

April - 19

TNPSC BITS

- ❖ High Glory Footwear India Private Limited, a subsidiary of Taiwan-based Pou Chen Corporation signed an MoU with the Government of Tamil Nadu to set up a non-leather footwear manufacturing unit at the SIPCOT Industrial Park, Ulundurpettai.
- ❖ Nepal along with India has become a founding member of the International Big Cats Alliance.
- ❖ The Ministry of Panchayati Raj will be celebrating National Panchayat Awards Week from April 17 to 21.

TAMIL NADU

Oru Panpattin Payanam: Sindhu Mudhal Vaigai Varai



- ❖ Recently Tamilnadu CM launched the book named Oru Panpattin Payanam: Sindhu Mudhal Vaigai Varai.
- ❖ These book that traces the connections between the Indus Valley civilisation and Dravidian history.
- ❖ The book is the Tamil translation of former IAS officer R Balakrishnan's book Journey of a Civilisation: From Indus to Vaigai.

- ❖ Balakrishnan's book attempts to trace a history of the Indus Valley civilisation and says that the original inhabitants of the civilisation were Dravidian.

50 public sector undertakings against private competitors



- ❖ Tamil Nadu government has chosen Ernst & Young, a multinational consultancy firm, as a consultant for the financial and operational analysis of 50 selected Public Sector Undertakings (PSUs) in the State.
- ❖ The consultant will also act as a project management unit in the Finance (BPE) Department.
- ❖ The Finance (Bureau of Public Enterprises) Department was formed in 1982.
- ❖ It has the intention of ensuring policy uniformity in the management of PSUs and Statutory Boards.

Revision of Stamp duty

- ❖ Tamil Nadu has revised the rate of stamp duty after 22 years.
- ❖ The amendment Bill named "Indian Stamp (Tamil Nadu Amendment) Act 2023.
- ❖ Stamp duty for documents is chargeable at the rate indicated in Schedule - I of the Indian Stamp Act, 1899.
- ❖ The cost of printing physical non-judicial stamp papers has increased manifold times since 2001.



- ❖ Payment of stamp duty below Rs 100 denomination would continue to be made available through e-stamping.

Merger of TANGEDCO's wings



- ❖ Tamil Nadu Energy Department policy note for 2023-24, was recently tabled in the state Assembly.
- ❖ It has proposed to merge Tamil Nadu Generation and Distribution Corporation Ltd' (Tangedco) Mines wing with its Coal wing.
- ❖ This will reduce the expenditure and to have better control of coal for both existing and upcoming Thermal Power Stations.
- ❖ Tangedco currently has a thermal power capacity of 4,320 MW.
- ❖ Another 4,100 MW of projects is likely to be added to the State's grid in the next two years.

NATIONAL

Unified Portal of Central Bureau of Narcotics

- ❖ Centre launched the unified portal of the Central Bureau of Narcotics (CBN).
- ❖ It will instil efficiency and transparency and reduce the time taken by the pharma industry to get a trade licence.
- ❖ This will leverage drastic reduction in 'processing-time' and conserving the resources of the trade for other fruitful business activities.

- ❖ CBN dealing with the international trade of narcotic drugs, psychotropic substances, and precursor chemicals under the ambit of various United Nations Conventions and the provisions of NDPS Act, 1985.



INTERNATIONAL

King Charles' coronation emblem

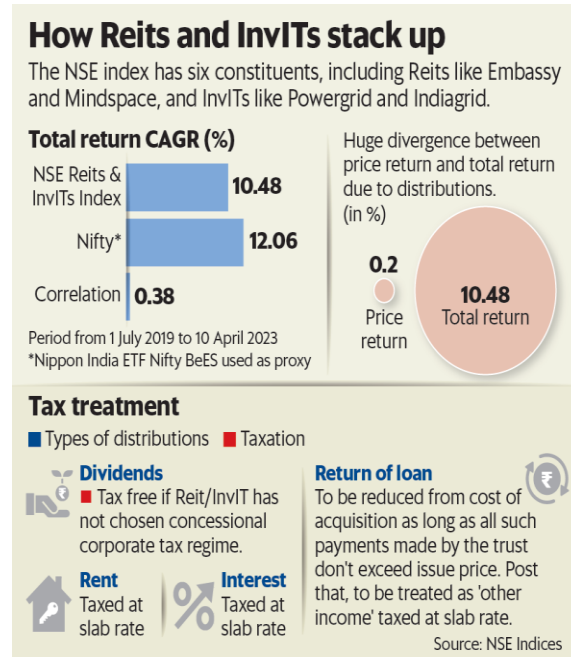


- ❖ The Britain's King Charles III coronation ceremony is scheduled on 6 May, 2023.
- ❖ The Buckingham Palace released the newly appointed king's official coronation emblem.

- ❖ Former Apple chief designer Jony Ive has designed King Charles III's coronation emblem.
- ❖ The designer, Jony Ive, holds some 14,000 patents globally.

ECONOMY

India's first-ever REITs and InvITs index



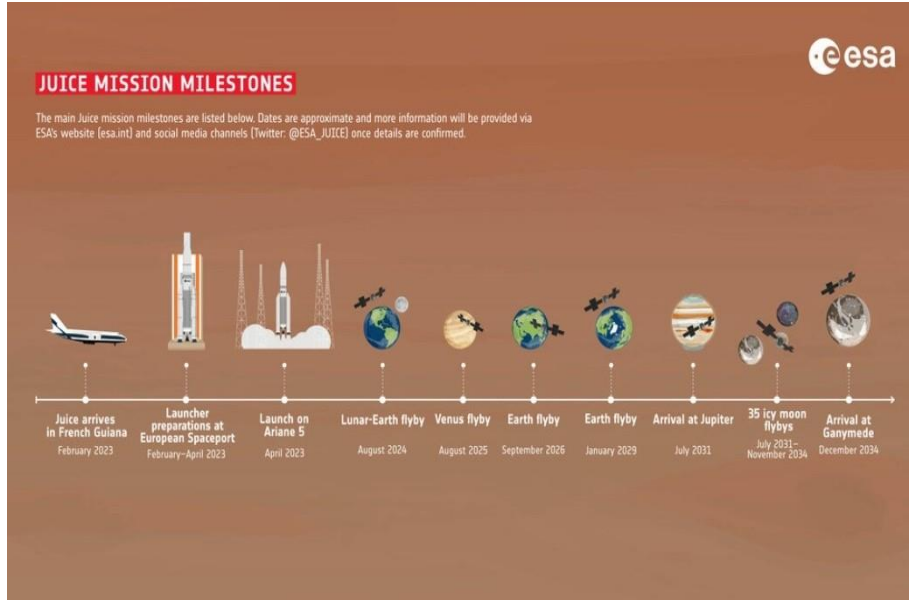
- ❖ The National Stock Exchange (NSE), has launched India's first ever Real Estate Investment Trusts (Reits) and Infrastructure Investment Trusts (InvITs) Index.
- ❖ They aim to track the performance of Reits and InvITs that are publicly listed and traded on the NSE.
- ❖ Both are recognized as strong alternative financial instruments to raise funds against the cash-generating infrastructure and real estate projects.

SCIENCE AND TECHNOLOGY

Jupiter Icy Moons Explorer - Juice

- ❖ The European Space Agency (ESA) launched the Jupiter Icy Moons Explorer, or Juice mission.
- ❖ The mission aims to carry out a detailed exploration of the Solar System's largest planet and its icy moons, which potentially have habitable environments.

- ❖ Only two other spacecraft have ever examined Jupiter.
- ❖ The Galileo probe orbited the gas giant between 1995 and 2003.
- ❖ Juno has been circling the planet since 2016.



Artsens device



- ❖ Researchers from IIT Madras have developed a non-invasive device to screen for cardiovascular diseases.
- ❖ The device, called Artsens, can be used by non-experts for routine medical examinations.

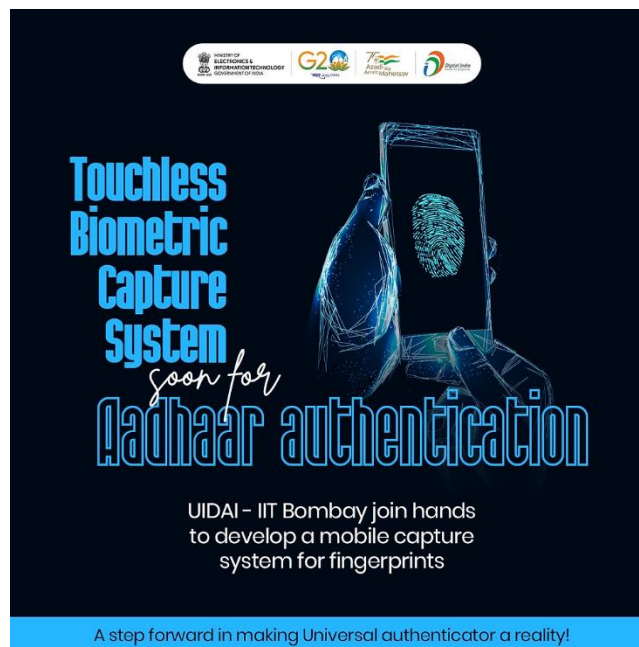
- ❖ The device would be accessible to a large population in clinical and non-clinical settings.

CL-Flam



- ❖ IIT Indore, NASA-Caltech, and Sweden's University of Gothenburg have collaborated to develop a low-cost camera setup called CL-Flam.
- ❖ It can provide multispectral imaging of four chemical species in a flame using single DSLR camera.
- ❖ Earlier scientific imaging required a complex system with four cameras.

Touchless biometric system

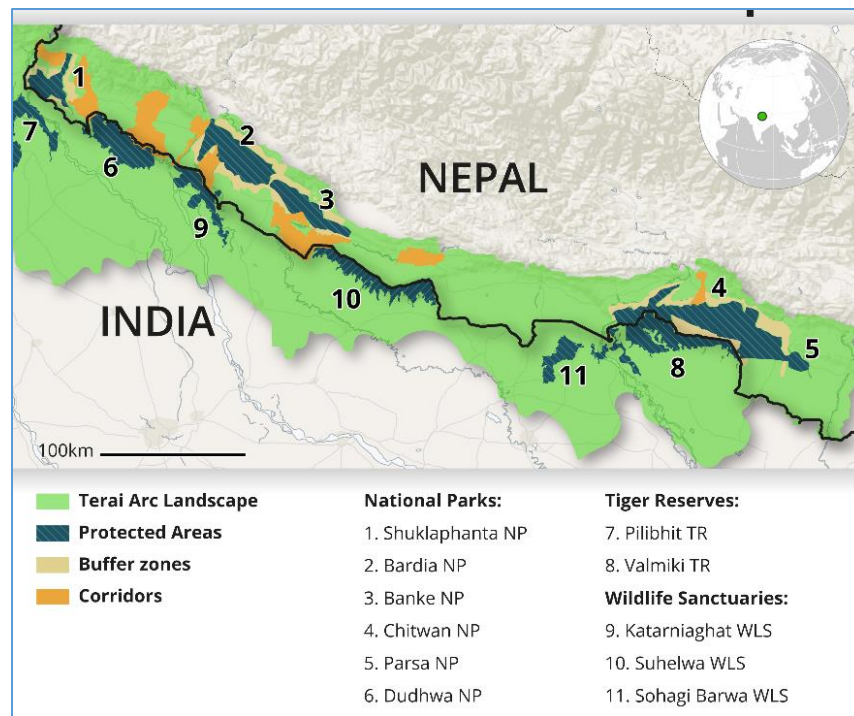


- ❖ Unique Identification Authority of India (UIDAI) and IIT-Bombay have joined hands in order to develop a robust touchless biometric capture system.
- ❖ Both will carry out joint research to build a mobile capture system for fingerprints along with liveness model integrated with the capture system.
- ❖ It will allow fingerprint authentication from home alike face authentication.

ENVIRONMENT

Tigers in Suhelwa Wildlife Sanctuary

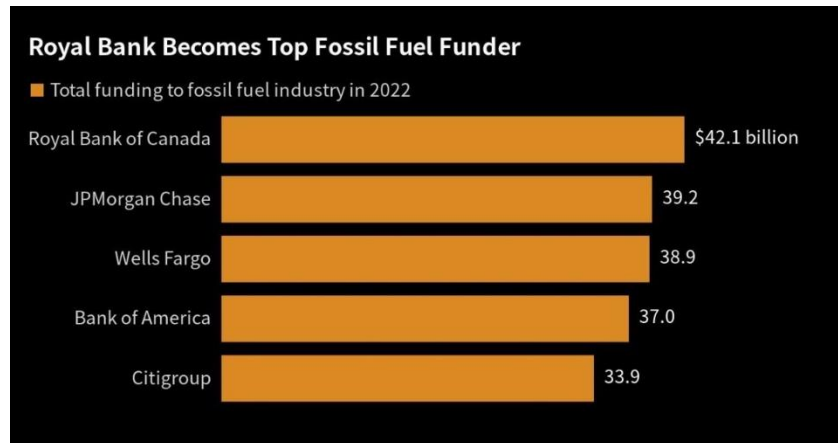
- ❖ Photographic evidence of tigers has been captured for the first time in Suhelwa Wildlife Sanctuary, Uttar Pradesh.
- ❖ The sanctuary was established in 1988 and is located in Shravasti, Balrampur, and Gonda districts of Uttar Pradesh.
- ❖ It is a significant area within the Bhabar-Tarai eco-system region.



Banking on Climate Chaos Report

- ❖ World's 60 largest banks have spent a staggering \$5.5 trillion or Rs 4,49,36,265 crore on financing fossil fuel projects since the Paris Agreement was signed in 2016.

- ❖ United States was the top financier of fossil fuels, providing 28% of total financing in the fossil fuel sector in 2022.
- ❖ As much as \$673 billion was spent on fossil fuel financing in 2022 alone.
- ❖ Canada and Japan were the top financiers for fossil fuels from 2020-2022.
- ❖ G7 countries provided \$73 billion in public finance for fossil fuels from 2020-2022.



PERSONALITIES, AWARDS, AND EVENTS

Rani Rama Devi



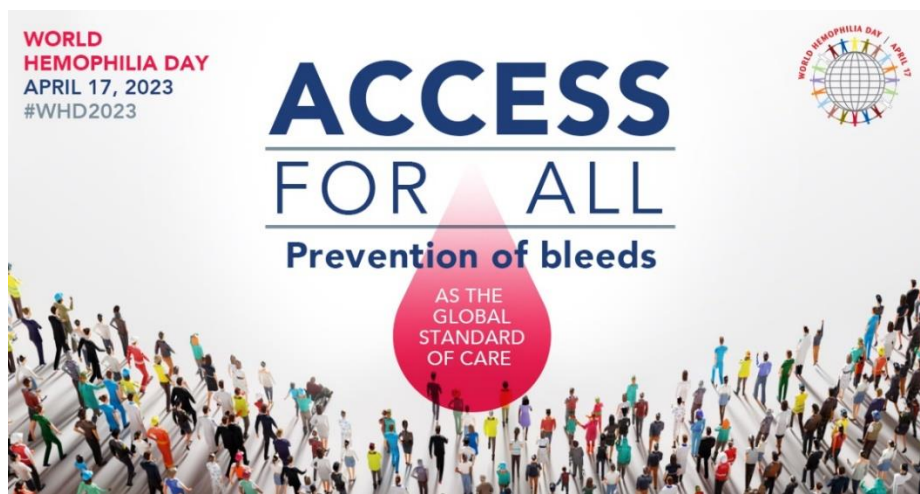
- ❖ Rani Rama Devi Tondaiman passed away recently.
- ❖ She called as 'Rajmatha' of the then Pudukottai Samasthanam.
- ❖ Rani Rama Devi is the wife of late Radhakrishna Tondaiman.



- ❖ He is brother of Raja Rajagopala Tondaiman who was the last ruler of Pudukottai 'Samasthanam'.
- ❖ She headed several committees that took up kumbhabhishekams of several temples in Pudukkottai district.
- ❖ She has also served as President of Tamil Nadu Swimming Association, Vice President of Volleyball Association and Member of LIC Board of Directors.

IMPORTANT DAYS

World Hemophilia Day - April 17



- ❖ This day is commemorating the birthday of Frank Schnabel.
- ❖ He founded the World Federation of Haemophilia.
- ❖ This occasion serves as a platform to increase awareness and provide education about haemophilia and other bleeding disorders.
- ❖ Haemophilia is a rare disease characterized by the inability of the blood to clot properly due to a deficiency in specific clotting factors.
- ❖ It was resulting in prolonged bleeding that can be life-threatening in certain cases.
- ❖ The theme for 2023 is "Access for All: Partnership. Policy. Progress. Engaging your government, integrating inherited bleeding disorders into national policy".

