

January - 27

TNPSC BITS

- ❖ The Puducherry-born Thavil exponent P. Datchana Moorthy is among the recipients of the Padma Shri awards 2025.
- ❖ Tamil Nadu CM has unveiled the renovated memorial of Tamil martyrs Natarajan and Thalamuthu at Moolakothalam in Chennai, who sacrificed their lives to protect the Tamil language in the struggle against Hindi imposition in 1939.
- ❖ The Reliance Industries is planning to build the world's largest data center in Jamnagar, Gujarat.
- ❖ The US President has signed an executive order banning the creation and issuance of Central Bank Digital Currency (CBDC) in the US.
- ❖ Madhya Pradesh cabinet has decided to impose a liquor ban in 17 religious cities in the state.
- ❖ A federal judge blocked Donald Trump's administration from implementing the executive order curtailing the right to automatic birthright citizenship in the United States, calling it "unconstitutional."
- ❖ The Punjab cricketer Arshdeep Singh was named the International Cricket Council (ICC) men's Cricketer of the year 2024.
- ❖ Madison Keys of USA has won her first-ever Grand Slam title by beating two-time defending champion Aryna Sabalenka of Belarus in the Australian Open Tennis final in Melbourne.
- ❖ The Inland Waterways Authority of India (IWAI) will now have its sixth regional office in Varanasi, Uttar Pradesh.
 - Presently it has five regional offices in Guwahati (Assam), Patna (Bihar), Kochi (Kerala), Bhubaneswar (Odisha) and Kolkata (West Bengal).

TAMIL NADU

Padma awardees from Tamil Nadu

- ❖ Thirteen persons from Tamil Nadu and one from Puducherry have been recognised with the Padma awards this year.
- ❖ Kuppusami Chetti, already a Padma Shri, owns the renowned brand of silk sarees - Nalli Silk.

- ❖ Recently-retired Ashwin received the Padma Shri for his contributions to sports with 537 Test wickets.

Name	Field	Aaward
Nalli Kuppuswami Chetti	Trade and Industry	Padma Bhushan
S Ajith Kumar	Art	Padma Bhushan
Shobana Chandrakumar	Art	Padma Bhushan
Guruvayur Dorai	Art	Padma Shri
K. Damodaran	Others-Culinary	Padma Shri
Lakshmipathy Ramasubbaiyer	Literature and Education-Journalism	Padma Shri
M D Srinivas	Science and Engineering	Padma Shri
Purisai Kannappa Sambandan	Art	Padma Shri
R Ashwin	Sports	Padma Shri
R G Chandramogan	Trade and Industry	Padma Shri
Radhakrishnan Devasenapathy	Art	Padma Shri
Seeni Viswanathan	Literature and Education	Padma Shri
Velu Aasaan	Art	Padma Shri

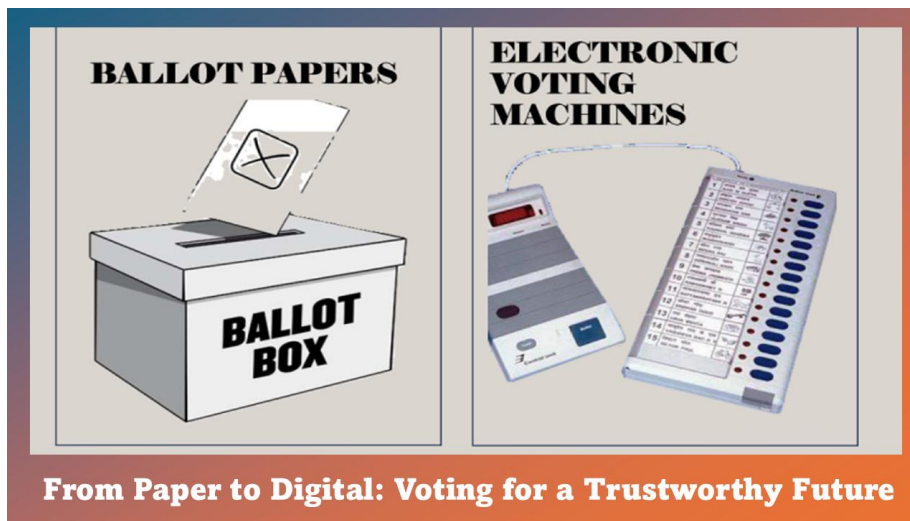
ExTeM Centre of IIT-Madras



- ❖ IIT Madras's ExTeM Centre is working on new technologies for manufacturing in space.

- ❖ The centre is conducting the research on technologies like 3D-printed buildings, metal foams and optical fibres in space.
- ❖ This Centre is also developing revolutionary methods like concrete construction without water.
- ❖ This research of ExTeM (Extra Terrestrial Manufacturing) will strengthen India's Gaganyaan mission and future space station.
- ❖ Its microgravity drop tower is the fourth largest operational tower in the world.

EVMs for local body elections



- ❖ Voters in 28 districts in Tamil Nadu will be able to elect their ward members at the district, union and village levels, and their panchayat presidents, using the electronic voting machines (EVM) this time.
- ❖ The term of elected representatives in the other nine districts, Vellore, Ranipet, Tirupattur, Chengalpattu, Kancheepuram, Villupuram, Kallakurichi, Tirunelveli and Tenkasi will end in October 2026.
- ❖ Tamil Nadu State Election Commission (TNSEC) planned to introduce EVMs for electing RLBs in a phased manner in these districts.
- ❖ The pilot for use of EVMs in RLBs was conducted in 2019 at Melpuram Panchayat Union.

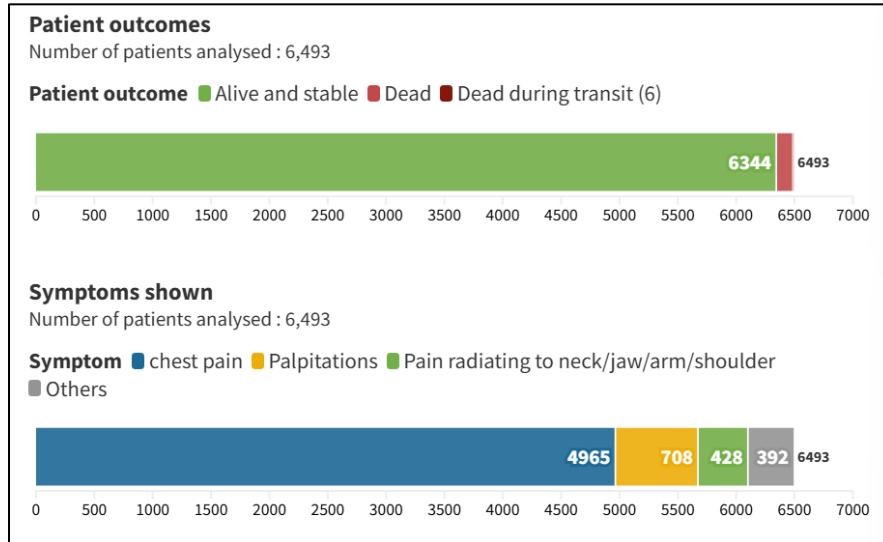
Road accidents in Tamil Nadu 2024

- ❖ Tamil Nadu has reported a significant reduction in fatal road accidents with the number of deaths coming down by 273 in 2024 compared to the previous year.

- ❖ While 18,347 people died in 17,526 fatal road accidents in 2023, the number came down to 18,074 and 17,282 respectively last year.
- ❖ 80,558 driving licences were suspended for violating the motor vehicle rules.
- ❖ Highway patrol vehicles shifted 12,629 people critically injured in road accidents to hospitals within the Golden Hour.

சாலை விபத்துகளில் தமிழகம் 2ஆவது இடம்
இந்தியாவில் அதிக சாலை விபத்து நேரிடும் மாநிலமாக உத்தர பிரதேசம் (23,000 பேர்) முதலிடத்தில் உள்ளது ஆண்டுக்கு 10.6% (18,000 பேர்) சாலை விபத்துகளுடன் நாட்டில் 2ஆவது இடத்தில் தமிழ்நாடு உள்ளது சாலை விபத்துகளில் 3ஆவது இடத்தில் மகாராஷ்டிரா, 4ஆவது இடத்தில் மத்திய பிரதேசம் உள்ளது

Idhayam Kappom - First assessment

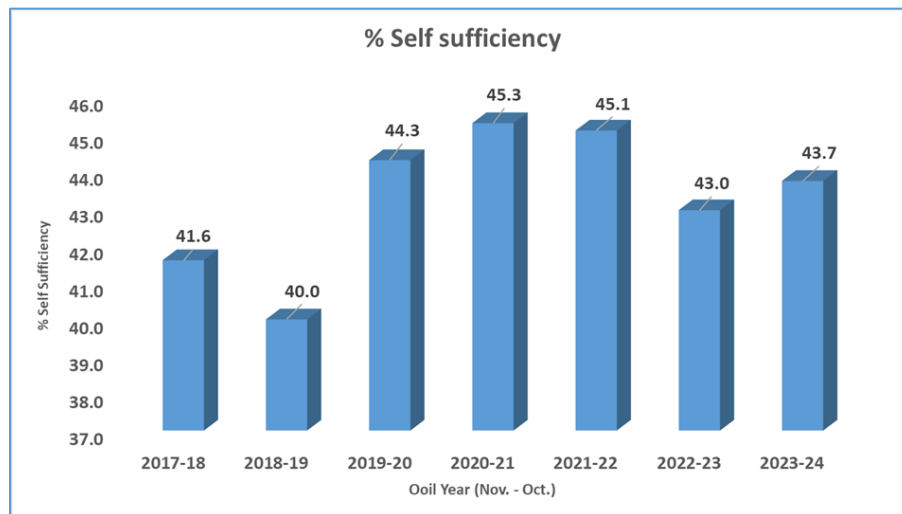


- ❖ The State government launched 'Idhayam Kappom Thittam' on June 27, 2023.
- ❖ It aims to provide cardiac loading doses (aspirin, clopidogrel and atorvastatin) at PHCs/HSCs to prevent deaths due to cardiac illness.
- ❖ Demographics data of the study population showed that most of the patients were men (4,248 persons).
- ❖ Almost half of the study population were aged 45 to 60 years (2,137 men and 1,148 women).

- ❖ Symptoms-wise, 76.5% (4,964) of the persons have reported to the primary care facilities with chest pain.
- ❖ This was followed by the palpitations in 10.9% and the pain was radiating to the neck/jaw/arm/shoulder in 6.6% of the patients.
- ❖ 97.7% of the patients (6,346) were alive and stable, while 2.2% (143) died and 0.1% (4) died during transit.

NATIONAL

First edible oil consumption survey

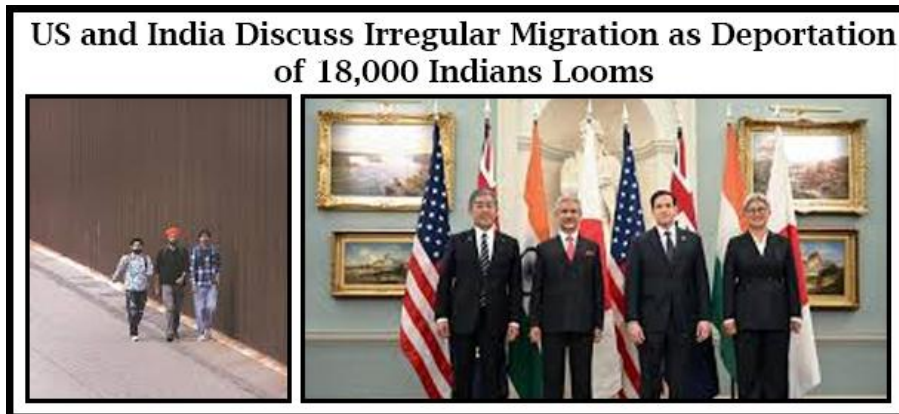


- ❖ The Union agriculture ministry has launched its first-ever survey to assess edible oil consumption patterns in India.
- ❖ It aims to effectively implement the new Mission on Edible Oils-Oilseeds (NMEO-Oilseeds).
- ❖ India is the world's largest consumer and importer of edible oils but lacks recent data on consumption patterns.
- ❖ Per capita annual consumption of edible oil has risen to over 20 kg in India.
- ❖ It is exceeding the recommended limits of 12 kg by the Indian Council of Medical Research (ICMR) and 13 kg by the World Health Organisation (WHO).

Indian Deportations 2025

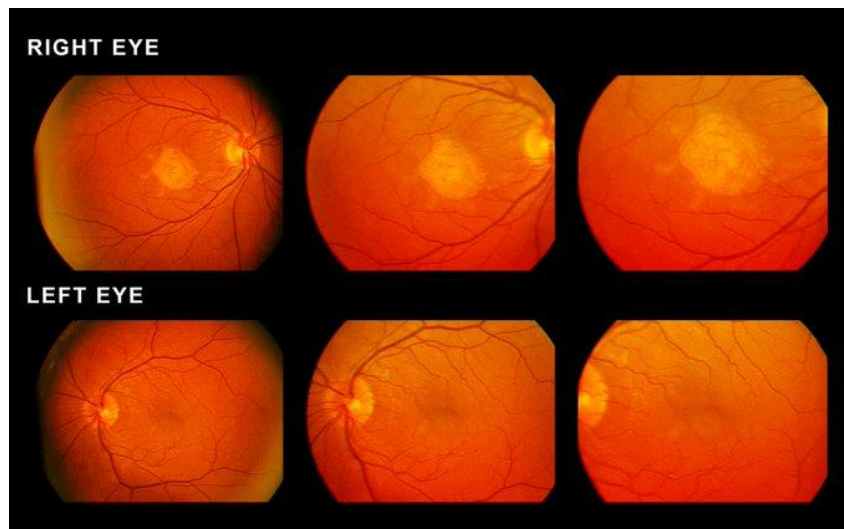
- ❖ The Indian government has identified 18,000 emigrants living in the US illegally that it intends to repatriate.

- ❖ There are an estimated 725,000 undocumented Indian immigrants in the US, making them the third largest group after those from Mexico and El Salvador.
- ❖ Indians accounted for almost 75% of all H-1B visas given out in 2023.
- ❖ Deportation is the process of removing a non-citizen from the US for violating the immigration law.
- ❖ The US may detain and deport non-citizens who participate in criminal acts, are a threat to public safety; or violate their visa.
- ❖ The foreign national may be held in a detention centre before trial or deportation.
- ❖ In 2019, around 1,616 Indians were deported, which increased to 2,312 in 2020.



SCIENCE AND TECHNOLOGY

Stargardt Disease



- ❖ Researchers has developed a technique to edit genes, to demonstrate how it could be used to perhaps cure Stargardt disease.



- ❖ Stargardt disease is an inherited disease that leads to progressive vision loss in children and young adults.
- ❖ It is usually bilateral, involving both eyes.
- ❖ Stargardt disease also known as Stargardt macular degeneration, is commonly caused by changes in a gene, ABCA4.
- ❖ This gene influences how your body uses Vitamin A.
- ❖ In India, the disease prevalence was estimated at 1 in 8000 to 10000 populations.

ENVIRONMENT

Brazil Wildfires in 2024

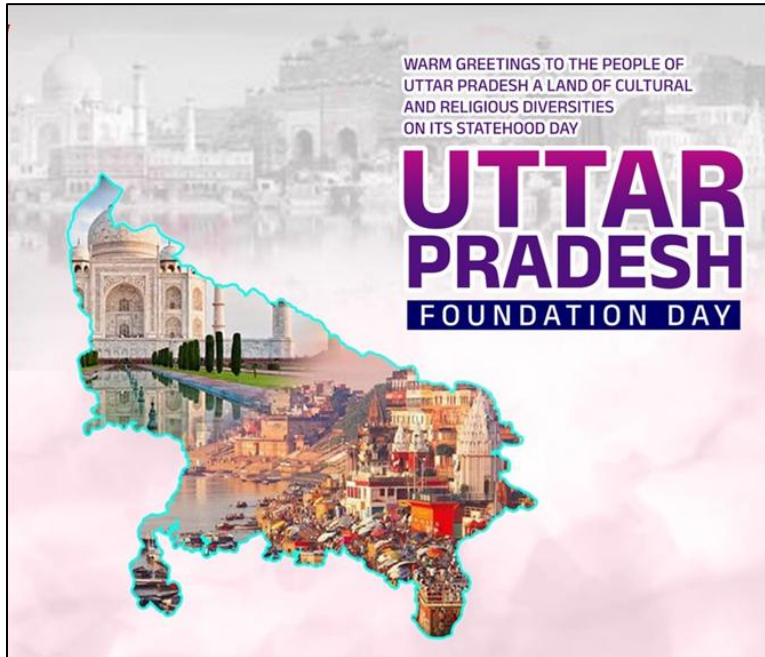


- ❖ Over 30.87 million hectares of wilderness were consumed by fire, an area roughly the size of state Maharashtra in India or Italy.
- ❖ There was a 79 percent increase in burned area from 2023, when 17.24 million hectares were destroyed — an increase of 13.63 million hectares.
- ❖ This figure is the very highest one since 2019, when 18.08 million hectares were incinerated.
- ❖ 10.63 million hectares were lost in a single month -September 2024.

- ❖ Amazônia was the worst-hit region, losing 17.9 million hectares, followed by the Cerrado with 9.7 million hectares, Pantanal with 1.9 million hectares and Mata Atlântica with 1 million hectares.

STATES

Uttar Pradesh Foundation Day 2025



- ❖ In 1902, it was established as the United Provinces of Agra and Oudh during the British rule.
- ❖ Post-independence, the United Provinces became an administrative unit in 1947 and the princely states of Tehri Garhwal and Rampur were merged into it by 1949.
- ❖ Finally, on January 24, 1950, the state was renamed Uttar Pradesh.
- ❖ But the Uttar Pradesh Day was first celebrated in 1989.
- ❖ In 2000, the hilly areas were carved out to create a new state, originally named Uttaranchal, later renamed Uttarakhand.

Himachal Pradesh Statehood Day 2025

- ❖ The Chief Commissioner's province of Himachal Pradesh came into being on 15th April, 1948.



- ❖ It became a part C state on 26th January, 1950 with the implementation of the Constitution of India.
- ❖ Himachal Pradesh became Union Territory on 1st November, 1956.
- ❖ On 18th December, 1970 the State of Himachal Pradesh Act was passed by the Parliament.
- ❖ On 25 January 1971, Indira Gandhi government gave full statehood to Himachal Pradesh.

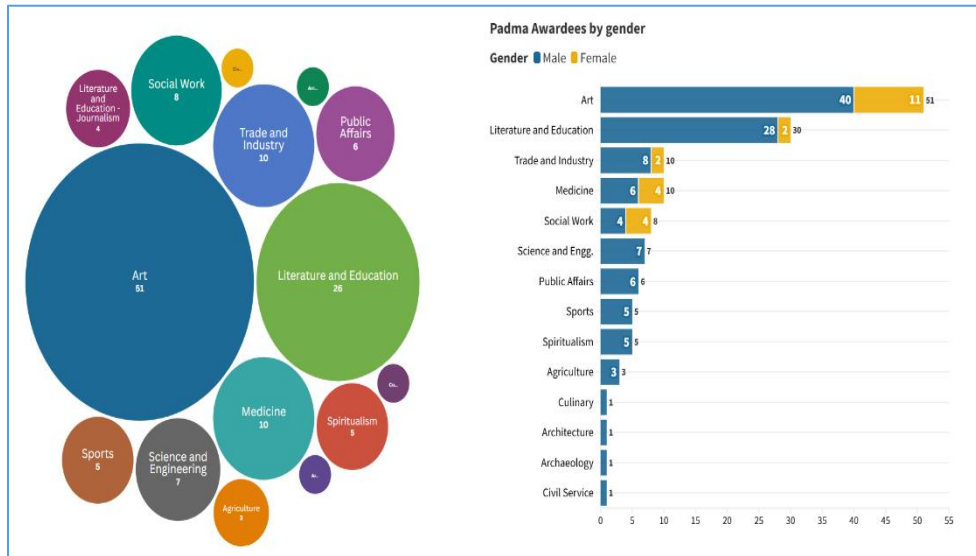


PERSONALITIES, AWARDS, AND EVENTS

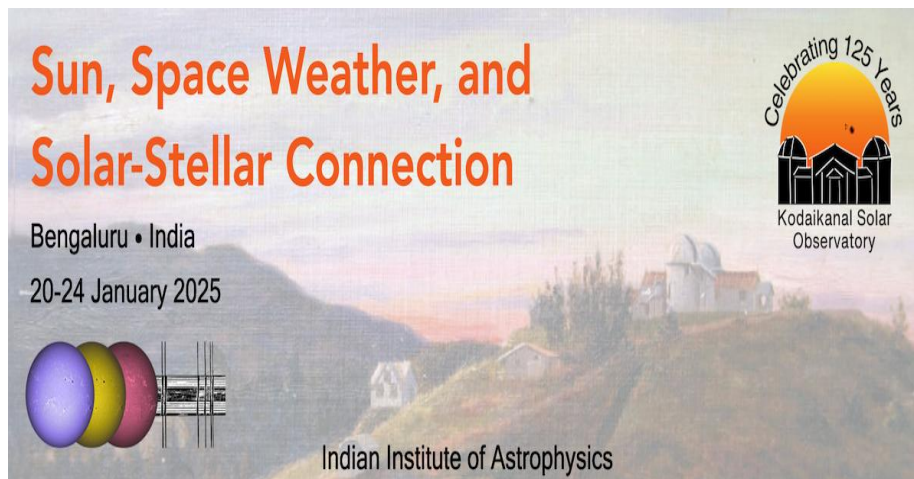
Padma Awards 2025

- ❖ Padma Awards - one of the highest civilian Awards of the country, are conferred in three categories, namely, Padma Vibhushan, Padma Bhushan and Padma Shri.
- ❖ The Awards are given in various disciplines / fields of activities, viz. - art, social work, public affairs, science and engineering, trade and industry, medicine, literature and education, sports, civil service, etc.
- ❖ Padma Vibhushan' is awarded for exceptional and distinguished service.
- ❖ Padma Bhushan' is for distinguished service of high order and 'Padma Shri' is for distinguished service in any field.
- ❖ The awards are announced on the occasion of Republic Day every year.

- ❖ For the year 2025, the President has approved conferment of 139 Padma Awards including 1 duo case (in a duo case, the Award is counted as one).
- ❖ The list comprises 7 Padma Vibhushan, 19 Padma Bhushan and 113 Padma Shri Awards.
- ❖ 23 of the awardees are women and the list also includes 10 persons from the category of Foreigners / NRI / PIO / OCI and 13 Posthumous awardees.
- ❖ In 2025, Thirteen persons from Tamil Nadu and one from Puducherry have been recognised with the Padma awards this year.



International solar conference 2025



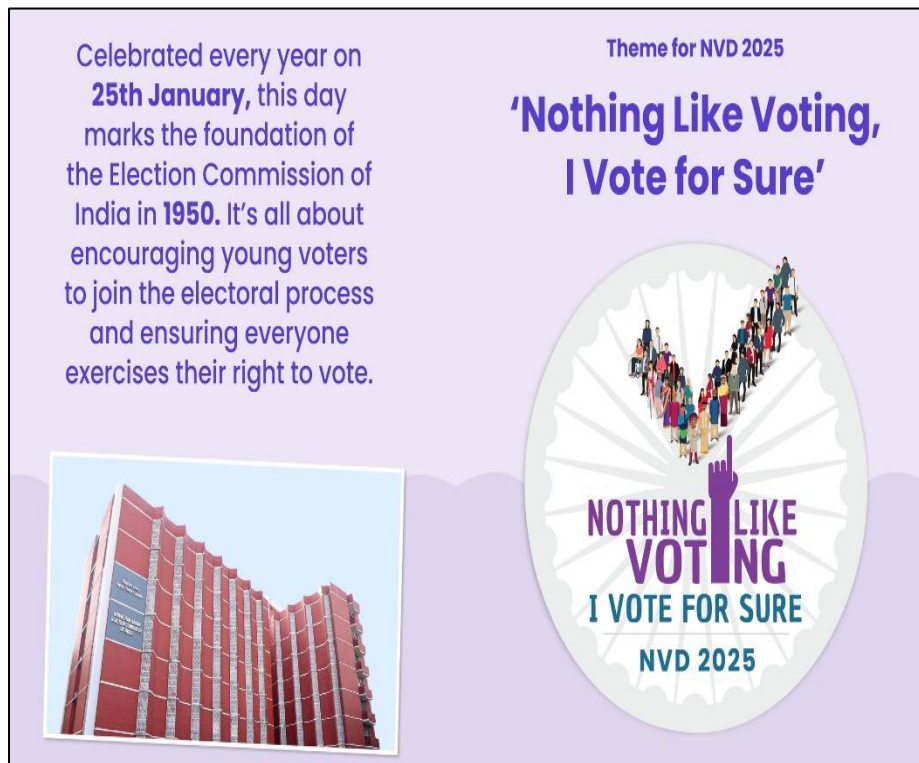
- ❖ The conference on 'Sun, Space Weather, and Solar-Stellar Connections' has been organised by the Indian Institute of Astrophysics (IIA) at Bengaluru.
- ❖ It aims to commemorate the 125th anniversary of Kodaikanal Solar Observatory.

- ❖ The Kodaikanal Solar Observatory (KSO) of the Indian Institute of Astrophysics, a cornerstone of Indian astronomy, was established in 1899.

IMPORTANT DAYS

National Voters Day 2025 - January 25

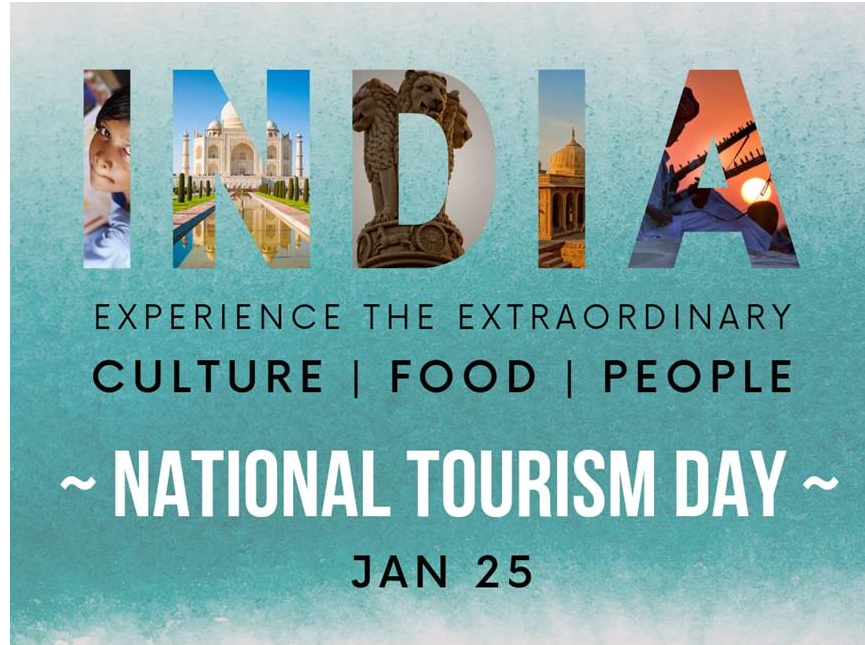
- ❖ This day commemorates the foundation day of the Election Commission of India in 1950.
- ❖ It aims to underline the centrality of the voter and raise the electoral awareness among citizens and inspire their active participation in the democratic process.
- ❖ Theme for 2025: “Nothing Like Voting, I Vote for Sure”.



National Tourism Day 2025 - January 25

- ❖ It aims to recognize India's natural beauty and raise the awareness about the importance of tourism for the Indian economy.
- ❖ The Government of India created a separate department of tourism in 1948 with the aim of preserving the national heritage.
- ❖ The theme for this year is “Tourism for Inclusive Growth”.

- ❖ The United Nations World Tourism Organization (UNWTO) celebrates the World Tourism Day on September 27.



Tamil language martyrs' day 2025 - January 25



- ❖ Tamil Nadu observed this day 'Tamil Mozhi Thiyagigal Naal' (Tamil language martyrs' day) from 2025.
- ❖ It commemorates who sacrificed their lives to protect the Tamil language in the struggle against Hindi imposition in 1939.
- ❖ In 1938, the introduction of Hindi as a compulsory subject in schools for classes 6, 7, and 8 in Tamil Nadu.
- ❖ It ignited a language movement that began on June 3, 1938.



- ❖ During the movement Thalamuthu from Thanjavur and Natarasan from Perambur were arrested and eventually passed away.

