24 feet deep with a capacity of 3,645 million cubic feet. This lake is the first artificial lake built by King Rajendra Chola I.
- Jnanpith Award: It was first awarded in 1965 to Sankar Guru from Kerala, and the 59th award (2024) was given to Vinod Kumar Shukla from Chhattisgarh.
- One of South India's oldest Catholic churches is Mylapore's Luz Church. It was built in 1516 by the Portuguese in the old European architectural style. Last August, its 509th annual feast was celebrated.
- The world's first democratic election was the Uthiramerur Kudavolai system election of the 10th century. Even then, those who had misappropriated others' property or had relationships with other women were not allowed to contest.
- The Nobel Prize is the most prestigious award given for literature. Other notable literary awards include the Man Booker Prize, International Booker Prize, Pulitzer Prize, and Hugo Award.
- The ancient St. Mary's Church, located within the Fort St. George complex, was consecrated on October 28, 1680. It is the oldest British building in India, built with contributions from the English residents who lived in the fort during that period.
- During British rule, in 1670, Sir William Langton, who served as the Governor of Madras, first formed a mounted cavalry unit with 7 horses. This cavalry later evolved into a separate division of the Chennai Police Department.
- In Tamil Nadu's Budget estimates for 2025-26, the Debt to GSDP Ratio was projected to be 26.07%, well within the target of 28.70% prescribed under the 15th Finance Commission.
- Operation Blue Star: It was a military operation carried out from June 1 to June 10, 1984, with the objective of flushing out and arresting the terrorists who were hiding inside the Golden Temple in Amritsar, Punjab.
- India's first zoo was established in 1855 at Moore Market, Chennai. Later, the zoo was moved to Vandalur to allow the animals to live in their natural environment. It was inaugurated by the then Chief Minister MGR on July 24, 1985.
- The Kalinga Prize was established by UNESCO in 1952 through a donation from Biju Patnaik, founder of the Kalinga Foundation. This international award is given to individuals who communicate scientific ideas and discoveries.
- Thomas Munro was a Major General in the British Army and Governor of Madras from 1820 to 1827.
- The Supreme Court of India was established on 28 January 1950. The first Chief Justice of the Supreme Court was Harilal Jaisundas Kania. He held the office till 6 November 1951.
- In India, 89,507 cases are pending in the Supreme Court, 63,62,168 cases in the state high courts, and 4,70,81,356 cases in the district and lower courts across the country.
- According to the Budget Estimates for Tamil Nadu for 2025-26, the debt-to-GDP ratio is projected to be 26.07%, which is within the target of 28.70% set under the 15th Finance Commission.
- India's first woman doctor, Muthulakshmi Reddy, started a 12-bed cancer hospital in Adyar in 1954 with a fund of Rs. 1 lakh raised through the Indian Women's Association after her younger sister died of cancer.
- The foundation stone of the Ripon Building, the headquarters of the Chennai Corporation, [The Ribbon Building, considered the "White House of Chennai"] opened on 26 November 1913. It was named after Lord Ripon, who, as the Governor-General of India, made reforms in local administration. was built Indo-Saracenic style.

- Tamil is one of the four official languages of Singapore. Along with English, Malay, and Chinese, Tamil is used as an official language in Parliament.
- The Internet is also home to a student meal plan, created by StudentRecipes.com. It contains over 4,000 food types and cooking methods.
- Madame Blavatsky and Colonel Olcott founded the Theosophical Society in New York in 1875. After 1879, its headquarters were located in Adyar, Chennai. Annie Besant popularized the movement in India.
- The 2025 International Booker Prize has been awarded to Kannada writer Banu Mushtaq's novel 'Heart Lamp'. It is the first International Booker Prize to be won by a Kannada-language writer.
- Vanji and Nocchi are two categories of words found in the Purathinai. Vanji refers to the act of war to conquer the enemy's country and the burning of the Vanji flower. Nocchi refers to standing guard over the enemy's fort.
- The Victoria Public Theatre was built in 1888 to commemorate the Golden Jubilee of Queen Victoria's reign under British rule. It was here that films were screened for the first time in Tamil Nadu in 1889.
- Savitribai Phule – India's first female teacher, she worked resolutely in the 19th century to provide education to women, overcoming social oppression and humiliation.
- Sangeet Natak Akademi Award – This award is presented by India's National Academy for Music, Dance, and Drama. It is considered the highest national recognition in the field of arts.
- University of Madras – Established in 1857, this is one of the country's oldest universities. It has produced renowned scientists, politicians, and artists, and holds the distinction of creating the first Tamil dictionary among Indian languages.
- Royapuram Railway Station – India's second oldest railway station, where South India's first train ran in June 1856. It remains one of the oldest operational railway stations in the country.
- Kanchipuram Kumarakottam Temple (Senadheeswaram) – Revered as a sacred place of knowledge, clarity, and peace, it is associated with the Kanda Puranam. The Kalmandapam where Kanda Puranam was recited is now Kachiyappar Library.
- 2023 – International Year of Millets – Declared by the United Nations, highlighting India's leadership as the world's largest producer of millets.
- India – World's Largest Milk Producer – Within India, Uttar Pradesh ranks first, Rajasthan second, and Madhya Pradesh third in milk production.
- Chennai Central Railway Station was established in 1873, designed by George Harding and later modified by Robert Fellowes Chisholm.
- Egmore Railway Station was opened in 1908.
- Palaverkadu Lake in Thiruvallur district is the second-largest brackish water lake in India. Rivers such as Swarnamukhi, Kalangi, and Arani from Andhra Pradesh flow into Palaverkadu Lake
- Pugazhendi Pulavar, a poet from the Pandya-Chola period, wrote Nala Venpavai. Varaguna Pandiyan Avai served as a poet. He was born in Ponvilainthakalthur near Chengalpattu, where a mandapam (memorial hall) has been established in his honor.
- M. Bhaktavatsalam, former Chief Minister of Madras State, was born in Nasarathpettai near Poondhamalli. A freedom fighter, he served as Chief Minister from 1963 to 1967. His daughter is Sarojini Varadappan, a Padma Shri awardee.

- Adyar River originates in Kanchipuram district, flows through Chengalpattu and Chennai districts for 42 km, and empties into the Bay of Bengal. Its tributaries pass through around 31 lakes in Thiruvallur, Kanchipuram, Chengalpattu, and Chennai districts.
- The Conference of Parties (COP) pre-meetings will be held on 10 November in Palem, Brazil.
- The Kodaikanal Star Lake was constructed in 1863 by Henry Levinge. Initially, the lake served as a drinking water source.
- In Virudhunagar District, there are 450 village panchayats and 608 revenue villages, along with 7 Assembly constituencies
- Uranus, the seventh planet from the Sun, is classified as an ice giant. It has 13 rings and is composed mainly of water, ammonia, and methane ice.
- The World Trade Organization (WTO) was established in 1947 with the aim of liberalizing international capital trade and overseeing it. It regulates trade between participating countries
- According to the history of Indian civil services, under the rule of the British East India Company in the 1790s, Governor-General Cornwallis created structured government services in an organized manner.
- In 1800, Lord Wellesley established William College in Kolkata to train civil servants. However, in 1806, this training was shifted to the East India Company's college in Britain at Haileybury.
- In Pattarai Perumbudur village near Tiruvallur, located on the banks of the Kosastalai River, excavations conducted by the Archaeological Department uncovered over 3,500 artifacts, including a terracotta-lined well, used by people who lived there from the Stone Age to the early historic period.
- The Frankfurt Book Fair in Germany is considered the world's largest book fair. This year, it began on October 11 and will conclude on October 19 (tomorrow).
- Chennai Airport, India's fifth busiest airport, saw its first flight service begin in 1916, and it has been in regular operation since 1930
- Hans Kammerlander, an Italian mountaineer, set a record in 1996 by climbing Mount Everest without using supplemental oxygen. He reached the summit in 16 hours and 45 minutes.
- India's first meteorological observatory was established in 1792 at Nungambakkam, Chennai. It has been recording and documenting weather data daily for over 140 years without interruption, earning recognition as a World Meteorological Centre.
- When linguistic reorganization of Indian states took place in 1956, Tiruttani, a Tamil-majority area, was merged with Andhra Pradesh. Due to the efforts and protests led by Ma. Po. Si, Thalapathi Vinayagam, and Mangalangizh, Tiruttani was rejoined with Tamil Nadu on April 1, 1960.
- Kalaignar Magalir Urimai Thittam- It was launched on September 15, 2023, the birth anniversary of former Chief Minister Annadurai. Women, who have completed 21 years of age (born before September 15, 2002), are eligible to apply for the scheme
- Crew Escape System (CES): The Crew Escape System is a rapid-acting safety mechanism developed to eject the crew module carrying astronauts away from a malfunctioning launch vehicle during an emergency. It has been designed and developed by ISRO as part of the Gaganyaan human spaceflight programme.
- Chathuragiri, also known as Sanjeevigiri, is located in the Saptur Valacharakam of Madurai district, at an altitude of 3,500 feet above sea level, between the four mountains of Sivagiri, Vishnugiri, Brahmagiri, and Chittagiri.

- 'Pudhumai Penn' Scheme Beneficiaries: 5,29,728 students (pursuing arts and science, engineering, and other courses) have benefited from the scheme to date.
- 'Tamil Pudhalvan' Scheme Beneficiaries: 3,92,449 students have benefited from the scheme to date.
- The Paniya tribes primarily reside in the districts of Wayanad, Kannur, Kozhikode, and Malappuram in Kerala, as well as in adjacent areas of Coorg in Karnataka and the Nilgiris in Tamil Nadu.
- Sadar Festival (Dunnapothula panduga) is a buffalo carnival celebrated annually by the Yadav community of Hyderabad, Telangana, India as a part of Diwali. It occurs on the second day after Diwali
- Mullaperiyar Dam: It is a masonry gravity dam on the Periyar River in Thekkady, Idukki district, Kerala. It is one of India's oldest dams, built between 1887 and 1895.
- The Kollidam is the northern tributary of the Kaveri River as it flows through the delta of Thanjavur.
- Stanley Reservoir (also known as Mettur dam) on the cauvery river, located in Salem District of Tamil Nadu, is one of largest fishing reservoirs in South India.
- The Tamil Nadu Factories Rules, 1950, framed under the Factories Act, 1948 to ensure the occupational safety, health, and welfare of workers in factories located in Tamil Nadu.
- India and China are the two biggest buyers of Russian oil.
- Reliance Industries Ltd (RIL) - Operates the world's largest refinery complex at Jamnagar, Gujarat. India's top buyer of Russian crude.
- The Adyar River - Starts near Chembambakkam Lake in Kanchipuram district, Tamil Nadu. It is one of three rivers flowing through Chennai and joins the Bay of Bengal at the Adyar Estuary. The remaining two are the Cooum and the Kosasthalaiyar.
- Cutting-edge semiconductor research: Applied Materials India Chairman Avi Aula said the collaboration with IIT Madras will accelerate the development of a strong semiconductor ecosystem in India.
- Pallikaralai Marshland - A freshwater and partly saline wetland located in Chennai, Tamil Nadu, was designated a Ramsar Site in 2002.
- The border between India and Bhutan is 699 km long. It is a land border that runs along four Indian states: Sikkim, West Bengal, Assam, and Arunachal Pradesh.
- The Union Government has planned to organize a conference on emerging science, technology and innovation, including the Ministry of Space, at Bharat Mandapam in New Delhi from November 3 to 5.
- The Food Safety and Standards Act, 2006, brought by the Central Government, was implemented throughout the country on 5 August 2011. The Food Safety and Drug Administration Department was established on 22 December 2011.
- The Tamil Nadu Medical Services Corporation was registered on 1 July 1994 as an ISO certified government agency. Its task is to procure medicines, conduct quality control tests and supply them to hospitals
- Sanae Takaichi - Japan's first female prime minister.
- The United States is at the top with 8,133 tons of gold reserves. India is at the eighth position with 880 tons of gold.

- The state animal of Tamil Nadu, the Nilgiri tahr, is found in large numbers in the Iravikulam National Park near Munnar. These are goats that can easily climb steep cliffs.
- The Arignar Anna Zoological Park in Vandalur was the country's first zoo, established in 1855. It is one of the largest zoos in Southeast Asia and is spread over an area of 602 hectares.
- A sculpture called the Tiger Cave, in the shape of a tiger's face, is located in the village of Chaluvankuppam on the Chennai-Mamallapuram road. It was carved during the Pallava kings and is a UNESCO recognized heritage site.
- There is a reference to Kanchipuram before the Pallava period in Sangam literature. The information that King Thondaiman Ilandhiraya ruled Kanchi as his capital 2,500 years ago is in the Perumbanatrupai.
- The Tamil Nadu Medical Services Corporation was registered as an ISO certified government agency on July 1, 1994. Its task is to procure medicines, conduct quality control tests and supply them to hospitals.
- The Food Safety and Standards Act, 2006, brought by the Central Government, was implemented across the country on August 5, 2011. The Food Safety and Drug Administration Department was formed on December 22, 2011.
- A new flowering plant species, *Tetrataenium manilalianum*, has been discovered in the Eravikulam region of Kerala in the Western Ghats. It is an herbal plant that grows in the desert forests.
- S. Rajarathinam - First kabaddi player from Tamil Nadu to receive the Arjuna Award. He led the Indian team to win the gold medal, defeating Pakistan in a rematch at the 1994 Asian Games in Hiroshima, Japan.
- The Indian Kabaddi team won its first gold medal victory in the sport at the 1990 Asian Games held in Beijing, China.
- Patrick Hermini - New President of Seychelles.
- Avadi Heavy Vehicle Factory (HVF) - It is an Indian government defence company. It manufactures heavy combat vehicles including the Nanvijayanta, T-90, T-72 armoured vehicles and the Arjuna gun carriage.
- The Thiruvallikkeni Parthasarathy Temple, one of the oldest buildings in Chennai, was built by the Pallava kings in the 8th century. Later, it was expanded by the Vijayanagara kings
- November 7, 2025 - Marks 150 years of "Vande Mataram", written by Bankim Chandra Chattopadhyay and first sung by Rabindranath Tagore.
- India - Has 65% of its 1.4 billion people under 35 years.
- The Government Eye Hospital, Egmore, Chennai was founded in 1819 by Dr. Robert Richardson. Asia's first eye bank was established here, where the continent's first eye transplant was also performed.
- The Madras High Court is one of the three High Courts established in 1862 by the Charter of Queen Victoria. It is the second largest court complex in the world.
- Professor Zhang Baosheng - Translated the Bhagavad Gita into Chinese.
- The Chief Justice of the Madras High Court - Justice Manindra Mohan Shrivastava.
- Chief Election Commissioner (CEC) of India : Gyanesh Kumar
- According to UNESCO, a total of 7,000 languages are currently spoken in many parts of the world. According to UNESCO, 40% of these, i.e. 2,800 languages, are on the verge of extinction soon.

- The Chennai Port, which is the second largest port in India, was opened in 1881. It is a major factor in the economic growth of Tamil Nadu. In 2024-25, this port handled a record 54.96 million metric tons of cargo.
- The Naxalite problem arose in Tamil Nadu during the years 1967-1970. In order to monitor and arrest them, Q Division was formed in the Tamil Nadu Police Department in 1976. Its name was changed to Q Division Criminal Investigation Department.
- The Sepoy Mutiny took place in Vellore Fort on July 10, 1806. About 115 people, including 15 British officers and 83 soldiers, were killed in this. This is considered the seed of the first Indian freedom struggle.
- Russia's SJ-100 passenger plane is to be manufactured in India by HAL.
- The first trial of artificial rain to reduce the increasing air pollution problem in Delhi was held on 28.10.2025 after 53 years.
- At the Pushkar Livestock Fair in Rajasthan, one of the most famous livestock fairs in India, a horse worth Rs. 15 crore, a buffalo worth Rs. 23 crore and a cow measuring just 16 inches tall were sold and attracted the attention of visitors.
- The foundation stone of the Chennai District Central Library was laid in 1960 and was opened on Nov. 10, 1965 by the Governor of Madras, Maharaja Jaya Chamaraja Wodeyar, in the presence of Chief Minister M. Bhaktavaswama. It was named Devaniya Bhavanar District Central Library in 1981
- A study published in the Lancet magazine has found that 5.13 percent of farmers in Tamil Nadu have impaired kidney function. A team led by Dr. N. Gopalakrishnan, Secretary of the State Organ Transplant Commission, conducted the study.
- The Kudiyaam Caves are located in the Allikuzhi mountain range near Uthukottai. Robert Bruce Boot, known by historians as the father of Indian archeology, recorded in 1864 that these were caves inhabited by ancient people.
- Kanchipuram was once called 'Kadigasthanam' or 'Place of Learning'. It was a major centre of learning for Buddhism, Jainism, and Hinduism. The famous Buddhist scholar Dharmapala was born here.
- The Indian Metro Rail service is currently operating in 23 cities, covering a total distance of 1,032 kilometers. India is the country with the third largest metro rail service in the world, after China and the United States.
- Chairperson of the Tamil Nadu State Commission for the Scheduled Castes and the Scheduled Tribes - Justice S. Tamilvanan.
- Manusmriti, Yajnavalkyasmriti - Ancient texts
- Article 75 of the Indian Constitution - Deals with the appointment and responsibilities of the Prime Minister and the Council of Ministers.
- Article 164 of the Indian Constitution - Deals with the appointment and responsibilities of state ministers.
- Article 239AA of the Indian Constitution - Grants special status to Delhi, renaming it the National Capital Territory of Delhi (NCT) and establishing a legislative assembly and council of ministers for it.
- Article 21 in Constitution of India - Protection of life and personal liberty.

- The Chairman of the Tamil Nadu State Commission for Scheduled Castes and Scheduled Tribes - Justice S. Tamilvanan.
- Tamil Nadu ranks 4th nationally in total installed renewable energy capacity with over 25,500 MW from renewable sources.
- In the wind energy segment, Tamil Nadu ranks 2nd nationally with 11,500 MW of installed capacity.
- The Swadesh Darshan Scheme is an initiative launched by the Ministry of Tourism, Government of India, in 2014-15 to promote theme-based tourism circuits across the country
- The PRASHAD Scheme (Pilgrimage Rejuvenation and Spiritual, Heritage Augmentation Drive) was launched by the Ministry of Tourism, Government of India, in 2014-15 to develop and enhance pilgrimage and heritage tourism sites.
- The GNI Project - Conceived by NITI Aayog and launched in 2021, aims to build an International Container Transshipment Terminal (ICTT), a Greenfield International Airport, a Township, and a Gas-Solar Power Plant.
- Two more SIPCOT industrial parks are to be set up in Tamil Nadu. One SIPCOT industrial park is to be set up in Madhuramangalam near Paranthur in Kanchipuram district and another SIPCOT park is to be set up in 3 villages namely Vanjinagaram, Kotkuttampatti and Bhoothamangalam in Melur area of Madurai district.
- Vivekananda House is the place where Swami Vivekananda stayed for 9 days from 6th to 15th February 1897 after returning from a lecture in Chicago, USA. It is reported that he delivered 9 famous lectures here.
- Vivekananda House was a 'Ice House' used by the British to store ice cubes in 1842. Later, it became a naval accommodation called 'Marine Mansion'. It is known by its current name because of Vivekananda's stay.
- Birds coming from Vedanthangal search for food at the Karikili Bird Sanctuary, 3 km away. It was declared a bird sanctuary in 1988 by merging the 2 lakes. It was declared a Ramsar site in 2022.
- The Alamparai Fort was built by the Mughal Empire in the late 17th century near Chengai, Kadapakkam. When it was a port in ancient times, clothes, salt, and ghee were exported. Now, it is a dilapidated historical monument.