

# VIJAYAKUMAR IAS ACADEMY

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## INDIA

### 1. BIMSTEC YOUTH SUMMIT

- India is hosting the 1st BIMSTEC (Bay of Bengal Initiative for Multi-Sectoral Technical and Economic Cooperation) Youth Summit in Gandhinagar, Gujarat
- Theme: 'Youth as a bridge for intra-BIMSTEC exchange'
- BIMSTEC:
- BIMSTEC (Bay of Bengal Initiative for Multi-Sectoral Technical and Economic Cooperation) is a regional multilateral organization that connects South Asia and Southeast Asia.
- Established through the Bangkok Declaration in 1997, it promotes economic and social progress in the region.
- Countries: Bangladesh-India-Sri Lanka-Thailand-Nepal-Bhutan-Myanmar

### 2. Bharat Cancer Genome Atlas:

- IIT Madras Launches First-of-Its-Kind Cancer Genome Database to Transform Cancer Research in India
- OBJECTIVE: provides knowledge on the genetic basis of cancer progression and evolution and may help the biomedical research

### 3. Karnataka has been announced as Naxal free state.

- Naxalism is a form of Left-Wing Extremism (LWE)
- AIM: To overthrow the state using violent means, inspired by Maoist ideology.
- BEGUN: Naxalbari village, West Bengal, in 1967 as a tribal-peasant uprising.

- Operation 'SAMADHAN' is the Ministry of Home Affairs (MHA)'s answer to the Naxal problem.

### 4. NATIONAL MANUSCRIPT MISSION - 2003

- Documenting, conserving and disseminating the knowledge preserved in manuscripts
- Under the Ministry of Tourism and Culture GYAN BHARATAM MISSION
- special mission for the survey, documentation and conservation of india's manuscript heritage
- OBJECTIVE: To undertake the survey, documentation and conservation of more than one crore manuscript heritage lying with academic institutions, museums, libraries and private collectors.

### 5. UNIFIED PENSION SCHEME:

- Maharashtra was the first state has given the nod to the central government's Unified Pension Scheme, starting April 1, 2025.
- This scheme integrates features of both the old and new pension systems, offering a guaranteed pension amount.

### 6. NATIONAL SKILL DEVELOPMENT CORPORATION

- National Skill Development Corporation's International Academy has been launched at Greater Noida, Uttar Pradesh.
- NSDC (National Skill Development Corporation) – 2008

## 7. Swavalambini

- Women Entrepreneurship Programme - in Assam, Meghalaya and Mizoram
- Under: Ministry of Skill Development and Entrepreneurship (MSDE), in collaboration with NITI Aayog

## 8. SMILE SCHEME (Support for Marginalized Individuals for Livelihood and Enterprise)

- Rehabilitation of persons engaged in the act of Begging
- under the ministry of social justice and empowerment
- recently Madhya Pradesh banned from offering alms in Bhopal
- GOAL-Beggar Free India – 2026

## 9. WAVES SUMMIT (World Audio Visual Entertainment Summit)

- First-ever global summit covering the entire gamut of Media and Entertainment industry in MUMBAI, Maharashtra

## 10. NATIONAL COMMISSION FOR SAFAI KARAMCHARIS-1994

- The National Commission for Safai Karam Charis has been extended for another three years.
- Chairman of National Commission for Safai Karam Charis – M. Venkatesan

## 11. NEW INCOME TAX BILL

- The New Income Tax Bill is expected to replace the old income tax act 1961

## 12 ATUL BHUJAL YOJANA

### objective

- To improve the management of groundwater resources in select water-stressed areas in identified states viz. Gujarat, Haryana, Karnataka, Madhya Pradesh, Maharashtra, Rajasthan, and Uttar Pradesh.
- Under the Ministry of Jal Sakthi started on 25.12.2019

## RELATED NEWS

### Pradhan Mantri Krishi Sinchayee Yojana:

- It was launched in 2015 to improve farm productivity and ensure better utilization of the resources in the country.
- OBJECTIVE: Improve On-farm water use efficiency to reduce the wastage of water
- Enhance the adoption of being precise in irrigation and other water-saving technologies (more crop per drop)

## CATCH THE RAIN

- the National Water Mission (NWM), Ministry of Jal Shakti in collaboration with Nehru Yuva Kendra Sangathan (NYKS), Ministry of Youth Affairs and Sports have launched the 'Catch the Rain' Awareness Generation Campaign.

## 13. South Coast Railway Zone

- south coast Railway zone has been created under the Andhra Pradesh

Reorganisation Act, 2014 with Visakhapatnam as its headquarters

#### 14. Nodi Bandhan scheme

- The Nodi Bandhan scheme has been introduced in the state of West Bengal to prevent natural disasters, river bank erosion, and create employment opportunities.

#### 15. Nilgai animal

- The Haryana government has given permission to kill the Nilgai animal that is destroying agricultural lands.
- The Bihar government has already announced this order.

#### Related News

- The Tamil Nadu government has issued an order to kill wild boars that are destroying agricultural lands.

#### 16. nPROUD' (New Programme for Removal of Unused Drugs)

- unused medicines will be collected from homes or facilities will be provided for their disposal at designated places
- it is being implemented for the first time in the Kozhikode Corporation and Ulliyeri Panchayat of Kozhikode district

#### 17. Anantha.

- Google's largest campus in Karnataka was built under the name Anantha.

#### 18. India's First Road train

- India's first road train launched in Nagpur

#### 19. All India Transgender Conference

- The first All India Transgender Conference was held in Ajmer, Rajasthan.

#### Related News

- World Transgender Day – March 21
- Tamil Nadu Transgender Day – April 15
- India's first Transgender Welfare Board set up in Tamil Nadu (15.04.2008)

#### 20. ELDERLY COMMISSION

- First state to be establish The Elderly Commission-KERALA
- Kerala is the state with the highest number of elderly people
- Senior Citizens Day – 21st August
- International Day of Older Persons – October 1.

#### 21. First India's maritime airport

- India's first maritime airport to be set up in Maharashtra (Vadhavan region)

#### 22. Uttar Pradesh Assembly becomes the first in the country with a translator facility

#### 23. Bathouism as official religion

- Bathouism Recognized as an Official Religion in Assam's BTR

#### (BODOLAND TERRITORIAL REGION)

- Bathouism is the traditional religion of the Bodos, Assam's largest plains tribe.
- Bathouism is deeply rooted in ancestral beliefs, though the Bodo community has experienced reform movements

#### 24. Haryana Witness Protection Scheme, 2025

- To ensure the protection of the witnesses as the state gears up to implement the three new criminal laws.

- scheme is specifically designed for witnesses involved in cases punishable by death, life imprisonment, or imprisonment of seven years or more.
- It also includes offenses under Protection of Children from Sexual Offences (POCSO) Act, 2012.

#### **25. Tribhuvan Sahkari University:**

- India's first national cooperative university, focused on education, training, and research in the cooperative sector.
- Declared an institution of national importance.
- Proposed at Institute of Rural Management Anand (IRMA), Gujarat.
- To develop skilled professionals for managerial, technical, and administrative roles in cooperative societies.
- To promote standardized cooperative education across India.

#### **26. Internet shutdowns**

- In 2024, 84 internet shutdowns took place in India to prevent cyber-crimes.
- Manipur has seen the highest number of internet shutdowns (21).
- Case of Website Freezing – Anuradha Bhasin Case 2019 (Anuradha Bhasin vs union of India)

#### **27. India's first hyper loop test track**

- IIT Madras develops India's first hyper loop test track

- TuTr Hyperloop, a deep-tech venture incubated at IIT Madras

#### **28. The Amrit Bharat Station Scheme**

- launched in February 2023 by the Ministry of Railways

##### **aim:**

- To upgrade and modernize a total of 1275 stations across the Indian Railway system.
- to redevelop 1309 stations nationwide.
- The redevelopment will provide modern passenger amenities along with ensuring well-designed traffic circulation, inter-modal integration, and signage for the guidance of passengers.

#### **29. KAVACH**

- Kavach was adopted by Ministry of Railways as the National ATP System in July 2020
- KAVACH is an Automatic Train Protection (ATP) system
- indigenously developed by Research Designs & Standards Organisation (RDSO) in collaboration with Medha Servo Drives, Kernex Microsystems and HBL Power Systems.
- Initially it was known by the name Train Collision Avoidance System (TCAS).



## **TAMILNADU**

### **1.TAMILNADU CLIMATE CHANGE SUMMIT 3.0**

- TAMILNADU CLIMATE CHANGE SUMMIT 3.0 HELD AT CHENNAI
- Tamil Nadu was the first state in the country to launch a dedicated climate change mission
- 'Eco Clubs' will be established in all schools across Tamil Nadu.
- TN GOVT launched Green Rating of Industries, Online Waste Exchange Bureau, and released an action plan for decarbonisation pathways in Rajapalayam.

### **2.Tamirabarani-Karumeniyar-Nambiyar interlinking project**

- The Tamirabarani-Karumeniyar-Nambiyar interlinking flood carrier channel was a dream project of the late M Karunanidhi, former chief minister.
- STARTED: 2009
- AIM: Diverting the flow of surplus water of Tamirabarani, the perennial river in Tirunelveli, to benefit drought areas

### **3. solar cell manufacturing cell**

- solar cell and module manufacturing plant of TP Solar, established at Gangaikondan SIPCOT industrial estate in the Tirunelveli district
- Capacity:4.3 gigawatt

### **4. AVASARAM 108- app**

- The Tamil Nadu government has launched an app called Avasaram 108 Tamilnadu' to monitor 108 ambulance vehicles.

### **5. contributory pension scheme:**

- Under the Contributory Pension Scheme, each employee has to contribute a certain amount and Government may contribute a certain amount.
- Launched: April 1 2003

### **6.World Tamil Diaspora Day - January 12**

- World Tamil Diaspora Day 2025 will be celebrated in Chennai with the theme Ethisaiyum Tamilanange.
- World Tamil Diaspora Day 2024
- Theme: Tamil vellum

### **7. LARGEST AVAIRY PARK**

- India's largest aviary park is opened at kambarsampettai, Trichy
- It is established under nammaku namme scheme
- Namakku Naame Thittam:
- Dr Kalaignar M. Karunanidhi during the Budget Speech 1997-98, announced the Namakku Naame Thittam (NNT) to encourage people's participation in the creation of public assets.
- The scheme aims to promote and strengthen the self-help and self-reliant attitude of the rural community.
- Individuals, groups, institutions, companies or the local community can choose work by accepting to contribute a minimum of one-third of the cost for the works under this scheme.

### **8.Chief Minister's Pharmacy Scheme**

- The Chief Minister's Pharmacy Scheme is launched on February 24, 2025.
- RELATED NEWS
- AMMA PHARMACY -2014

- People's Pharmacy 2008

### 9. **Drug-free Tamil Nadu app**

- Launched a mobile app 'Drug-free Tamil Nadu' to enable college students and the public to file complaints and grievances, and also provide information on trafficking

### 10. **BEST POLICE STATION**

- Muthupettai Police Station in Thiruvavur has been selected as the best police station in India.

### 11. **Higher education Enrolment ratio**

- Tamil Nadu leads the nation in education, boasting the highest GER across all levels.
- All India Survey on Higher Education (AISHE) report, the state's GER stands at a remarkable 51.3%, nearly double the national average of 26.3%.

### 12. **FEMALE ENROLLMENT RATIO**

- The enrolment rate in higher education in Tamil Nadu is 36% as against 48%.

### 13. **MUTHALVARIN KAKKUM KARANGAL THITTAM**

- The new scheme "Chief Minister's Protecting Hands" for the welfare of ex-servicemen, ex-servicemen will be provided with loans of up to one crore rupees through banks to start businesses. The businesses started through this scheme will receive a 30 percent capital subsidy on the loan amount and a 3 percent interest subsidy on the remaining loan amount.
- scheme was launched on 17.02.2025.

### 14. **Tidal Parks**

- New Tidal Parks are to be developed in Madurai and Trichy.
- TIDEL parks were first introduced in 2000 under former Chief Minister M. Karunanidhi.
- First TIDEL Park was established in Chennai

### 15. **VICE -CHAIRMAN OF SC/ST AFFAIRS**

- The writer Iyayam has been appointed as Vice-Chairman of the Tamil Nadu State commission for Adi Dravidian and Tribal Affairs.
- Chairperson-S. Tamilvanan
- Tenure- three years or till he attains 75 years of age, whichever was earlier

### 16. **APPA APP**

- TN Govt Launched the APPA App designed to bridge the communication gap between parents, teachers, and administration, thereby improving the overall educational experience.
- The Anaithu Palli Parent Teachers Association (APPA) App was developed by the Tamil Nadu Parent-Teacher Association.

### 17. **Chairman of the World Tamil Research Institute**

- Balakrishnan has been appointed as the Chairman of the World Tamil Research Institute.
- Mr. Balakrishnan book -Journey of a Civilization: Indus to Vaigai
- World Tamil Research Institute – 1970
- RECENT APPOINTMENTS

- Chief Economic Advisor of India– V. Anand Nageswaran

### 18. **Connecticut, USA**

- Tamil Nadu has signed an agreement with the Connecticut government on manufacturing & bioscience

### 19. **CISF Recruitment Training Centre**

- The CISF Recruitment Training Centre located at Arakkonam was named after Raja Aditha Chola.
- CISF (Central Industrial Security Force) – Date of Formation: 10.03.1969

### 20. **Kalankarai**

- The Tamil Nadu government has opened a drug rehabilitation and rehabilitation center called Kalankarai.
- RELATED NEWS
- Vizhuthugal – One Stop Centre
- objective: providing health-related rehabilitation services for persons with disabilities

### 21. **NANDIVARAM**

- The upgraded Primary Health Centre in Nandivaram became the first PHC in the State to start a dialysis centre.

### 22. **TAMILNADU POLICE COMMISSION**

- First police commission-Gopalasamy (1969)
- Second police commission-Sabanayagam (1989)
- Third police commission-poornalingam (2006)
- Fourth police commission-sheela Priya (2019)

- Fifth police commission -c.t Selvam (2022)

### 23. **Rani Ma Gaidinliu award**

- Mangalam Srinivasan, a noted expert in Rangoli and Thanjavur painting from Tiruchi, has been conferred with the Rani Ma Gaidinliu award

### 24. **Soliga tribes**

- a group of indigenous, forest-dwelling people found mostly in Tamil Nadu and Karnataka.
- The term "Soliga" literally translates to "children of bamboo"
- They reside in the peripheral forest areas near Biligiri Rangana Hills and Male Mahadeshwara Hills.
- Soligas was the first tribal community living inside a tiger reserve and getting their forest rights recognised by a court in a judgment in 2011.
- Language of Soliga Tribes: The Dravidian language sholaga is spoken by the Soliga. They also speak Kannada and Tamil.

## **INTERNATIONAL NEWS**

### **1. EBOLA**

- The World Health Organisation (WHO) has launched a first-ever vaccine trial in Uganda for Ebola from the Sudan species of the virus.
- CAUSE: group of viruses, known as orthoebolaviruses (formally ebolavirus)  
Transmission:
- It is thought that fruit bats of the Pteropodidae family are natural Ebola virus hosts.

- Ebola is introduced into the human population through close contact with the blood, secretions, organs, or other bodily fluids of infected animals such as fruit bats, chimpanzees, gorillas, monkeys, forest antelope, or porcupines found ill or dead or in the rainforest.
- Ebola then spreads through human-to-human transmission via direct contact with the body fluids of an infected sick or dead person.

## 2. CITY DIRIYAH

- SAUDI ARABIA IS BUILDING CITY DIRIYAH KNOWN AS "CITY OF EARTH CITY DIRIYAH"

## 3. 61ST MUNICH DEFENCE CONFERENCE

- 61ST MUNICH DEFENCE CONFERENCE TO BE HELD IN GERMANY

## 4. Rainbow Capital

- Hawaii City to be Called Rainbow Capital of the World

## 5. 8th Indian Ocean Conference

- The 8th Indian Ocean Conference was held in Muscat, the capital of Oman.

## 6. OPEC+

- Brazil recently joined OPEC+ as an observer.
- Angola has recently left.
- RELATED NEWS
- Organization of the Petroleum Exporting Countries (OPEC) is a permanent, intergovernmental organization, created at the Baghdad Conference in 1960, by Iran, Iraq, Kuwait, Saudi Arabia, and Venezuela.

- It aims to manage the supply of oil in an effort to set the price of oil in the world market
- Headquartered in Vienna, Austria

## 7. UN HUMAN RIGHTS COUNCIL

- The Human Rights Council is an inter-governmental body within the United Nations system responsible for strengthening the promotion and protection of human rights around the world.
- The Council was created by the United Nations General Assembly in 2006.
- It replaced the former United Nations Commission on Human Rights.
- The Office of the High Commissioner for Human Rights (OHCHR) serves as the Secretariat of the Human Rights Council. OHCHR is headquartered in Geneva, Switzerland.

## 8. GOLD CARD SCHEME

- The US has announced a new immigration scheme, the Gold Card, which offers wealthy foreign investors a fast track to US citizenship for a \$5 million (approximately Rs 43 crore) investment.

## 9. U.S. Citizenship

- In the words of Hannah Arendt, citizenship is the 'right to have rights'.
- The U.S. has practised the grant of citizenship based on the 'jus soli' principle.
- The 14th amendment to the U.S. Constitution, adopted in 1868, states that 'all persons born or naturalised in the United States, and subject to the

jurisdiction thereof, are citizens of the United States.

## **ECONOMICS**

### **1.REPO RATE:**

- The Reserve Bank of India's (RBI) six-member Monetary Policy Committee (MPC) cut the repo rate
- The rate at which the RBI lends to other banks — by 25 basis points to 6.25 per cent
- **WHAT IS MEAN BY REPO RATE?**
- The repo rate is the interest rate at which the RBI lends short-term funds to commercial banks against government securities.
- It serves as a primary tool for the RBI to regulate liquidity, control inflation, and influence overall economic activity.
- By adjusting the repo rate, RBI can either encourage banks to borrow more (by lowering the rate) or discourage borrowing (by raising the rate), thus influencing the money supply in the economy.

### **2.The Securities and Exchange Board of India (SEBI)-MITRA**

- new digital platform called Mutual Fund Investment Tracing and Retrieval Assistant to assist investors in tracking and reclaiming inactive or unclaimed mutual fund folios.

### **3.New Income Tax Regime**

- The upper limit for personal income tax exemption under the new income tax regime has been increased from Rs 7 lakh to Rs 12 lakh.

- The announcement was made by the Finance Minister in the Union Budget for the financial year 2025-26.

### **4.Income Tax Reforms Thiru Kural Quote**

- All earth looks up to heaven whence raindrops fall;
- All subjects look to king that ruleth all.
- Chapter: The Right Sceptre  
Explanation:
- When there is rain, the living creation thrives; and so when the king rules justly, his subjects thrive.

## **POLITY**

### **1. PRESIDENT RULE**

- President's rule was imposed in the state of Manipur recently.
- President's rule was imposed in Manipur for the 11th time
- RELATED NEWS
- President's rule was imposed for the first time in India in the state of Punjab in 1951 under the State Emergency Article 356.

### **2.HIGHEST NUMBER OF WOMEN MP'S**

- There are 74 women MPs in the 18th Lok Sabha.
- With 11 women MPs, West Bengal has the highest number of women MPs.
- Tamil Nadu has five women MPs.

### **RELATED NEWS**

- The Constitution (106th Amendment) Act, 2023, reserves one-third of all seats for women in Lok Sabha, State legislative assemblies, and the Legislative Assembly of the National

Capital Territory of Delhi, including those reserved for SCs and STs.

### 3. **Panchayat Decentralization Index.**

- According to a report released by the Union Ministry of Panchayat Raj, Karnataka, Kerala and Tamil Nadu have secured the top three positions respectively in the Panchayat Decentralization Index.

#### RELATED NEWS

- National Panchayat Day – April 24

### 4. **Chief Election Commissioner**

- Gyanesh Kumar and Vivek Joshi have been appointed as the Chief Election Commissioner of India.
- Date of establishment of the Election Commission – 25.01.1950
- Voters Day – January 25
- Related News
- Part XV of the Constitution entailing Articles 324 to 329.
- Composition: It currently consists of Chief Election Commissioner (CEC) and two Election Commissioners (EC).
- Tenure: 6 years or until 65 years of age, whichever is earlier
- If an EC becomes the CEC, combined tenure cannot exceed 6 years.
- Re-appointment is not allowed.

### 5. **Lokayukta Chairman**

- Rajamanickam has been appointed as the Lokayukta Chairman of Tamil Nadu.
- Related News
- The Lokpal and Lokayukta Act was brought in 2013.
- Tamil Nadu Lokayukta Act – 13.11.2018
- **Lokpal**

- Created to investigate allegations against central government employees.
- Lokpal Chairman – A.M.Khanwilkar
- **Lokayukta**
- Created to investigate allegations against state government employees

### 6. **Chandrayaan Se Chunao Tak' initiative**

- The ECI's initiative, combined with the collaborative efforts of the West Delhi administration, is already proving to be a success, attracting a steady stream of voters, all enthusiastic about this engaging and memorable voting experience.
- With the perfect blend of space exploration and civic engagement, the 'Chandrayaan Se Chunao Tak' initiative is not only boosting the spirit of democracy but also ensuring that more citizens come out to participate in shaping the future of Delhi.

### 7. **DELIMITATION COMMISSION**

- Article 82 and Article 170 of the Constitution empowers the Parliament to readjust the allocation of seats in the Lok Sabha and the Legislative Assemblies of States respectively, after every census.
- Accordingly, the Parliament enacts a Delimitation Commission Act and an independent high-powered panel known as the Delimitation Commission is constituted to carry out the exercise of delimitation.
- The Parliament has enacted the Delimitation Commission Acts in 1952, 1962, 1972 and 2002 for this purpose.
- There was no Delimitation Commission Act after the 1981 and 1991 census.



- The present delimitation of constituencies has been done on the basis of 2001 census data under the provisions of Delimitation Commission Act, 2002.
- The next Delimitation Commission will be set up after 2026.
- Further, Article 330 and Article 332 of the Constitution provide for re-fixing the number of seats reserved for Scheduled Castes (SCs) and Scheduled Tribes (STs) in the Lok Sabha and the Legislative Assemblies of the states, on the basis of the 2001 census.

## HISTORY & CULTURE

### 1. VARUN SAGAR

- Foy Sagar Lake in Ajmer, Rajasthan has been renamed as Varun Sagar

### 2. THEMES OF RUPEE NOTE

- The theme of Hampi's stone chariot (Stone chariot of Hampi) is on the reverse of the 50 rupees note.
- The motif on the back of the banknotes
  - 10 rupees – Sun Temple, Konark
  - 20 rupees – Ellora Cave
  - 200 rupees – Sanchi Stupa
  - 500 rupees – Red Fort
  - 2000 rupees – Mangalyaan

### 3. TAMIL Renaissance Day

- Last year, the Tamil Nadu government announced that February 19, the birth anniversary of U.V.S., would be celebrated as Renaissance Day every year.

Related News

- Period: 19.02.1855 – 28.04.1942
- Special Name: Tamil Datha, Ocean of Knowledge

- 1932– Doctorate (Chennai University)
- 1942 –Library (Chennai – Thiruvannamiyur)
- Postage stamp – 2006
- Biography – Encharitam (Ananda Vikatan Magazine)

### 4. The Indus Valley script.

- The Tamil Nadu Chief Minister has announced a prize of one million dollars for those who decipher the Indus Valley script.
- The Indus Valley Civilization was discovered by John Marshall in 1925

### 5. Marungur Excavation site

- A conch shell has been discovered in an excavation at Marungur.
- Related News
- Animal aram Porutha conch shell (Seevakasindamani 2441) – These lines reveal that in ancient times, small tools like aram were used to cut conch shells and make ornaments.

### 6. Vembakkottai excavation

- A fired clay bowl, Glass beads, shell bangles has been discovered during the 3rd phase of excavations at Vembakkottai in Virudhunagar district.
- Related News
- Large quantities of Neolithic tools and raw materials used to make the tools were also unearthed
- carnelian intaglio showing a humped bull was found at the Vembakkottai Archaeological excavation site.

### 7. statue of Thiruvalluvar

- Recently, a statue of Thiruvalluvar was installed in the Philippines.

- Related News
- The last week of December is to be celebrated as Kural Week.
- World's first Thiruvalluvar Cultural Centre – Singapore
- The Jaffna Cultural Centre in Jaffna has been named after Thiruvalluvar.

#### 8. Fort William renamed as Vijay Durg

- The latest step toward eliminating colonial practices and mindsets within the armed forces, Fort William in Kolkata, the headquarters of the Eastern Army Command, has been renamed Vijay Durg.
- Additionally, Kitchener House inside Fort William has been renamed Manekshaw House, and South gate, formerly known as St. George's Gate, is now Shivaji Gate.
- Fort William, named after King William III of England, was constructed by the British in 1781. The new name, Vijay Durg, is derived from the oldest fort along the Sindhudurg coast in Maharashtra and served as a naval base for the Marathas under Chhatrapati Shivaji

#### 9. Sree Narayana Dharma Paripalana (SNDP) Yogam

- The Aruvippuram Sree Narayana Guru Dharma Paripalana Yogam was established in 1903 under the Indian Companies Act
- Narayana Guru serving as its permanent chairman and Kumaran Asan serving as its general secretary.
- Sree Narayana Guru Swamy (1856–1928) founded it among the Ezhavas of Kerala

- Sree Narayana Guru:
- **Birth:**
- He was born on 22nd August 1856 in Chempazhanthy in Kerala.
- **Philosophy:**
- His core belief was expressed in the slogan "One Caste, One Religion, One God for All".
- He became a major proponent of Advaita Vedanta, the non-dualistic philosophy introduced by Adi Shankara.
- **Aruvippuram Movement (1888):**
- He installed a Shiva idol at Aravipuram, symbolizing resistance against social injustice, particularly the caste-based restrictions that barred lower castes from temple entry.
- He established Sivagiri Mutt in 1904.

#### Literary Works:

- Advaita Deepika
- Asrama
- Thevarappathinkangal
- **Death:**
- 20th September, 1928.

### ENVIRONMENT & GEOGRAPHY

#### 1. largest green ammonia plant

- India's largest green ammonia plant is located in Gopalpur, Odisha.

#### 2. India's first white tiger breeding centre

- The Central Zoo Authority (CZA) has approved India's first white tiger breeding centre in Madhya Pradesh's Rewa district

#### 3. solar energy capacity:

- India achieves milestone of 100 GW



- India aims to achieve 500 GW of non-fossil fuel-based energy capacity by 2030

#### 4. **POTASH RESERVES IN INDIA**

- large potash reserves are in Rajasthan
- Punjab emerged as second state with large reserve in potash

#### 5. **HIGHEST NUMBER OF BIRD SPECIES**

- West Bengal, Uttarakhand and Assam occupy the top three positions in the list of states with the highest number of bird species.

#### 6. **PEATLANDS**

- Peatlands hold more carbon than all the world's forests.
- Amrit Dharohar Scheme is a key initiative aimed at optimizing wetland utilization in India.

#### 7. **CBD COP16**

- Cali Fund' launched at CBD COP16 in Rome to boost biodiversity finance
- Cali Fund is seen as a key step towards meeting the Kunming-Montreal Global Biodiversity Framework (KMGBF) goal of stopping and reversing biodiversity loss by 2030.

#### 8. **COP 17**

- The UN Conference on Biological Diversity, COP-17, is set to be held in Yerevan, Armenia.

#### 9. **India's first wildlife bio-bank**

- India's first wildlife bio-bank at Padmaja Naidu Himalayan Zoological Park (Darjeeling Zoo)
- biobank (frozen zoo) preserves genetic material from animals for conservation and research.

Darjeeling Zoo:

- It is India's largest high-altitude zoo, specializing in captive breeding of

alpine species like snow leopards, Himalayan wolves, and red pandas.

#### 10. **Biomining**

- Bioleaching (or biomining) is a process in mining and biohydrometallurgy (natural processes of interactions between microbes and minerals)
- that extracts valuable metals from a low-grade ore with the help of microorganisms such as bacteria or archaea.
- Metals extracted from bioleaching include:
  - Gold
  - Copper
  - Silver
  - Cobalt
  - Uranium
  - Zinc
  - Nickel
- Some advantages of bioleaching include:
  - Fixation of sulphate toxins from mining without harming the environment.
  - Avoiding toxic sulphur dioxide emissions.

#### 11. **Mission for Cotton Productivity**

- the five-year mission will facilitate significant improvements in productivity and sustainability of cotton farming, and promote extra-long staple cotton varieties.
- the mission will benefit lakhs of cotton growing farmers as the best of science & technology support will be provided to farmers.
- Aligned with the Government's integrated 5F vision for the textile sector, the mission will help in increasing incomes of the farmers

as well as ensure a steady supply of quality cotton for rejuvenating India's traditional textile sector.

## 12. Second place in fish farming

- India is the second largest producer of fish and aquaculture in the world with exports
- Therefore, the Government will introduce sustainable fisheries infrastructure in Indian Exclusive Economic Zones like Andaman Nicobar and Lakshadweep

## 13. Fish to control mosquitoes

- Two fish species, viz., *Gambusia affinis* (mosquito fish) and *Bocilia reticulata* (Guppy) are released into water bodies in different states for mosquito control

## 14. India's second largest lagoon

- Pulicat, a small town in Tiruvallur district of Tamil Nadu, sits on the seaward side of the Sriharikota island, the key launch site for Indian rockets.
- Just 60 kilometres north of Chennai, the Pulicat Lake, India's second largest lagoon,
- In 2010, the Global Nature Fund declared it a "threatened lake".
- Yet, it has not been added to the Montreux Record a list of wetlands facing significant threats.

## 15. Tamil Nadu tops in Ramsar sites

- In Ramanathapuram, two new Ramsar Sanctuaries Chitrangudi and Kanchirankulam have been added.
- Tamil Nadu received its first Ramsar designation in 2002 for the Point Calimere Wildlife and Bird Sanctuary.

- In 2024, the Kazhuveli and Nanjarayan Bird Sanctuaries were also recognised.
- At present, there are 20 Ramsar sites in Tamil Nadu.

## SCIENCE & TECHNOLOGY

### 1. MiCHIBIKI 6 satellite

- The Japan Aerospace Exploration Agency, or JAXA, on Sunday successfully launched the fifth H-3 rocket carrying the Michibiki 6 satellite for the Japanese version of the U.S. Global Positioning System

### 2. EKVVERIN

- Joint Military Exercise Between India and Maldives named as ekuverin

### 3. Iskandar-1000 missile

- Developed by Russia
- advancement in ballistic missile technology

### 4. Chang'e-8 lunar mission

- Pakistan's space program, the Space and Upper Atmosphere Research Commission (SUPARCO) has partnered with China National Space Administration (CNSA) for the upcoming Chang'e-8 lunar mission, scheduled for launch in 2028

### 5. LYMPATIC FILARIASIS

- Target Year of goal for eradication of lymphatic filariasis-2027
- Lymphatic filariasis, commonly known as elephantiasis.
- Causes: Thread like worm called filarial parasites
- symptoms: swollen legs or hydrocele
- Transmission: Infected culex mosquitos

## 6. SHIV SHAKTHI POINT

- India has become the first country to land a spacecraft successfully on the moon's south pole.
- CHANDRAYAAN 3- LANDING SITE - SHIV SHAKTHI POINT
- CHANDRAYAAN- 2 LANDING SITE- TIRANGA POINT
- CHANDRAYAN -1 LANDING SITE- JAWAHAR POINT

## 7. MISSION PANDORA -EXOPLANET MISSION

- NASA's Space Research Centre is about to launch the Pandora program.
- Through this project, NASA will study the atmospheres of planets outside the solar system

## 8. Cyclone 2025

- joint military exercise held between India and Egypt army

## 9. IRIS SEMI CONDUCTOR

- ISRO and IIT Madras jointly develop indigenous semiconductor chip for space-based applications
- IRIS has been built on the SHAKTI processor baseline. This allows a wide deployment onto diverse domains from Internet of Things (IoT) to compute systems that are inbuilt in various strategic areas.
- SHAKTI
- flagship initiative to promote indigenous development of microprocessor-based products offering high-end security for users

10. Microsoft signed an agreement with Telangana for the development of AI and set up a company in Hyderabad.

## 11. Dharma Guardian exercise

- The 6th Dharma Guardian exercise is to be held between India and Japan

## 12. EUROPEAN SPACE AGENCY

- The European Space Agency has granted permission for John McFaul, a disabled man, to travel to the International Space Station.

## 13. South China Sea

- China to build deep-sea space station in South China Sea.
- China's space station - Tiangong

## 14. Quantum chip

- Majorana 1-MICROSOFT Quantum chip
- Willow – Google's quantum chip
- Osprey, Eakin – IBM Quantum Chip

## 15. JAVELIN

- Javelin is a highly advanced American-made anti-tank guided missile system
- it can defeat heavily armoured vehicles such as main battle tanks and lighter-skinned military vehicles

## 16. HKU5-COV2

- It related to the coronavirus family that causes Middle East respiratory syndrome.
- Referred to as "Batwoman"
- can spread to humans in two ways:
- Direct transmission from bats: If people come into contact with infected bats or their bodily fluids (like saliva, urine, or feces), they could get infected
- Through an intermediate host: The virus might first infect another animal (like a mammal) before jumping to humans, similar to how some past coronaviruses spread.

## 17. Guillain-Barre Syndrome (GBS)

- It is an auto immune neurological disorder in which a person's immune system attacks their peripheral nerves,

leading to muscle weakness that can progress to paralysis

- Causes - The causes of GBS are still not fully understood- in most cases, it occurs after a viral or bacterial infection.
- Treatment - There is no known cure for GBS. Treatment includes supportive care and some immunological therapies

#### 18. **MeerKAT telescope**

- South Africa's MeerKAT telescope has discovered a new giant radio galaxy, nicknamed 'Inkathazo,'

#### 19. **GENCAST**

- Google DeepMind has introduced a groundbreaking artificial intelligence (AI) model called 'GenCast' that is capable of providing highly accurate weather forecasts

#### 20. **AERO INDIA 2025**

- Aero India, Asia's Largest Air Show, is a biennial air show and aviation exhibition which is held in Bengaluru, organized by the Defence Exhibition Organisation, Department of Defence Production, Ministry of Defence.
- It is a flagship event that brings together global Leaders, government officials, technology experts, and defence strategists under one roof.
- The event not only showcases thenation's technological prowess and innovations butalso providesa dynamic Platform for international cooperation and strategic dialogue.
- THEME: 'The Runway to a Billion Opportunities'.

#### 21. **PUNCH (Polarimeter to Unify the Corona and Heliosphere)**

- STARTED BY: NASA
- mission: the first to image the Sun's corona, or outer atmosphere, and solar wind together to better understand the Sun, solar wind, and Earth as a single connected system.

#### 22. **qxr, genki**

- AI Tools Developed for TB Screening by Deeptek

#### 23. **AMRSense-IIT DELHI**

- AI-driven tool, AMRSense, developed by IIT DELHI
- To generate accurate and early insights on antimicrobial resistance at the global level, national level and hospital level

#### 24. **BLACK PLASTIC**

- Black plastic is often made from recycled electronicwaste such as computers, TVs, and appliances.
- Benzopyrene is a potent polycyclic aromatic hydrocarbon (PAH) linked to stomach, liver and colon cancers

#### 25. **Selenium**

- Selenium is a metalloid, meaning it has properties of both metals and non-metals, and is largely classified as a mineral essential for various bodily functions.
- However, both excessive consumption and deficiency can be harmful to body.

## SPORTS

1. Odisha Warriors wins first-ever Women's Hockey India League title
2. Bengal Tigers beat Hyderabad Toofans to become mens Hockey India League champions
3. Shikhar Dhawan Named Ambassador for ICC Champions Trophy 2025
4. Pankaj Advani wins 36th National Gold at Indian Snooker Championship
5. Bangladesh's Shohely Akhter has become the first woman cricketer to be banned by the International Cricket Council (ICC) on corruption charges.
6. Manu Bhaker has been awarded the BBC Indian Sportswoman of the Year 2024 award
7. Tata Steel Masters Chess Tournament
  - India's R Praggnanandhaa won the Tata Steel Masters Chess Championship held in Netherlands.
8. WOMENS T20 World Cup
  - The Indian team that won the Under-19 Women's T20 World Cup held in Malaysia.

## AWARDS/INDEX

### 1. HENLEY PASSPORT INDEX

- INDIAS RANKS AT 80TH IN 2025
- Number of destinations their holders can travel to without a visa
- PUBLISHED: HENLY & PARTNERS

### 2. Corruption Perceptions Index 2024

- Denmark, Finland and Singapore have taken the top three spots respectively in the Corruption Perceptions Index 2024.
- India is ranked 96th.

### 3. Logistics Performance Index 2023

- Singapore, Finland, and Germany occupy the top three spots,

respectively, in the Logistics Performance Index 2023

- INDIA RANKED 38TH PLACE

### 4. Living Craft Treasure Award

- Living Craft Treasure Award for the best artisans above 65 years of age who have dedicated their lives to the craft industry in Tamil Nadu
- Poompuhar State Award
- "Poompuhar State Award" is presented to recognize the contribution, development and creations of the best craftsmen of Tamil Nadu in the handicraft industry.

### 6. Grammy Award

- Chennai-based American singer and businesswoman Chandrika Krishnamurthy Tandon has won her second Grammy Award for her album 'Triveni'.

### 7. Silver Elephant Statue Award

- School Education Minister Anbil Mahesh Poyyamozhi has been awarded the Silver Elephant Statue Award for his outstanding work in the Bharat Scouts and Guides Movement.
- The award will be presented by President Droupadi Murmu.

### 8. Board of Control for Cricket in India (BCCI) Awards

- Polly Umrigar Award
- Indian star pacer Jasprit Bumrah was awarded the Polly Umrigar Award for the best international cricketer of the year 2023-24.
- Other awards
- Women's vice-captain Smriti Mandhana was adjudged the best international women's player.

- Veteran spinner Ashwin Ravichandran was given a special award.
- Deepti Sharma, the highest wicket-taker in ODIs, received the award for taking 24 wickets.
- Dhanushkoti received the award for his excellent performance in local competitions.
- The best team award was given to Mumbai Cricket Association.

## IMPORTANT DAYS

### 1. World Wetlands Day

- The Convention for the Conservation of Wetlands of Global Importance was signed on 2 February 1971 at Ramsar, Iran.
- February 2 has been declared as World Wetlands Day by the United Nations.
- Theme:
- The theme for this year's World Mangrove Day is "Save the mangroves for our common future"

### 2. World Cancer Day

- February 4
- Theme: "United by Unique"
- Types of Cancer
- Carcinoma
- Cancer of the tissues of the body called epithelium
- Sarcoma
- Cancer of connective cells or companion cells such as bone, muscle etc.
- Leukemia
- Peripheral disease arising from bone marrow cells
- Lymphoma and myeloma

- Cancer originating from immune system cells
- Astrocytoma, glioma
- Cancer of the nervous system

### 3. National Deworming Day

- observed twice a year on February 10 and August 10
- Theme: "Eliminate STH (Soil-transmitted helminths) Invest in a healthier future for children".

### 4. UNANI DAY was celebrated on February 11

### 5. SAFER INTERNET DAY was observed on February 11

- Theme: "Together for a Better Internet."

### 6. NATIONAL PRODUCTIVITY DAY

- NATIONAL PRODUCTIVITY DAY was observed annually on February 12
- Theme: From Ideas to Impact: Protecting Intellectual Property for Competitive Start-ups

### 7. WORLD RADIO DAY was celebrated on February 13

- THEME: RADIO AND CLIMATE CHANGE

### 8. NATIONAL WOMEN'S DAY was celebrated on February 13

### 9. World Day Social Justice-February 20

### 10. Arunachal Pradesh and Mizoram Statehood Day is celebrated on 20 February.

### 11. International Mother Language

- Day -February 21

### 12. National Science Day-February 28

"THEME: Empowering Indian Youth for Global Leadership in Science & Innovation for VIKSIT BHARAT,



## **BOOKS&FESTIVALS**

### **1.International Booker Prize 2025**

- Heart Lamp- Banu Mushtaq

### **2.FESTIVALS IN ASSAM**

- 1.Majli
2. Bihu
3. Ambubachi Mela
4. Simolu festival

### **3.FOOD TECH ZOMATO HAS CHANGED ITS NAME TO ETERNAL**