

January - 10

TNPSC BITS

- ❖ Tamil Nadu Chief Minister unveiled a blueprint for making the State a \$1 trillion economy by 2030 and Semiconductor and Advanced Electronics Policy, 2024 in the GIM2024.
- ❖ Brazilians Football legend Mario Zagallo, a four-time World Cup-winning player and coach passed away recently.
- ❖ The 19th edition of the NAM summit will be held in Uganda's capital Kampala.
- ❖ In a display of inclusivity and empowerment, the International Purple Fest 2024 has commenced in Goa.

TAMIL NADU

Total Investments via GIM 2024



- ❖ The Tamil Nadu Global Investors Meet 2024 has attracted record investments of ₹6.64 lakh crore.
- ❖ It is much higher than the estimated sum of about ₹5 lakh crore and doubled the investment that was attracted in the previous GIM held in 2019.
- ❖ This is achieved through 631 Memoranda of Understanding (MoUs) that would generate nearly 27 lakh jobs across sectors.

- ❖ Some of the big-ticket investment proposals were made by Tata Power (₹70,800 crore), Adani Group (₹42,768 crore), Sembcorp (₹36,238 crore), Leap Green Energy Pvt. Ltd. (₹17,400 crore) and Chennai Petroleum Corporation Limited (₹17,000 crore).
- ❖ Giving sectoral-wise break-ups are
 - ₹3,79,809 crore had been mobilised through the Department of Industries, Investment Promotions and Commerce;
 - ₹1,35,157 crore by the Energy department;
 - ₹62,939 crore through the Housing and Urban Development department and
 - ₹22,130 crore through the Information Technology and Digital Services department;
 - Besides, ₹63,573 crore had been generated by the MSME sector.

SEZ in Tamil Nadu 2024



- ❖ Tamil Nadu has the highest concentration of Special Economic Zones (SEZs) in the country, with 54 of them in operation.
- ❖ It is accounting for one-third of the State's exports.
- ❖ The SEZ started as a policy in 2002 and became an Act in 2005.

Top Indian city for women in 2023

- ❖ Chennai emerged as the top Indian city for women in 2023 in terms of inclusivity and conduciveness to working women.

- ❖ Tamil Nadu cities topped both categories that the study covered – 49 cities in the million-plus population category and 64 cities in the less than a million-population category.
- ❖ Chennai topped the million plus category and Tiruchirappalli came on top of the less than a million category.
- ❖ The state also had a total of seven cities such as Coimbatore (Million plus), Tiruchirappalli, Vellore, Salem, Erode, and Tirupur (Less than a million) featuring in the lists.
- ❖ Chennai also retains its Social Inclusion Score rank in the first place.
- ❖ Its Industrial Inclusion Score rate slipped by 1 and is second to Bengaluru on this scale.

CHENNAI TOPS AMONG MILLION+ POPULATION CITIES				TIRUCHIRAPPALLI TOPS AMONG LESS THAN MILLION POPULATION CITIES			
Rank	City	State	City Inclusion Score	Rank	City	State	City Inclusion Score
1	Chennai	Tamil Nadu	48.42	1	Tiruchirappalli	Tamil Nadu	40.39
2	Bengaluru	Karnataka	43.53	2	Vellore	Tamil Nadu	38.22
3	Pune	Maharashtra	43.5	3	Kochi	Kerala	37.62
4	Mumbai	Maharashtra	40.64	4	Thiruvananthapuram	Kerala	37.46
5	Hyderabad	Telangana	39.58	5	Shimla	Himachal Pradesh	37.41
6	Kolkata	West Bengal	36.09	6	Salem	Tamil Nadu	36.69
7	Ahmedabad	Gujarat	35.49	7	Erode	Tamil Nadu	36.02
8	Delhi	Delhi	31.46	8	Tiruppur	Tamil Nadu	36.01
9	Coimbatore	Tamil Nadu	28.66	9	Gurugram	Haryana	35.02
10	Jaipur	Rajasthan	24.12	10	Puducherry	Puducherry	34.41

NATIONAL

C-130J's Night Landing

- ❖ The Indian Air Force has successfully conducted a night landing of the C130-J transport aircraft at the Kargil airstrip.
- ❖ This marks the first time a night landing has been carried out at the airstrip, situated near the Line of Control (LoC) in the Ladakh region.

- ❖ C130-J is an advanced tactical airlifter utilized by the Indian Air Force for special operations and humanitarian crises.



INTERNATIONAL

Bangladesh election 2024

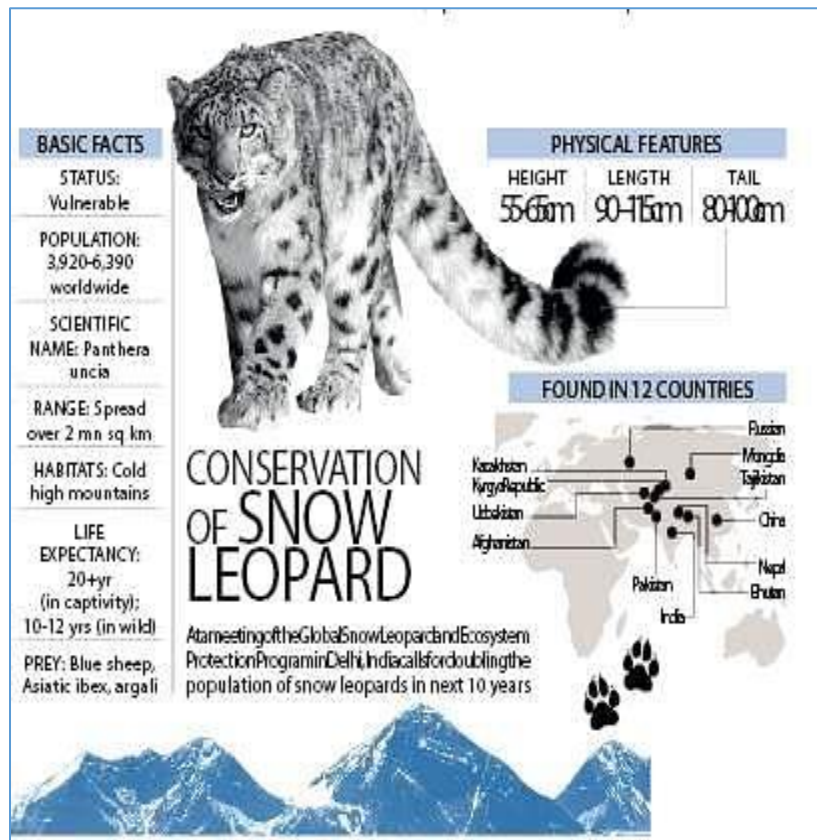
- ❖ Incumbent Prime Minister Sheikh Hasina has secured her fifth term in office after her Awami League Party secured absolute majority in the polls.
- ❖ The Awami League take an early lead, winning 216 seats out of 224 seats.
- ❖ Being elected for her fifth term as the prime minister, Sheikh Hasina has become the world's longest-serving female head of state.



Snow leopard - National symbol

- ❖ Kyrgyzstan has officially declared the snow leopard as its national symbol.

- ❖ In ancient Kyrgyz culture, *Panthera uncia*/ snow leopard, held significance as a totem animal linked to the legendary hero of the Kyrgyz people, Manas.
- ❖ Kyrgyzstan hosted the inaugural Global Snow Leopard Forum in 2013 in the capital, Bishkek.
- ❖ During this event, the Bishkek Declaration on Snow Leopard Protection was unanimously adopted.
- ❖ The Global Snow Leopard and Ecosystem Protection Programme (GSLEP) was initiated with the collaboration of representatives from 12 snow leopard range countries including India.

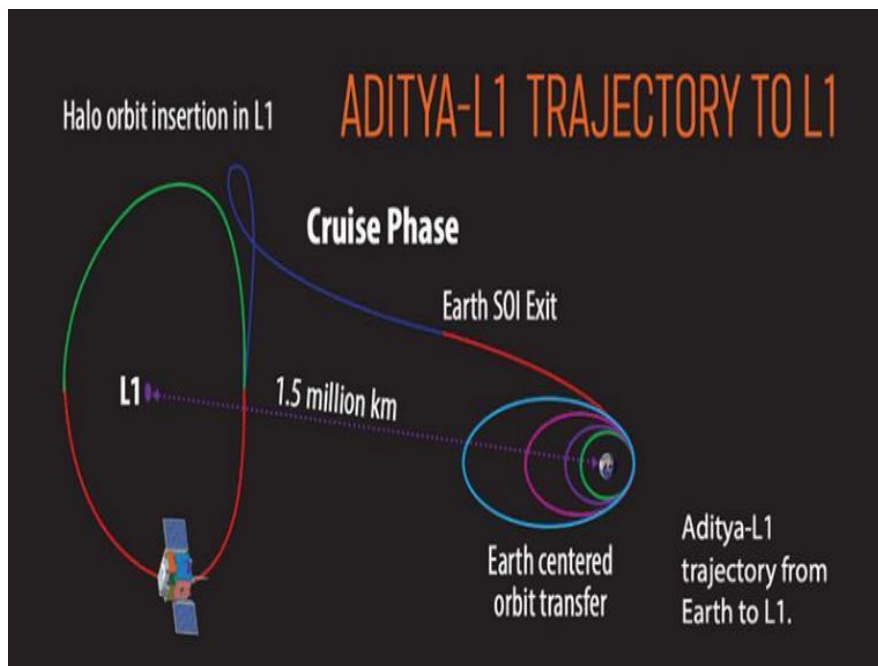


SCIENCE AND TECHNOLOGY

Aditya-L1 Mission

- ❖ ISRO has placed the Aditya-L1 spacecraft in a halo orbit around the Lagrangian point (L1).
- ❖ India's maiden solar mission Aditya-L1 reached the L1 point on January 6, 127 days after it was launched on September 2, 2023.

- ❖ After a 1.5-million km journey the spacecraft was placed in a halo orbit around L1.
- ❖ The orbit of Aditya-L1 spacecraft is a periodic halo orbit.
- ❖ It is located roughly 1.5 million km from earth on the continuously moving Sun–Earth line with an orbital period of about 177.86 earth days.
- ❖ This halo orbit is a periodic, three-dimensional orbit at L1 involving Sun, Earth and a spacecraft.
- ❖ The distance of L1 from the earth is approximately 1% of the earth-sun distance.
- ❖ There are currently four operational spacecraft at L1 which are WIND, Solar and Helio spheric Observatory (SOHO), Advanced Composition Explorer (ACE) and Deep Space Climate Observatory (DISCOVER).



STATES

REJUPAVE Technology

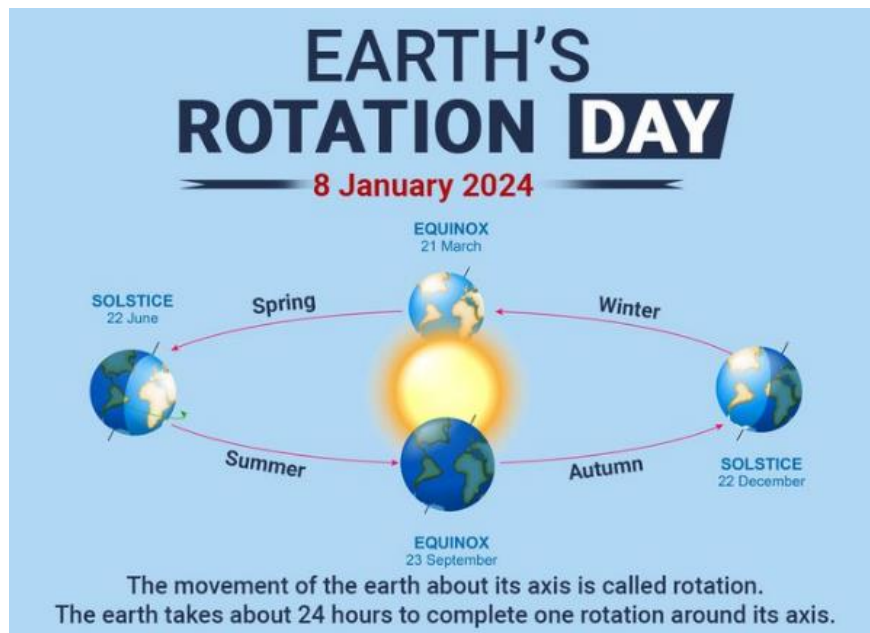
- ❖ The Border Roads Organisation will build bituminous roads using an indigenous technology, “Rejupave” along Indo-China border in Arunachal Pradesh.
- ❖ This is developed by premier road research organisation, CSIR-Central Road Research Institute (CSIR-CRRI).
- ❖ Rejupave asphalt modifier is a biooil-based product which lowers the heating requirement of bituminous mixes besides preserving the bituminous mix temperature during transit.

- ❖ Already this technology used for construction of roads at the Sela tunnel and LGG-Damteng-Yangste road sites at 14,000 ft and 18,000 ft altitude respectively.



IMPORTANT DAYS

Earth's Rotation Day 2024 - January 08



- ❖ In 470 BC, the Greeks claimed that the earth rotated on its own back.
- ❖ In 1851, French Physicist Leon Foucault showed the world's rotation with the assistance of a pendulum.
- ❖ There are about 11 locations in India where the Foucault Pendulum is displayed, including the New Parliament building.

- ❖ The Earth takes 24 hours to complete a rotation with respect to the sun.
- ❖ The Earth's diameter is 12,714 kilometres (7,900 miles) from the North toward the South Poles and 12,756 kilometres (12,756 miles) via the equator (7,926 miles).

MISCELLANEOUS

16th century Telugu inscriptions

- ❖ Two Telugu inscriptions of the 16th century have been found near the Poleramma (local village deity) temple inside the Nallamala forest at Palutla.
- ❖ They are written in Telugu and contain characters of the 16th century C.E., dated in the cyclic year Akshaya, Sravana, Su 10.
- ❖ One of the inscriptions records the construction of cradle pillars (uyyala-kambalu) to Goddess Poleramma by Jangam, son of Linggabattu, of Gurazala.
- ❖ The other inscription (letters are not clear on it), seems to refer to a hero fighting with a tiger.

