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தமிழ்நாடு

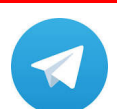
- புத்தொழில் - புத்தாக்க கொள்கையை தமிழக முதல்வர் திரு மு.க. ஸ்டாலின் வெளியிட்டுள்ளார்

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- UNITED NATIONS Chief calls upon Wealthy Nations to take lead in fight against Climate Change



புத்தொழில் - புத்தாக்க கொள்கையை தமிழக முதல்வர் திரு மு.க. ஸ்டாலின் வெளியிட்டுள்ளார்

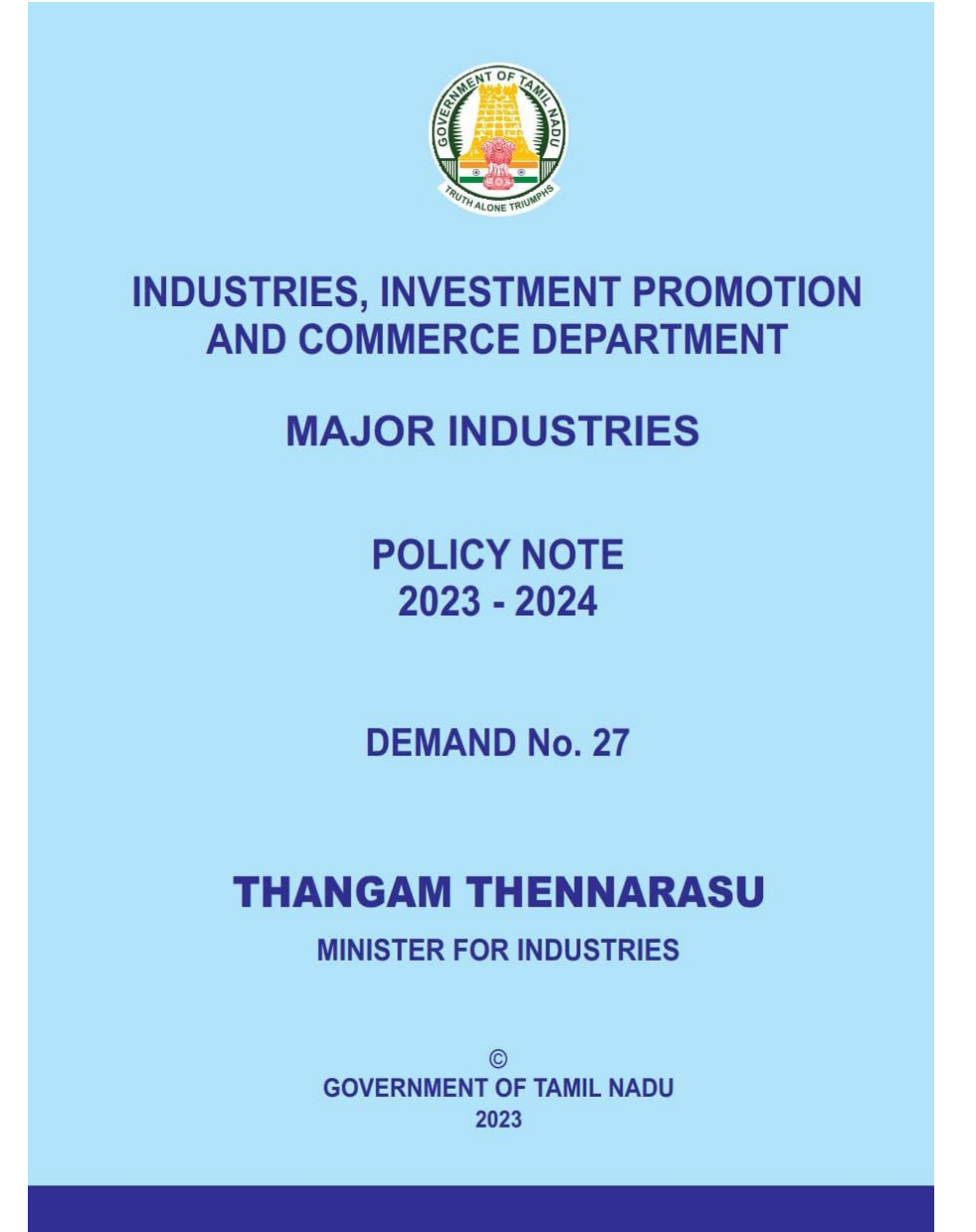
- தமிழ்நாட்டில் புதிய தொழில்களை ஊக்குவிப்பதற்கான சூழலை மேம்படுத்தவும், ரூ.100 கோடியில் பெரு நிதியத்தை உருவாக்கவும் புத்தொழில் மற்றும் புத்தாக்க கொள்கையை முதல்வர் மு.க.ஸ்டாலின் வெளியிட்டுள்ளார்.

அம்சங்கள்

1.புத்தொழில் சார்ந்த அறிவாற்றலை மேம்படுத்துதல், மாநிலத்தின் புத்தாக்க சூழல் அமைவை வலுப்படுத்துதல், முதலீட்டு சூழலை வலுப்படுத்துதல் உள்ளிட்ட ஏழு அம்சங்களை அடிப்படையாகக் கொண்டு ஐம்பதுக்கும் மேற்பட்ட செயல் திட்டங்களுடன் இந்தக் கொள்கை வடிவமைக்கப்பட்டுள்ளது.

2.ஒடுக்கப்பட்ட சமூகங்களைச் சார்ந்தவர்களால் நடத்தப்படும் புத்தொழில் நிறுவனங்களுக்குத் தேவையான பயிற்சிகள், ஆலோசனைகள், வழிகாட்டுதல்களை அளிக்கும் வகையில், சமூக நீதித்தொழில் வளர் மையம் நிறுவப்படும்.

3. புத்தொழில் முனைவில் ஈடுபடும் பெண்களின் பிரத்யேக தேவைகளைக் கருத்தில் கொண்டு பல்வேறு சிறப்பம்சங்களுடன் ஒரு தொழில் வளர் மையம் அமைக்கப்படவுள்ளது.

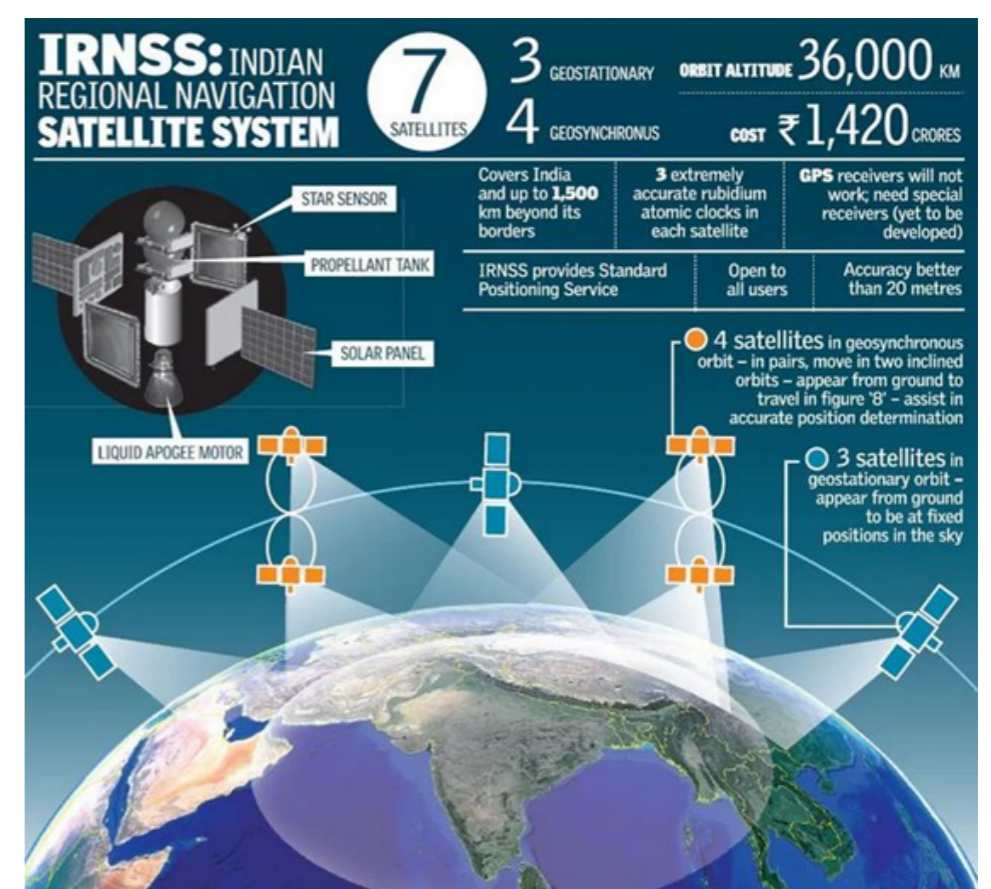


NavIC Based IST Traceable Primary Reference Time Clock Development

- Centre for Development of Telematics (C-DOT) & CSIR sign agreement for Development of NavIC based IST (International Standard Time) traceable Primary Reference Time Clock (PRTC) is an initiative which aims towards achieving the objective of "One nation One time".

About NavIC

- NavIC or the Indian Regional Navigation Satellite System (IRNSS) is designed with **a constellation of 7 satellites and a network of ground stations operating 24x7.**
- There are a **total of eight satellites however only seven remain active.**
- Three satellites in **geostationary orbit and four satellites in geosynchronous orbit.**
- The constellations' first satellite (IRNSS-1A) was **launched on 1st July 2013 and the eighth satellite IRNSS-1I was launched in April 2018.**
- With the seventh launch of the constellation's satellite (IRNSS-1G), **IRNSS was renamed NavIC by India's Prime Minister in 2016.**
- This shall benefit India in multiple ways starting from **reducing the dependency on GPS, shifting to IRNSS/ NavIC, digital forensic analysis of transactions, cyber secure networks, reduce call drops & further synchronise all the telecom services with one reference time source IST, developed by CSIR-NPL.**
- In April 2019, the government made **NavIC-based vehicle trackers mandatory for all commercial vehicles in the country**
- Qualcomm Technologies has unveiled mobile chipsets supporting NavIC



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SWAVLAMBAN-2023

- The 2nd Edition of the Indian Navy's Naval Innovation and Indigenisation (NIIO) Seminar – 'Swavlamban 2023' is scheduled to be conducted in October 2023.

About SWAVLAMBAN

- The first edition of the seminar was held in July 2022.
- It witnessed the launch of the **'SPRINT Challenges'** initiative.
- SPRINT is a collaborative initiative being undertaken in conjunction with **the Defence Innovation Organisation (DIO) and stands for Supporting Pole-Vaulting in R&D through Innovations for Defence Excellence (iDEX), NIIO and Technology Development Acceleration Cell (TDAC).**
- The SPRINT Challenges are aimed at giving a boost to the usage of indigenous technology in the Indian Navy, and the Navy is committed to developing at least 75 technologies/ products.



4/7

One Year Of Project Cheetah

- Recently, 1 year anniversary of India's cheetah reintroduction programme was observed with the 1st batch of 8 cheetahs from Namibia arrived on September 17, 2022.

Why is the cheetah being brought back?

- Asiatic cheetahs** - Once abundant in India, cheetah was officially declared extinct by the Indian government in 1952.
 - Reasons - Over-hunting, decimation of its relatively narrow prey base species and loss of its grassland-forest habitat.
- Need for introduction**- To establish a viable cheetah metapopulation in India and provides space for the expansion of the cheetah within its historical range.
- As it is a flagship species, the conservation of the cheetah will revive grassland-forests habitat.

Status of Project Cheetah

- Total Imports** - 20 adult African cheetahs have been imported so far.
- Death** - Of the 20 adult cheetahs imported, 6 of the 12 cheetahs which came from Africa have died.
- Additionally, 3 of the four cubs have died and the only remaining cub is being hand reared as its mother has rejected it.
- Current status** - The surviving 14 adult cheetahs and 1 cub are in captivity.
- The current status doesn't indicate any progress to achieve the stated goal of Project Cheetah.
- Additional sites being prepared** - Gandhi Sagar Wildlife Sanctuary and Nauradehi Wildlife Sanctuary, both in Madhya Pradesh.

Cheetah

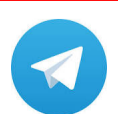
Scientific name - *Acinonyx jubatus*

Cheetahs are the fastest land animals.

Cheetah are large wild cats

IUCN Status - Vulnerable

CITES - Appendix I



Census And Delimitation Work After Lok Sabha Poll

- Home minister said in the Lok Sabha that the Census and the delimitation exercise will be conducted immediately after the general election.
- Delimitation literally means **the act or process of fixing limits or boundaries of territorial constituencies in a country to represent changes in population.**

Composition:

- The Delimitation Commission is appointed by the President of India and works in collaboration with the Election Commission of India.
- Retired Supreme Court judge
- Chief Election Commissioner
- Respective State Election Commissioners

Process of Delimitation

- Under **Article 82**, the Parliament enacts a Delimitation Act after every Census.
- Under **Article 170**, States also get divided into territorial constituencies as per Delimitation Act after every Census.
- Once the Act is in force, the Union government sets up a Delimitation Commission.
- The first delimitation exercise was carried out by the President (with the help of the Election Commission) in 1950-51.**

What is delimitation

The process of **redrawing boundaries** of Lok Sabha and state Assembly seats to represent changes in the population.

The **main task of the Delimitation Commission** is redrawing the boundaries of the various assembly and Lok Sabha constituencies based on a recent census.



UNITED NATIONS Chief calls upon Wealthy Nations to take lead in fight against Climate Change

- The world is on track for a **2.8°C temperature rise** if global leaders do not take urgent action on climate change.
- The warning was made at the **UN Climate Ambition Summit**
- Climate Ambition Summit-It's high level event that aims to increase the global action & cooperation on Climate Change. **It seeks to keep the goal of limiting the global temperature rise 1.5 degree Celsius .**

INITIATIVES FOR MITIGATING CLIMATE CHANGE

- **KYOTO PROTOCOL**- International agreement linked to the UNFCCC, which commits its parties by setting internationally binding emission reduction targets.
- Kyoto Protocol Phase-1 (2005-12) gave the target of cutting down emissions by 5%. Phase- 2 (2013-20) gave the target of reducing emissions by at least 18% by the industrialized countries.
- **PARIS AGREEMENT** - It replaced the Kyoto Protocol. It aims to reduce global Green House Gas emissions in an effort to limit the global temperature increase in this century to well below 2°C above pre-industrial levels, while pursuing means **to limit the increase to 1.5°C by 2100.**
- **UNITED NATIONS CONFERENCE ON ENVIRONMENT & DEVELOPMENT** - The UNCED, also known as the 'Earth Summit', was held in Rio de Janeiro, Brazil.

