



Current Affairs

for

TNPSC

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Tamil Nadu

❖ Birth Anniversary of Rajendra Chola I

- Tamil Nadu Chief Minister M K Stalin has announced that the birth anniversary of Rajendra Chola I will be celebrated as a state festival in Tamilnadu.

❖ Search for doctor APP

- For the first time in India, the Tamil Nadu Medical Council has launched an App called '**Search for Doctor App**' for the public to find a doctor in their area.

❖ For the first time in South India, 'Rotaract Club' for transgenders launched in Coimbatore

- To improve the lives of transgenders, the 'Rotaract Club of Transman' club for transgenders was launched in Coimbatore for the first time in South India in collaboration with 'Rotary Club of Coimbatore Downtown'.
- Transgender Dhanshika was elected as president of the 'Rotaract Club of Transman' club.
- The first club in the country was started in Odisha. The 'Rotaract Club of Transman' has been launched in Coimbatore as the second at the national level and first at the South Indian level.

❖ Country's first 'Coconut Centre of Greatness' set up near Udumalpet

- **The** country's first coconut center of excellence has been set up at a demonstration and seed production farm owned by the Coconut Development Board, Government of India, Tirupur district at Thirumoorthy hills near Udumalpet.

❖ 'One Station, One Material Project': Kanchi Silk tops the list

- A station that sells local goods at railway stations, Kanchi Pattu ranks first among the best-selling goods among railway stations in India under the **One Commodity Scheme**.

❖ Cholera emergency declared for over 1000 people in Karaikal

- A public health emergency has been declared across Karaikal district of Puducherry in the wake of cholera infection in more than 1,000 people.

❖ Semiconductor Hi-Tech Park in Tamil Nadu at a cost of Rs 25,600 crore

- Singapore-headquartered IGSS Ventures Private Limited (IGSS Ventures - IGSSV), spread over an area of 300 acres in Tamil Nadu. The MoU was signed for setting up a semiconductor hi-tech park at an estimated cost of Rs 25,600 crore.
- On behalf of the Government of Tamil Nadu, IGSS is also contributing to the guidance institute. It has been reported that a hi-tech park will be set up between ventures.
- The IGSSV project is going to set up a semiconductor technology park project named **Surya**.

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❖ 14 Mobile Forensic Science Laboratory Vehicles for Tamil Nadu Forensic Science Department

- On July 1, 2022, Chief Minister M K Stalin flagged off 14 mobile forensic science laboratory vehicles specially developed at a cost of Rs 3,32,70,000 for the use of the Tamil Nadu Forensic Science Department at the Secretariat.

❖ TB-free Tamil Nadu Phase-II Projects

- On July 1, 2022, Chief Minister M.K. Stalin inaugurated the second phase of the Tamil Nadu government's 'TB-free Tamil Nadu - 2025' target at Nochikuppam in Chennai.
- As per the TB-free Tamil Nadu-2025 target, the TB rate should be reduced from 217 TB cases per 100,000 population in 2015 by 2025.
- As a part of this, 14 mobile X-ray vehicles have been provided in the first phase to detect the presence of TB in the residents of TB-affected areas.
- At present, in the second phase, 23 districts will get Rs 46 lakh each. A total of 23 mobile vehicles with digital X-ray devices have been provided at a cost of Rs 10.65 crore.

❖ Ease of Doing Business Initiative Tamil Nadu ranks 3rd

- Tamil Nadu has moved up to the 3rd position as the best achiever in India due to ease of doing business initiatives.
- Tamil Nadu, which comprises 31 states and Union Territories, has secured the third position with a score of 96.97 per cent.
- Tamil Nadu, which was ranked 18th in 2016-17 and 14th in 2019, has improved considerably and is now ranked 3rd.

❖ "First Address of Investors - Tamil Nadu" Conference

- On July 4, 2022, an investors' conference titled "First Address of Investors - Tamil Nadu" was held in Chennai under the chairmanship of Tamil Nadu Chief Minister M.K. Stalin.
- Chief Minister M K Stalin, who inaugurated commercial production for 12 projects with an investment of Rs 1,25,244 crore to create employment for 7,050 persons at the "**First Address of Investors - Tamil Nadu**" conclave, laid the foundation stone for 21 projects with an investment of Rs 22,252 crore to create employment opportunities for 17,654 persons.
- The Government of Tamil Nadu is taking various steps to attract investments to make Tamil Nadu a USD trillion economy by the financial year 2030-31, the target set by the Chief Minister of Tamil Nadu.
- At the conference, Chief Minister M K Stalin released the Tamil Nadu Life Science Policy and the Tamil Nadu Research and Development Policy.

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❖ Tamil Nadu ranks 9th in implementation of National Food Security Act

- Tamil Nadu has been ranked 9th among the states with the best implementation of the National Food Security Act this year.
- Odisha tops the list, Followed by Uttar Pradesh in the second place and Andhra Pradesh in the third place.

❖ IIT-Madras's Gopalakrishnan-Deshpande Centre wins international award

- The Gopalakrishnan-Deshpande Centre for Innovation and Entrepreneurship, Indian Institute of Technology- Chennai, has won the International Award for 'Best Practice in Technology Commercialization'. The award was presented at the 11th Annual Deshpande Symposium held in Cleveland, Ohio, USA.
- IIT-Madras's Gopalakrishnan-Deshpande Centre has excelled in catering to the start-up life cycle from conception to ramping up production and meeting its national expectations, the award committee announced.

❖ IIT-Madras tops national higher education rankings list

- Union Minister Dharmendra Pradhan released the national-level ranking list of Indian institutions of higher education (NIRF-National Institutional Ranking Framework (NIRF) for the year 2022. IIT-Madras has topped the list of overall educational institutions.
- IIT Madras has topped the overall category and engineering stream for the fourth year in a row.
- The Indian Institute of Science, Bengaluru tops the list of universities.

❖ Chennai Medical College ranked 12th in national ranking list

- Chennai Medical College has been ranked 12th in the ranking list for colleges. It has also topped the medical colleges run by the state government.
- The Madras Medical School was established on February 13, 1835, for the first time in South India.
- On October 1, 1850, the Madras Medical School was converted into Madras Medical College.

❖ Tamil Nadu Government Literary Mamani Award - 2021

- Sahitya Mamani Award for the year 2021 writers It was given to Chinnappa Bharathi, Konangi and Pulavar R. Kaliyaperumal.
- Moreover, the Tamil Thendral for the year 2021 Thiru.V.K. The awardee, Shri. Kayal (Co) Dinakaran, Kapilar Awardee Pavalar Karumalai Thamizhazhan (A) K. Narendran. U.V.S.A. Awardee Dr. R. Kalaikovan, Amma Literary Award recipient Dr. M. Sargunavathi Karaikal Ammaiyar Awardee Dr. R. The Tamil Nadu Chief Minister congratulated Thilakavathi Shanmugasundaram.

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❖ Pappankuzhi: Tamil Nadu village becomes 100% self-sufficient in wastewater management

- According to the Ministry of Jal Shakti, Pappankuzhi, a village in Tamil Nadu, is 100 per cent self-sufficient in waste water management.
- The Pappankuzhi Grama Panchayat in Sriperumbudur Block of Kancheepuram District of Tamil Nadu has successfully implemented the Wastewater Management Project due to the concerted efforts of community members and government officials. The Swachh Bharat Mission is an integral part of phase-II of the rural programme.
- Under the scheme, house-wise and community-wise sewage tanks are set up and the sewage first filtered is then treated. Through this, 42,000 litres of sewage is treated daily in the village. 70 per cent of the 60,000 litres of water used daily in Pappankuzhi village is discharged as waste water from the bathroom by dishwashing, washing clothes and sewage from the bathroom.

❖ "Our Residence (Namma Adukkam)" app launched

- Minister T.M. Anbarasan launched a new app called Namma Adukkam to facilitate easy payment of instalments to the Tamil Nadu Urban Habitat Development Board.

❖ Tamil Nadu ranks 2nd in India for rescue of child laborer's

- Tamil Nadu ranks second among the states with the highest number of child labor recoveries in India in 2021-22. A total of 13,271 child laborers were rescued in India in 2021-22, of which 4,867 were rescued in Punjab and 2,586 in Tamil Nadu.



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❖ 'Save Us - 48' project: Madurai Government Hospital tops the list

- Minister MA Subramaniam has lauded the Madurai Government Hospital for being the topper in Tamil Nadu in the 'Nammai Kakkum-48' medical programme which will save the lives of those injured in accidents.
- In 38 districts of Tamil Nadu, the Government Hospital in Madurai has been at the top of the 'Nammai Kakkum-48' scheme since its inception.
- Through this scheme, Tamil Nadu has become a guiding light for India in the health sector.
- On December 18, 2022, Stalin launched the 'Save Lives, Save Us 48' programme at Melmaruvathur Hospital.
- In case of an accident on the Tamil Nadu border, more than 680 government and private hospitals are immediately admitted for treatment and their lives are saved by providing treatment up to Rs 1 lakh in the first 48 hours of admission.
- On December 21, 2022, a bone bank was opened at the Government Rajaji Hospital in Madurai at a cost of Rs 40 lakh. This is the first time that a bone bank has been set up in government hospitals in Tamil Nadu. At present, the use of a bone bank in hospitals is in great demand.

❖ Grama Sabha meeting expenditure limit hiked - Government order issued

- Gram Sabha meetings were held in all the panchayats only on the four days of Republic Day, Labor Day, Independence Day and Gandhi Jayanti every year.
- In addition, Gram Sabha meetings will be held on March 22, world water day, and November 1, the local body day the chief minister announced.
- Accordingly, a government order was issued to hold a Grama Sabha meeting for six days from this year.
- In this context, the Government of Tamil Nadu have issued orders increasing the expenditure limit for grama sabha meetings from Rs.1,000 to Rs.5,000.

❖ Tamil Nadu Government's Dream Home Scheme

- National awards such as Jnanpith, Sahitya Akademi, State Literary Award, reputed global organization awardees will be given a house by the Government of Tamil Nadu in the district where they reside or want to encourage them.
- The Chief Minister of Tamil Nadu announced this scheme on the occasion of Kalaignar's 97th birth anniversary (03.06.2021).
- Users

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1. N. Jagadeesan (Erode Thamizhanban) – Sahitya Akademi Award in 2004 ("Vanakkam Valluvar" poetry book)
2. Poet Puviarasu (A) Jeganathan – Sahitya Akademi Award in 2009 ("Signature" poetry)
3. Poomani (a) Flower. Manickavasagam – Sahitya Akademi Award for the year 2014 ("Agnyaadi" novel)
4. Mr. Imayam (a) v. Annamalai – Sahitya Akademi Award for the year 2020 ("Chellatha Paanam")

❖ Free Bicycle Scheme for Government School Students

- On July 25, 2022, Chief Minister M K Stalin launched the scheme of providing free bicycles to students studying in classes 11 and 12 in government and government-aided schools at the Government Boys School, Nungambakkam, Chennai Corporation.
- In 2001-2002, former Tamil Nadu Chief Minister late J Jayalalithaa had launched a scheme to provide free bicycles to all girl students belonging to Scheduled Caste and Scheduled Tribe communities studying in higher secondary schools in the state.
- Subsequently, from the year 2005-2006 onwards, the Government of Tamil Nadu expanded the scheme of providing bicycles free of cost to all categories of students studying in Plus 1 in Government and Government aided schools and students studying in ITIs.

❖ Change of name of Information Technology Department, Government of Tamil Nadu

- The Department of Information Technology has been renamed as "Department of Information Technology and Digital Services" to strengthen the growth of INFORMATION TECHNOLOGY, IT-enabled services and digital technology services.
- Similarly, the Department of Information Technology and Digital Services has launched the 'GrowIn 4.0' website.

❖ 45-feet-high sculptural pillar opened in Mamallapuram

- On the occasion of the 44th International Chess Olympiad, Chief Minister M.K. Stalin on July 27, 2022, inaugurated a 45-feet-tall sculpture pillar at the ECR entrance gate in Mamallapuram.
- For the benefit of the artisans engaged in handicrafts in Mamallapuram, a scheme called "Craft Tourism Village" is being implemented with the financial assistance of the State and Union Governments. As part of this, a beautiful "sculptural pillar" has been erected at the entrance of Mamallapuram at a height of 45 feet.
- The pillar is designed to attract local and foreign tourists visiting Mamallapuram with the images of the artistic Pallava period lion, Yaazhi, Togai-spreading peacocks, herds of elephants, etc.

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❖ Google launches 'Street View' in Chennai

- Google has launched the long-awaited 'Street View' feature in the Google Maps process.
- In India, cities including Chennai, Bengaluru, Delhi, Mumbai, Hyderabad, Pune, Nashik, Vadodara, Ahmednagar and Amritsar have been featured in the Street View feature.
- Around 1.5 lakh kilometers in these cities can be viewed as photos through the 'Street View' feature.

❖ Sembiyan Mahadevi's metal statue discovered in US

- A 1,000-year-old metal statue of Chola empress Sembiyan Mahadevi, smuggled from Tamil Nadu, has been found in a museum in the US.
- Sembiyan Mahadevi was the ancestor of Rajaraja Chola who was a powerful queen in the Chola empire.
- It was during his time that brick temples were converted into granite temples. After the death of Sembiyan Mahadevi, who devoted herself to temple work, a metal statue of Sembiyan Mahadevi was erected at the Kailasanathar temple in Sembiyan Mahadevi village in Nagapattinam district.

❖ Human bones discovered in Adichanallur excavation

- The ongoing excavation work at Adichanallur has unearthed all the bones of a man, including the head, jaw, tooth, arm, leg and back bones, in the 3200-year-old old urn of two old men.
- It is to be noted that the teeth taken from it have been sent to Madurai Kamaraj University for DNA analysis.
- Coins of Sangam age and Sangam age and gold earrings were found at a depth of 30 cm.
- A wall built of limestone and brick has now been found near the site where the ground floor made of lime was discovered during the British rule.

❖ 4000-year-old iron smelter near Srivilliputhur

- Ramanathapuram Archaeological Survey of India (ASI) has found traces of a 4,000-year-old iron and steel furnace at Venkateswarapuram village near Srivilliputhur in Virudhunagar district.

❖ Two Stone Age tools found in Vembakkottai excavation

- During the excavations at Vijayakaraisalkulam on the northern bank of Vembakkottai Vaippar river since March, various kinds of objects such as dice, pearls, terracotta toys, ivory ornaments, terracotta cups, smokers, diya, stone walls, bull figures with arrogance, female sculptures, etc., were found.
- An axe made of stone has been found in the excavation at pit number 10. One of the two axes is half broken and the other is fully found, which was used by the ancient people for cutting down trees and

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hunting, through which historians say that Tamil society had developed civilization thousands of years ago.

❖ A bull with a whale made of hot earth found in Vembakottai

- An ongoing excavation at Vembakkottai has found a bull with a whale made of hot soil.

❖ For the first time in Tamil Nadu, an inscription related to Jews has been found.

- For the first time in Tamil Nadu, the Ramanathapuram Archaeological Survey of India (ASI) has unearthed a 13th century Tamil inscription representing the Jewish Suthapalli at Valantharavai near Ramanathapuram.

➤ Inscription information:

1. In this inscription, which begins as Swastisri, when the boundary of the land (owned land) donated to the five hundred and a half-year-old school of the Suta palli is mentioned, the schools, lands and gardens there are mentioned.
2. On the eastern border, there is a way of valachcheri and acceleration. On the southern border are mentioned the gardens of ThirumuthuCholasilai Chettiar, Pathinenbhoomi Seiyapalan and Koothan Devanar, and on the western border are mentioned the four natani sonachandi, Sri Cholapperuntheru, Tharisapalli Mathili, Pizhar palli and Tharisapalli Thenmathil.
3. The word Nallu Natani is the Tamil version of Nanadesi. There were places and gardens owned by the merchant groups of Five Hundred, Pathinenbhoomi and Nanadesi.

➤ Sudapalli:

1. It is mentioned in the inscription that there were schools like Sudapalli, Darisapalli and Pizharpalli in Periyapattinam. Apart from the Saiva and Vaishnava temples, other religious places of worship are called schools.

India

❖ Clean Seas, Safe Seas Campaign

- On September 17, 2022, the Central Government, in collaboration with voluntary organizations and the local community, will undertake a cleanliness drive called "Clean Sea, Safe Sea" across the coastal belt of India.

❖ PM inaugurates All India Education Association in Varanasi

- On July 6, 2022, PM Modi inaugurated the Akhil Bharatiya Shiksha Samagam on implementation of National Education Policy in Varanasi.

❖ India's first carbon balancing airport - Ladakh

- Ladakh Airport (Leh Airport) is being set up as India's first carbon-neutral airport.

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❖ 100% Private Land Ownership Port - Jawaharlal Nehru Port

- Jawaharlal Nehru Port in Mumbai has become the first major port in the country (100% Landlord Major Port of India) with 100% private land ownership.
- Jawaharlal Nehru Port, one of the leading container ports in the country, ranks 26th among the top 100 ports globally.

❖ Kerala is the first state in the country to have its own internet service.

- For the first time in the country, Kerala has become the only state in the country to have its own separate internet service. Efforts are being made to provide internet connectivity to all in the State through the Kerala Fiber Optic Network Limited (KFON) of the State Government.
- "Kerala has emerged as the only state in the country to have its own internet service. By launching its service, people can be given internet access as a fundamental right," Vijayan said.

❖ PM unveils bronze national emblem in new Parliament

- On July 11, 2022, in New Delhi, PM Modi unveiled a gigantic national emblem made of bronze on the surface of the new Parliament building.
- India's national emblem, the four-faced lion, has been installed on the surface of the new Parliament. Steel pillars weighing 6,500 kg have been erected on all four sides to support the national emblem, which is 6.5 meters high and weighs 9,500 kg, made in bronze.

❖ Burhanpur is the first district in the country to get the 'Har Ghar Jal' certificate.

- Burhanpur, also known as the 'Darwaza of Dakin' in Madhya Pradesh, is the first 'Har Ghar Jal' ('Har Ghar Jal') district in the country to be certified with water to every household.
- In the district, Burhanpur is the only district in the country where people in 254 villages have declared their villages as 'Har Ghar Jal' and through a resolution passed in Gram Sabhas, ensured that all the people in the villages have access to safe drinking water through pipes.

❖ Plan to popularize grains grown in Asia, Africa

- On July 17, 2022, NITI Aayog and the World Food Programme launched initiatives to popularize cereals grown in Asia and Africa.

❖ India sets record for '200 crore' COVID-19 vaccines

- On July 17, 2022, in a historic record, India's overall COVID-19 vaccination drive has crossed the milestone of 200 crore today. As of 1 pm today, a total of 2,00,00,15,631 doses have been administered across the country. This has been achieved through 2,63,26,111 sessions.
- On January 16, India's nationwide COVID-19 vaccination drive was launched by the Prime Minister.

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- It took nearly 9 months to reach 100 crore vaccines since its inception and another 9 months to reach 200 crore, with the highest single-day vaccination record.
- A maximum of 2.5 crore doses were administered on September 17, 2021.
- On July 15, 2022, the Central government launched the 75-day-long 'Covid Vaccine Amrit Festival' to provide free precautionary dose (booster) to all eligible adult population at government Covid vaccination centers.

❖ e-Amrit Mobile App

- The e-AMRIT mobile app is an updated version of e-Amrit, an internet portal for electric vehicles. This website provides information about the acceptance of electric vehicles, their purchases, investment opportunities, policies and subsidies, etc.

❖ India's largest floating solar power plant

- The National Thermal Power Corporation Limited (NTPC) has announced that commercial production of the 20 MW unit, the last part of the 100 MW floating solar power plant set up at Ramagundam in Peddapalli district of Telangana, has begun. The Ramagundam floating solar power project is India's largest floating solar power project launched by NTPC.

❖ India's first Digital Lok Adalat launched in Rajasthan

- National Legal Services Authority (NALSA) Chairman Uday Umesh Lalit inaugurated India's first Artificial Intelligence enabled Digital Lok Adalat during the 18th All India Legal Services Officers' Meeting held in Jaipur, Rajasthan.

❖ Gujarat becomes first state to introduce 'semiconductor policy'

- Gujarat was the first Indian state to introduce the semiconductor policy for 2022-27. The Gujarat government has announced a dedicated 'Gujarat Semiconductor Policy 2022-27' with an aim to create at least 2,00,000 new jobs in five years.

❖ India ranks 5th in solar power distribution

- India is ranked 5th in solar energy. It has released standards and specifications for operating grid-connected solar plants.

❖ National e-Governance Service Delivery Assessment

- In the National e-Governance Service Delivery Survey conducted by the Department of Administrative Reforms and Public Grievances in 2021, the website of the Union Ministry of Home Affairs ranked first in the category of website of central ministries, while the digital policing platform was ranked second under the category of Central Ministry Services Platform.

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❖ India's first underwater metro rail service - Calcutta

- For the first time in India, an underwater metro line will be constructed in Kolkata. The east-west corridor of the Kolkata Metro will be 16.6 km long, 500 meters long at the foot of the Hooghly river and 33 meters below the riverbed.
- While Rs 8,600 crore is being spent on the project, the metro line will run from Howrah to Salt Lake via central Kolkata.
- It is said to be in use from 2023.

❖ Central government allows national flag to be hoisted at night

- The Government of India has amended the rules to allow the national flag to be flown at night.
- Prime Minister Narendra Modi has appealed to the people to hoist the national flag in every house from August 13 to 15 on the occasion of the country's 75th Independence Day.
- Meanwhile, the Union Home Ministry has amended the rules relating to the national flag.

❖ Draupadi Murmu sworn in as 15th President of India

- Draupadi Murmu was sworn in as the 15th President of the country on July 25, 2022. He was administered the oath of office by Chief Justice of India NV Ramana.
- President Draupadi Murmu belongs to the Santhali tribe of Odisha. He began his speech by calling it 'Johar'. 'Johar' in Santhali means 'namaste'.

❖ The top of Kargil hill was named 'Gun Hill'

- Mount 5140 at Drass in Kargil sector has been named "Gun Hill" as a mark of respect to the supreme sacrifice of the soldiers who participated in "Operation Vijay" to commemorate the victory of Indian forces.

❖ Varanasi to be the cultural and tourism capital of SCO

- Varanasi, which showcases Indian culture and heritage, has been declared as the cultural and tourism capital of the SCO for the year 2022-23.

❖ India on UNESCO's Art and Cultural Heritage Committee

- India has been elected as a member of UNESCO's art and cultural heritage committee, one of the UN bodies.
- In 2003, UNESCO set up a special committee to protect the customs, cultural traditions, festivals and the arts of the world.

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❖ Digital India Week 2022

- From July 4 to 9, Digital India Week 2022 was inaugurated by Prime Minister Narendra Modi in Gandhinagar, Gujarat on July 4 with the theme 'Catalyzing New India's Techade'.
- On the occasion, the Prime Minister also launched digital India Bhashini, Digital India Genesis and India Stack Global.

❖ Assam floods

- The Centre has declared the 2022 floods in Assam as the worst natural calamity.

Economy

❖ PAN or Aadhaar required for depositing more than Rs 20 lakh

- As per an order issued by the Central Board of Direct Taxes, a sum of Rs. If you deposit more than Rs 20 lakh in the bank, you will have to disclose the Aadhaar and PAN card details. Rs. 10,000 per day. There is already a rule that if you deposit more than Rs 50,000, you will have to disclose your PAN card details.

❖ Exemption from excise duty on aviation fuel

- The Finance Ministry has exempted domestic companies from paying 11% basic excise duty on aviation turbine fuel (ATF) while refueling for international flights.

❖ Narendra Modi lays foundation stone of IFSCA headquarters building

- On July 29, 2022, Prime Minister Narendra Modi laid the foundation stone for the headquarters building of the International Financial Services Centers Authority (IFSCA) at GIFT City in Gandhinagar. He also inaugurated India's first International Bullion Exchange Exchange exchange.

❖ Asian Development Bank estimates India's economic growth at 7.2%

- The Asian Development Bank (ADB) has projected India's economic growth for the current financial year at 7.2 per cent.

❖ India's economic growth rate is 7.4% by the International Monetary Fund

- The International Monetary Fund (IMF) has projected India's economic growth at 7.4% in the financial year 2022-23.

World

❖ World's first Cholera vaccine launched in Africa

- The World Health Organization (WHO) has introduced the world's first Cholera vaccine, which has been approved for public use, in three countries - Malawi, Ghana and Kenya.

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- Produced by GlaxoSmithKline, the vaccine is capable of controlling malaria by only 30 per cent. Also, the vaccine has to be administered in 4 doses.
- ❖ **Former Japanese PRIME Minister Shinzo Abe shot dead**
 - Japan's former prime minister Shinzo Abe was shot dead during a campaign while campaigning for the final leg of the country's upper house of parliament.
 - Shinzo Abe is the longest serving prime minister in Japan's history.
- ❖ **Monkey measles declared an international emergency**
 - The World Health Organization (WHO) has declared measles a global emergency. Measles, which was first detected in Africa, has now spread to various countries.
 - World Health Organization (WHO) Director-General Tedros Adhanom Ghebreyes has said that more than 16,000 cases of monkey measles have been confirmed in 75 countries.
- ❖ **Ahmed Nawab al-Ahmad Al-Sabah sworn in as Prime Minister of Kuwait**
 - The Emir of Kuwait, Ahmad Nawab, appointed Al-Ahmad Al-Sabah as the new prime minister.
- ❖ **Rare photo of the universe - released by NASA's James Webb telescope**
 - The US space agency NASA has released a photo taken by the James Webb Space Telescope to show the early days of the universe. This photo, which is packed with galaxies, is the deepest and clearest of all the photographs ever available about the universe.
 - US President Joe Biden has released a photo of James Webb recording a space telescope in space. James Webb's first full-color film, Galaxy Cluster SMACS 0723, which has now been released, has showcased thousands of galaxies, including dim objects that have not yet been seen by the light of infrared rays.
 - It is the premier space science laboratory. On December 25, 2021, it was launched by Europe's spaceport's Ariane 5 rocket in French Guiana, South America.
- ❖ **China sends lab to its own space station**
 - China has successfully launched its first laboratory vessel named 'Venetian' to connect to the Tiankang space station, which it is setting up on its own.
 - The 'Venetian' probe, which has been launched by the giant Long March-5B Y3 rocket, will serve as a risky alternative to Tianhe, the core vessel of the Tiankang Space Station, and at other times a powerful laboratory.

Environment

❖ Ramsar grants recognition to three mangroves of Tamil Nadu

- Twenty years later, three wetlands (wetlands) in Tamil Nadu have gained international recognition under the Ramsar Convention. The Pallikaranai marshland in Chennai, the Karikili Bird Sanctuary in Chengalpattu district and the Pichavaram marshland in Cuddalore district have been recognized as wetlands of international importance under the Ramsar Treaty i.e., Ramsar sites.
- In India, so far, 49 places have been added to the international list. The Kodiyakkarai Bird Sanctuary in Nagapattinam district of Tamil Nadu is one of these. With this, the number of areas in Tamil Nadu that have been included in the international Ramsar list has increased to four.
- In 1971, a global conference on the conservation of mangroves was held in Ramsar, Iran. On the basis of the international agreement reached at the conference and the protection of the ecology, it was decided to list the mangroves.
- The objective of the Ramsar Treaty is to conserve natural resources and maintain the richness of wetlands. Ramsar identifies wetlands of international importance, especially bird shelters.

❖ West Nile virus fever

- West Nile virus fever is transmitted by a type of mosquito called 'Culex'. Fever, body aches, headache, swelling of the leg are considered to be its main symptoms.
- These mosquitoes can grow in contaminated water. This type of infection was first detected in African countries in 1937. The first case was detected in Kerala in 2011.
- If there is no proper treatment, there will be neurological problems.
- Mosquitoes that grow in clean water can cause dengue and chikungunya.

❖ 27 tigers killed in Madhya Pradesh

- In 2022 (from January 1 to July 15, 2022), 27 tigers died in Madhya Pradesh, known as the tiger state.
- In India, 74 tigers have died in the country this year.
- According to the 2018 census, there were 526 tigers in Madhya Pradesh.
- Kanha, Bandhavgarh, Pench, Satpura, Panna and Sanjay Dhubri are the tiger reserves in Madhya Pradesh.

❖ Global Tiger Summit in Chennai

- Chennai: Tamil Nadu Chief Minister M K Stalin has announced that the Global Tiger Summit will be held in Chennai in October (2022) by the Tamil Nadu government in collaboration with the Central government.

T20 CURRENT AFFAIRS SPECIALLY FOR TNPSC

- According to the National Tiger Conservation Authority, there are 264 tigers in Tamil Nadu. Tamil Nadu accounts for about 10 per cent of India's tiger population.
- World Tiger Day is celebrated on July 29 every year.
- The number of Bengal tigers in India is said to have crossed the 3,000-mark, which is likely to be 3,346. This information has been reported on the basis of tiger census.
- According to the 2018 census, the number of tigers was 2,967.

Science & Technology

❖ 'Nilekani Centre at AI4Bharat - IIT Madras

- The Indian Institute of Technology (IIT Madras), Chennai has launched the 'AI4Bharat Nilekani Centre' with an aim to improve the quality of Indian language technology and make a social impact.
- AI4Bharat has been launched as an initiative of IIT Madras to build an 'open source' language with artificial intelligence for Indian languages.
- This includes sophisticated models for machine translation and speech recognition.

❖ Param Ananta Super Computer (PARAM ANANTA Super Computer)

- The state-of-the-art supercomputer Param Ananta at IIT Gandhinagar under the National Supercomputing Mission (NSM) is dedicated to the nation.
- It was launched by Param Ananta, a joint venture between the Ministry of Electronics and Information Technology and the Department of Science and Technology.

❖ Artificial Intelligence Tool for Cancer Diagnosis - PIVOT

- A team of researchers from IIT-Madras has developed an artificial intelligence-based device called 'PIVOT' for cancer diagnosis.
- It is possible to predict the genes that cause cancer in an individual. This tool will help you plan cancer treatment strategies.

❖ Agnikul Cosmos: Space Technology Start-up

- Space technology startup Agnikul Cosmos has opened India's first factory in Chennai to manufacture 3D printed rocket engines.
- This facility will use additional manufacturing technology to develop 3D printed rocket engines and will be used to manufacture engines for its own internal rockets.
- Its main product, Agnibaan, is designed to travel in the earth's 700 km elliptical orbit with a weight of 100 kg.

T20 CURRENT AFFAIRS SPECIALLY FOR TNPSC

- Agnilet is unique because it is a single-material hardware created by being printed in single-part, three-dimensional (1st single-piece 3D printed rocket engine)," it was successfully tested in 2021.
- Launched in 2017 by Srinath Ravichandran and Moin, SPM, Agnikul Cosmos is focused on developing a launch vehicle for low-cost small satellites to be launched into space.
- It is also the first company to sign a contract to harness ISRO's expertise and rocket-making capability.
- ❖ **'Bacillus SP PM06' (Bacillus sp PM06) - Chennai (IIT)**
 - Researchers at IIT Madras have discovered how bacteria called 'Bacillus SP PM06' help to produce industrial enzymes and value-added products from agricultural waste in a low-cost, environmentally friendly manner.
 - The researchers studied the bacteria Bacillus SP PM06 (*Bacillus sp* PM06) extracted from sugarcane waste. These bacteria were helpful in the creation of industrial enzymes and value-added products from agricultural wastes.
 - Wheat bran was found to be the most effective, followed by sago waste and rice bran. Moreover, this processing method is economical and environmentally friendly.
- ❖ **'Varuna', the first drone to fly in the air with a passenger, launched**
 - 'Varuna', the first drone to fly in the sky with a passenger, has been made. The discovery for the Navy was inaugurated by Prime Minister Narendra Modi.
 - In this drone, there is no need for a pilot who is like the pilot of the aircraft. It can also be operated in the same way as other drones called drones. About 25 km. The flying Varuna weighs 130 kg and is capable of flying for 25 to 33 minutes.
 - This new type of drone is the invention of Sagar Defense Engineering, a startup. It was founded in 2015 by Captain Nikun Parashar, who served as a captain in the Indian Navy.
- ❖ **India's first lithium-ion cell - (NMC) 2170**
 - India's first indigenously manufactured lithium-ion cell, named 'Nickel-Manganese-Cobalt (NMC)2170', has been manufactured by 'Old Electric', a Bengaluru-based electric vehicle manufacturer.
- ❖ **Dihan- India's Automatic Transport Technology Facility**
 - India's first automated transport technology facility has been developed by 'Technology Innovation Hub on Autonomous Navigation ' (TiHAN) at IIT Hyderabad. Union Minister of State for Science and Technology Jitendra Singh inaugurated the event.

T20 CURRENT AFFAIRS SPECIALLY FOR TNPSC

❖ India's first teaching robot - "Eagle"

- Indus International School has launched eagle robot, an innovative and first teaching robot in India. Of the three Sindh schools, 21 eagle robots have been used – seven each in Hyderabad, Bangalore and Pune.

Persons & Appointments

❖ Lieutenant General S. Mohan appointed UN Commander of South Sudan

- Lt Gen S Mohan, principal of the Wellington Tri-Services Officers Training College, has been appointed to the UN General Assembly for South Sudan. United Nations Secretary-General António Guterres has been appointed commander-in-chief.

❖ Miss India 2022: Sini Shetty from Karnataka

- Sini Shetty from Karnataka has been crowned Miss India 2022.

❖ Amitabh Kant appointed as G20's ambassador

- Former NITI Aayog CEO Amitabh Kant has been appointed as the ambassador (SHERPA) of the G20, which is headed by India, the US, the UK and Australia.

❖ 'Father of Indian Internet' PK Singhal passes away

- Brijendra K Singhal, the father of the Indian internet and former chairman of Videsh Sanchar Nigam Limited (VSNL), passed away.

❖ Ilayaraja appointed as nominated member of Rajya Sabha

- Those who have excelled in various fields are appointed by the President of India as nominated members of the Rajya Sabha. Music composer Ilayaraja, athlete P D Usha, screenwriter V Vijayendra Prasad and Veerendra Hegde have been nominated as nominated members of the Rajya Sabha.

❖ Indian to become World Bank Group's chief economist

- The World Bank has appointed Indermit Gill, an Indian-origin and chief economist, as the Chief Economist of the World Bank Group.
- Indermit Gill is the second Indian after Kaushik Basu to serve as chief economist at the World Bank.

Scheme

❖ Rythu Ball Scheme

- In order to rescue the farmers from the debt burden and to procure inputs required for cultivation, a scheme called 'Rythu Bandhu' (RYTHU BANDHU - Relative of Farmers) is being implemented by the Agriculture Department of the Government of Telangana since 2018-19.

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❖ Pradhan Mantri Ujjwala Yojana – Additional Rs 200 subsidy announced

- It was launched on May 1, 2016.
- Gas stove, cylinder free.
- The deposit amount per cylinder is Rs.1600.
- Rise in crude oil prices (Russia-Ukraine war)
- The government has announced a subsidy of Rs 200 per cylinder for 9.17 crore beneficiaries of Ujjwala.
- 35 lakh beneficiaries will be benefitted in Tamil Nadu.

Summit

❖ Organic Farming Conclave in Surat, Gujarat

- Addressing a conference on organic farming in Surat, Gujarat, prime minister Narendra Modi said that doing organic farming means that it serves the natural environment and you are protecting the quality of the soil.

❖ PM Modi to attend 1st I2U2 summit via video conferencing

- On July 14, 2022, the first conference of the "I2U2"(India-Israel-UAE-USA) consortium was held via video conferencing which was attended by Prime Minister Modi, Israeli Prime Minister Yakir Lapid, UAE President Mohammed bin Zayed Al Nayan and US President Joe Biden.
- The consortium has committed to increasing investments in areas such as water, energy, transport, space, health and food security as a key component of the I2U2 consortium.

Defence

❖ Y-3023 Tunagiri, 17-A warship

- Defense Minister Shri Rajnath Singh inaugurated the Y-3023 Tunagiri, 17-A warship built at GRSE Institute in Kolkata on July 15, 2022.
- The ship is a continuation of the B17A (Shivalik type) with advanced combat capability, state-of-the-art weapons and sensor devices, and platform management systems.

❖ INS Sindhudhwaj bids farewell to Navy

- On July 16, 2022, INS Sindhudhwaj (INS-Sindhwadhwaj), who had served in a distinguished manner for 35 years, bid adieu to the Indian Navy.
- It belongs to the Sindhughosh type of Russia to fulfill the objective of the Indian navy's efforts of a self-reliant India.

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- It covers the functions of the indigenous Sonar USHUS, swadeshi satellite communication systems called Rukmani and MSS internal navigation system and domestic torpedo fire control system.

Awards

❖ International Energy Award - Kaushik Rajasekhara

- Kaushik Rajasekhara, who is of Indian origin, has been awarded the International Energy Award.

❖ 'Kalachuvadu' Kannan (a) SR Sundaram gets Chevalier Award

- Editor 'Kalachuvadu' Kannan (A) S.R. Sundaram has been selected for the Chevalier Award in France for his contribution to the promotion of India-France relations in the field of publishing.
- Kannan has also written a few books, including 'Agavizhi Undhu' and 'What is freedom of expression?'. Since 1957, the French government has been awarding the Chevalier Award annually. This is the highest award given by the French government. Chevalier means high 'worthy of glory'.
- Sivaji Ganesan, Kamal Haasan, V Sri Ram (translator), Vani Dasan (poet) and Madana Kalyani (professor) have been conferred with this award.



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❖ 68th National Film Awards

- Released in Malayalam and received a huge response, 'Ayyappanum Koshiyum' has won awards in four categories - Best Director, Supporting Actor, Singer and Stunt Direction.
- Nanjamma, a tribal girl who sang the song 'Kalakatta Chandanamaram Makum Poothirukku', has been awarded the Best Female Playback Singer award.

68th National Film Awards	
Best Film	Praise the warrior
Best Screenplay	Praise the warrior
Best Actor in a Supporting Role	Surya (Soorai Pottru)
Best Actor in a Supporting Role	Ajay Devgn (Tanaji: The Unsung Warrior)
Best Actress	Aparna Balamurali (Soorai Pottru)
Best Tamil Movie	Sivaranjani and a few other women
Best Supporting Actress	Lakshmi Priya Chandramouli (Sivaranjani and a few other women)
Best Music Director	G.V.Prakash (background music)

Sports

❖ Athletics Championships for The Elderly

- India's Bhagwati Devi Thakkar (94) bagged three medals, including a gold in the 100m race, at the Oldest Athletics Championships in Finland.

❖ 48th Junior National Swimming Championship

- Actor Madhavan's son Vedant, who participated in the Nesanar Championship in Bhubaneswar, won the gold with a national record.

❖ Neeraj Chopra sets new national record in javelin throw

- India's Neeraj Chopra set a new national record with a throw of 89.94m in javelin throw at the Diamond League in Stockholm, Sweden. With this, he won a silver medal in the competition.

❖ World Athletics Championships - Yulimer Rojas gold in triple jump

- Olympic champion Yulimer Rojas of Venezuela won the gold medal in the women's triple jump with a throw of 15.47m at the World Athletics Championships in Eugene, USA.
- He had also won gold in 2017 and 2019. This is the third time in a row that she has won a gold medal in triple jump.

❖ Shooting World Cup 2019 : India tops the list

- India topped the World Cup shooting competition in South Korea with 15 medals.

T20 CURRENT AFFAIRS SPECIALLY FOR TNPSC

❖ First time champion in Wimbledon tennis history - Kazakhstan

- Kazakhstan's Elena Rybakina won the women's singles title at the Wimbledon tennis tournament.
- He is the first tennis player from Kazakhstan to win a Grand Slam title.

❖ Jack Whiteman champion

- In the men's 1500m race at the World Athletics Championships, England's Jack Whiteman defeated the defending Olympic champion to become the champion.
- This is England's first gold medal in the 1500 metres at the World Championships in 39 years.

❖ PV Sindhu wins Singapore Open badminton title

- Indian shuttler PV Sindhu defeated China's Wang Lii in the final of the Singapore Open badminton tournament to win the title (for the first time).
- Sindhu is the third player after Saina Nehwal and B Sai Praneeth to win the Singapore Open title.

❖ Women's Cricket World Cup 2025 in India

- The Women's Cricket World Cup will be held in India in 2025. India had earlier hosted the ODI World Cup in 2013.
- This is the 5th time that India is hosting the ICC Women's Tournament.

Index

❖ National Level Colleges Rank List 2022

- Presidency College, Chennai – 3rd place
- Miranda House College, Delhi – 1st place
- Delhi Hindu College – 2nd place

❖ Environmentally Friendly New Enterprise Activities Ranking List - 2021

- The results of the 3rd edition of the Environment Friendly New Industries Activities 2021 Ranking List were released by Minister for Commerce and Industry, Consumer Affairs, Food and Public Distribution and Textiles Piyush Goyal.
- The aim is to promote the vision of competitiveness and cooperative federalism.
- Gujarat, Karnataka and the northeastern state of Meghalaya are among the best performing states
- The states of Kerala, Maharashtra, Odisha, and Telangana, as well as the Union Territory of Jammu and Kashmir, are on the top performance list.
- In this ranking, Tamil Nadu has been at the forefront of advancing the startup ecosystem with policies related to innovative and widespread technology.
- Tamil Nadu has made progress in the category of leading states.

T20 CURRENT AFFAIRS SPECIALLY FOR TNPSC

❖ NITI Aayog's List of Innovations in India-2021

- Karnataka (18.01), Manipur (17.66), Chandigarh (16.35) and Maharashtra (16.06) are among the top four in the large states category respectively in NITI Aayog's India Innovations 2021 list.
- Manipur tops the list in the North East and Hill State category, while Chandigarh tops in the Union Territories category.
- Tamil Nadu is at the fifth position in the States category with a score of 15.69.

❖ Henley Passport Index - 2022

- According to the Henley Passport Index, India is ranked 87th out of the world's 199 most powerful passports in 2022.
- Japan took the first place. Passport holders were ranked on the basis of the number of places they could access without a prior visa.

❖ Gender Gap Index 2022: India ranked 135th

- The World Economic Organization has been studying the gender gap index list in terms of economic participation, access to education, health and political power for 15 years.
- India is ranked 135th out of 146 countries in the gender inequality list. Bangladesh is ranked 71st, Nepal 96th, Sri Lanka 110th and Pakistan 145th.
- In 2021, it was ranked 140th in the list of 156 countries.
- India has been at the worst level of gender inequality for the last 16 years, despite a rise of five places compared to last year, according to the World Economic Forum.
- India, Qatar, Pakistan, Azerbaijan and China are among the five countries with a gender inequality rate of more than 5 per cent.
- Iceland, Finland, Norway and Sweden are the top four countries in the list, respectively.
- Afghanistan (146th) is at the bottom.
- Gender inequality is the highest in South Asia at 62.3%.

Subcodes	Location	Total Countries
Health and Survival (Health and Vitality) - Health & Survival	146th	146
Economic Participation and Opportunity (Economic Participation and Opportunities) Economic Participation & Opportunity	143rd	146
Educational Achievement (Educational Progress) Education Attainment	107th	146
Political Empowerment (Political Authority)	48th	146

Important Days

1. July 1 - National Chartered Accountants Day
2. July 1 - National Doctor's Day
3. July 3 - International Day for the Elimination of Plastic Bags
4. July 7 - Birth anniversary of Irattaimalai Srinivasan
5. July 10 - National Fisheries Farmers' Day
6. July 11 - World Population Day
7. July 12 - World Malala Day
8. July 15 - Educational Development Day (Kamaraj's birth anniversary)
9. July 15 - World Youth Skills Day
10. July 17 - International Day of Justice
11. July 18 - Tamil Nadu Day
12. July 18 - Nelson Mandela Day
13. July 20 - International Moon Day
14. July 20 - International Chess Day
15. July 23 - National Broadcasting Day
16. July 26 - International Day for The Conservation of Mangrove Ecosystems
17. July 26 - Kargil Vijay Diwas Day
18. July 28 - World Hepatitis Day
19. July 28 - World Nature Conservation Day
20. July 29 - International Tiger Day

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