

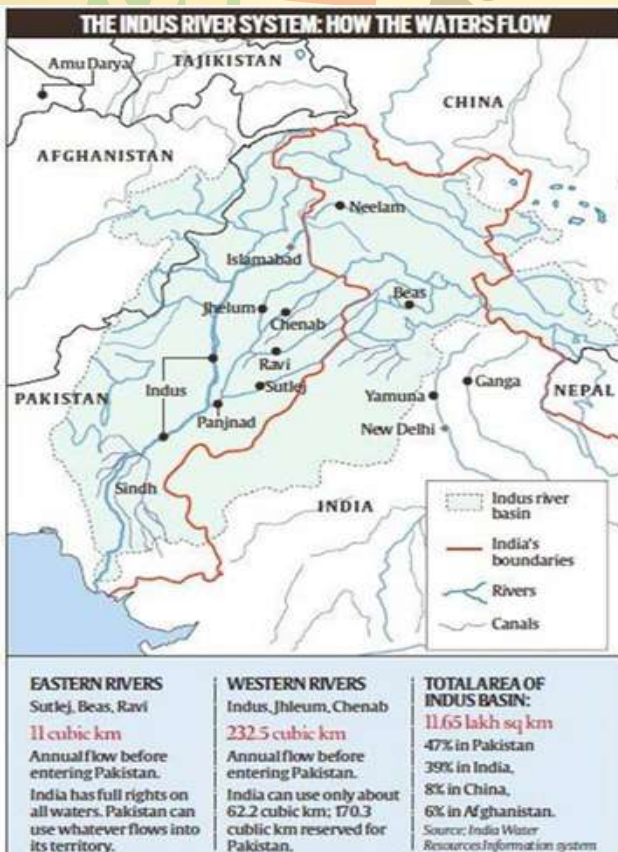
### NATIONAL

#### 1. The Indus Waters Treaty (IWT)

**Why in news** - New Delhi has issued a notice to Islamabad seeking modification of the 62 years old Indus Waters Treaty (IWT).

##### Key Points –

- Indus Waters Treaty (IWT) governs the sharing of waters of six rivers in the Indus system between India and Pakistan.
- The notice has invoked Article XII (3) of the treaty.
- Pakistan has raised objections over two hydroelectric power projects that India is constructing –
  - A. Kishanganga Hydroelectric Project on the Kishanganga river (tributary of Jhelum)
  - B. Ratle Hydroelectric Plant on Chenab
- Article XII (4) provides for the termination of the Treaty through “a duly ratified Treaty concluded for that purpose between the two governments”.



#### 2. SC judgments in regional languages

**Why in news** - The judgments of the Supreme Court would now be translated into 4 languages —Hindi, Tamil, Gujarati and Odia.

##### Key Points –

- Justice Abhay Oka committee - To translate the judgments into four languages.
- ‘Online e-Inspection Software’ – To facilitate online e-inspection of digitised judicial files through the internet.
- “JustIS” mobile application - It gives free access to the entirety of the court record and information about the cases which can be accessed by advocates, journalists etc.

#### 2. Intranasal COVID19 vaccine

**Why in news** – Dr. Mansukh Mandaviya and Jitendra Singh launched a nasal vaccine against Covid-19 iNCOVACC on Jan 26, 2023.

##### Key Points –

- It is developed by Bharat Biotech International Limited (BBIL) in collaboration with Biotechnology Industry Research Assistance (BIRAC).
- It is world’s first intra-nasal (nasal drops) COVID-19 vaccine.
- ZyCoV-D - The world’s first and India’s indigenously developed DNA based vaccine for Covid-19.
- ‘Mission COVID Suraksha’ - The Government would facilitate the clinical development, manufacturing and licensing of Indian vaccines to curb the virus attack.

#### 3. Google Doodle on 74th Republic Day

**Why in news** – Google celebrated India's 74th Republic Day with a creative masterpiece.

##### Key Points –

- It was created by artist Parth Kotheekar.
- It illustrated the Republic Day Parade, along with some iconic landmarks like Rashtrapati Bhavan, the India Gate, the Daredevil motorcycle riders, and the CRFP marching contingent.

#### 4. Sabir Ali

**Why in news** - Sabir Ali, known as the “Iron Man of India” passed away at the age of 67.

### Key Points –

- He was known for his dedication and commitment to fitness, and his passion for promoting a healthy lifestyle.
- He was the first Indian to complete a non-stop 1000 push-ups and held the record for the greatest number of push-ups in a minute.

## SUMMITS & CONFERENCES

### 1. 30th National Child Science Congress (NCSC)

**Why in news** – NCSC was organized from Jan 27 to 31, 2023 at Gujarat Science City (Ahmedabad).

#### Key Points –

- Theme - 'Understanding Eco System for Health & Well-being'.
- Recently, the 108th Indian Science Congress held at Nagpur, Maharashtra.

### 2. 12th ITWG on Animal Genetic Resources (AnGR)

**Why in news** – The 12th session of the Intergovernmental Technical Working Group (ITWG) on AnGR was concluded in Rome.

#### Key Points –

- India was elected as Vice-Chair and represented Asia & Pacific region.
- Indian Vice-Chair - Dr B N Tripathi, Deputy Director General (Animal Sciences), ICAR.
- ITWG was established by the FAO's Commission on Genetic Resources for Food and Agriculture (CGRFA).
- In the 12th Session of ITWG, implementation of the Global Plan of Action for Animal Genetic Resources was reviewed.

## SCIENCE – TECH

### 1. Nuclear thermal rocket engine

**Why in news** - NASA and DARPA are collaborating to demonstrate a nuclear thermal rocket engine in space.

#### Key Points –

- Program name - Demonstration Rocket for Agile Cislunar Operations (DRACO) program.

- DARPA - Defence Advanced Research Projects Agency.

### 2. Brain-like computing

**Why in news** - A team of Indian and Australian scientists have developed brain-like computing using scandium nitride (ScN, a semiconductor).

#### Key Points –

- ScN mimics a synapse, controlling signal transmission and remembering the signal.
- ScN is highly stable and compatible with Complementary Metal-Oxide-Semiconductor (CMOS) technology.
- CMOS is the semiconductor technology used in most of today's integrated circuits (ICs).
- Also, Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR), Bengaluru used nitride-based materials to develop hardware for neuromorphic computing.

## ENVIRONMENT

### 1. 100 cheetahs to India

**Why in news** - India and South Africa (SA) signed an MoU to translocate more than 100 cheetahs to India over the next decade.

#### Key Points –

- 12 big cats may arrive in India in February 2023.
- The plan is to translocate 12 cheetahs every year for the next eight to 10 years.
- IUCN status –
  - A. African Cheetahs – Vulnerable.
  - B. Asiatic Cheetahs - critically endangered.
- 8 cheetahs arrived from Namibia in September 2022.
- The Namibian specimens were released at Kuno National Park.
- Asiatic cheetah was declared extinct in India in 1952.

### 2. Green Railway Station Certification

**Why in news** - Visakhapatnam railway station has been awarded the 'Green Railway Station Certification with the highest rating of Platinum'.

### Key Points –

- It was given by the Indian Green Building Council (IGBC).
- Reason - For adopting green concepts thereby reducing the adverse environmental impact.
- Visakhapatnam railway station falls under the Waltair division of the East Coast Railway.
- In 2022, Bhagalpur railway station (BGP) (Malda division, Eastern Railway) received IGBC 'Green Railway Station Certification' with a Silver rating by CII.
- In 2021, Chhatrapati Shivaji Maharaj Terminus Railway Station (CSMT) was awarded IGBC Gold Certification.

### IMPORTANT DAYS

#### 1. Data Privacy Day 2023

**Why in news** - January 28 is observed as Data Privacy Day around the world.

#### Key Points –

- It is an international initiative to raise awareness about the significance of protecting Data and respecting privacy.
- Theme - "Privacy Matters."
- General Data Protection Regulation (GDPR) - A European Union law that established protections for privacy and security of personal data.

### SPORTS

#### 1. Women's Premier League (WPL)

**Why in news** - The BCCI announced the successful bidders for 5 teams in the opening edition of WPL.

#### Key Points –

- The combined bid valuation is INR 4669.99 Cr.
- 5 teams (cities) –
  - A. Ahmedabad (Adani Sportsline Pvt Ltd) - INR 1289 crore (Highest bid).
  - B. Mumbai (Indiawin Sports Pvt Ltd, Reliance Group) - INR 912.99 crores.
  - C. Bengaluru (Royal Challengers group) - INR 901 crores.
  - D. Delhi (JSW group) - INR 810 crore.
  - E. Lucknow (Capri Global) - INR 757 crores.

### BIHAR

#### 1. Republic Day 2023

**Why in news** - Bihar Governor Phagu Chouhan hoisted the flag at Gandhi Maidan in Patna on Jan 26, 2023.

#### Key Points –

- On the occasion, 12 tableaux were displayed at Gandhi Maidan.
- Top 3 tableau –
  - A. Panchayati Raj Department.
  - B. Agriculture Department
  - C. Tourism Department and Bihar education project (tie)



# CURRENT AFFAIRS

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## ➤ CURRENT AFFAIRS ONE LINERS ◀

### POINTERS

- Which company has launched the second phase of 'Girls4Tech STEM' initiatives in India – **Mastercard**.
- Which company plans to set up 25000 EV charging points across the country - **Tata Power**.
- Dhokra art, which has been in news recently, is related to - **Metal Casting**.
- Which company launched India's first AI-powered screening mechanism to automatically identify chart patterns in various stocks – **StockEdge**.
- In which city the G20 Startup 20 Engagement Group will hold its founding meeting from January 28-29, 2023 – **Hyderabad**.
- Who showed the tableau for the first time in the Republic Day Parade 2023 - **Narcotics Control Bureau**.
- Which state's health department has confirmed 2 cases of norovirus in January 2023 – **Kerala**.
- Recently, who has been appointed as the new CEO of Tata Trusts - **Siddhant Sharma**.
- North India's largest floating solar project launched in which city – **Chandigarh**.
- Which country's population declined by 8,50,000 in 2022, the first time since a nationwide famine in 1961 – **China**.



**NEW BATCH STARTING FROM 1<sup>st</sup> FEBRUARY (ENGLISH MEDIUM)**